

Appendix F

Phase I Environmental Site Assessment

(Provided as electronic file on CD-ROM)

and

Phase II Environmental Site Assessment

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT
OF**

**BROOKLYN DEVELOPMENTAL CENTER
BLOCK 4586, P/O LOT 300
888 FOUNTAIN AVENUE
BROOKLYN, KINGS COUNTY, NEW YORK**

STV PROJECT NO.: 40-16925

JULY 23, 2014

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1.0 EXECUTIVE SUMMARY

At the request of Empire State Development (ESD), STV Incorporated (STV) conducted a Phase I Environmental Site Assessment (ESA) for two proposed development sites (herein referred to as "Parcel A" and "Parcel B"), comprising portions of the Brooklyn Development Center (BDC) campus, which is located at 888 Fountain Avenue, Borough of Brooklyn, Kings County, New York. The overall BDC site is an approximate 35 acre parcel of land in the Starrett City/Spring Creek neighborhood of the East New York section of Brooklyn. It is also part of the Fresh Creek Urban Renewal Area (FCURA) established in 1967. The BDC site (Block 4586, Lot 300) is bound by Vandalia Avenue to the north, Seaview Avenue to the south, Fountain Avenue to the east and Erskine Street to the west. Though currently partially developed for institutional use, the BDC site is located in an area that is otherwise characterized by commercial and multi-family residential properties to the north and west, and undeveloped public parkland and open space to the east and south.

Parcel A is an undeveloped 2-acre (approx.) tract located in the southwest portion of the existing BDC site with 134 feet of frontage along Seaview Avenue and 284 feet of frontage along Erskine Street. Parcel B is an undeveloped 4.7-acre (approx.) tract located in the northernmost portion of the BDC site with 690 feet of frontage along Vandalia Avenue, 246 feet of frontage along Fountain Avenue and 283 feet of frontage along Erskine Street.

The main objective of the Phase I ESA is to identify recognized environmental conditions (RECs) and environmental concerns that may affect the suitability of Parcels A and B for use as new residential development. RECs are defined in American Society of Testing and Materials (ASTM) Standard Practice E 1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property. Note that controlled recognized environmental conditions (CRECs) are considered to be RECs and are listed in the Executive Summary and Conclusions of this Phase I ESA. Additionally, vapor encroachment conditions (VECs) were considered as per ASTM E 2600-10.

Other environmental issues and conditions that, in the opinion of the *environmental professional* conducting the assessment, would not be considered RECs are identified in this assessment. These may include *historical RECs* and/or *de minimis* conditions. The Phase I ESA also includes a preliminary evaluation of specific potential environmental issues or conditions that are, according to ASTM E 1527-13, considered non-scope considerations. These issues include radon, asbestos-containing material (ACM), polychlorinated biphenyl (PCB)-containing light ballasts and caulking materials, exterior lead-based paint (LBP), chemical storage, wetlands, regulatory compliance issues, dry cleaner and other industrial emissions, mold, biological agents, electromagnetic fields, and methane. The Phase I ESA included a review of Federal, State, and local records, previous reports and historical documents; visual observation of the Parcels A and B and adjoining properties; and, interviews with selected site representatives.

The assessment requested by EDC is intended to identify conditions that would have the potential to impact the development and use of Parcels A and B as residential use. The assessment was also conducted for purposes of environmental due diligence in order to qualify for the innocent landowner, a bona fide prospective purchaser or a contiguous property owner defense under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA). The Phase I ESA included evaluation of the following: current and historical site usage; current and historical usage of adjoining properties; regulatory agency records review; on-site solid waste management and disposal practices; on-site hazardous materials and petroleum products management; chemical storage, ACM, PCBs and exterior LBP management; wetlands; regulatory compliance issues; dry cleaner and other industrial emissions; radon; mold and moisture intrusion; biological agents; electromagnetic fields; and, potential for methane generating materials.

Summary of RECs, CRECs, VECs and Environmental Concerns

This Phase I ESA has revealed the following RECs and/or VECs associated with Parcels A and B:

On-Site RECs/CRECs/VECs:

- Potential buried material and/or historic fill material of unknown origin, as the entire BDC site has been identified within a historic refuse landfill area.
- Potential methane gas due to the presence of historic marshland beneath the fill material on the site.

Recommendations

STV recommends the completion of a comprehensive Phase II Environmental Site Investigation at Parcels A and B consisting of soil sampling to determine whether the identified RECs have affected the suitability for the use as a residential development. STV also recommends that any buried material or adverse conditions discovered during the investigation and/or construction be identified and properly managed during such activities.

2.0 INTRODUCTION

This report summarizes the results of the Phase I Environmental Site Assessment (ESA) for two proposed development sites (herein referred to as "Parcel A" and "Parcel B"), comprising portions of the Brooklyn Development Center (BDC) campus, which is located at 888 Fountain Avenue, Borough of Brooklyn, Kings County, New York. The overall BDC site is an approximate 35 acre parcel of land in the Starrett City/Spring Creek neighborhood of the East New York section of Brooklyn. It is also part of the Fresh Creek Urban Renewal Area (FCURA) established in 1967. The BDC site (Block 4586, Lot 300) is bound by Vandalia Avenue to the north, Seaview Avenue to the south, Fountain Avenue to the east and Erskine Street to the west. Though currently partially developed for institutional use, the BDC site is located in an area that is otherwise characterized by commercial and multi-family residential properties to the north and west, and undeveloped public parkland and open space to the east and south.

Parcel A is an undeveloped 2-acre (approx.) tract located in the southwest portion of the existing BDC site with 134 feet of frontage along Seaview Avenue and 284 feet of frontage along Erskine Street. Parcel B is an undeveloped 4.7-acre (approx.) tract located in the northernmost portion of the BDC site with 690 feet of frontage along Vandalia Avenue, 246 feet of frontage along Fountain Avenue and 283 feet of frontage along Erskine Street.

Michael L. Francis, Ph.D. of STV performed the inspection of Parcels A and B on June 17, 2014, and was accompanied by Mr. Steven Sill of the BDC, Mr. Thomas Conoscenti of EDC, Elizabeth Knauer, Esq. of Sive, Paget & Riesel, PC, and Cade Hobbick of STV. The weather was approximately 80° F with sunshine and there were no limitations caused by the weather.

2.1 Selected Definitions

The following terms are used throughout this report and, for the purpose of clarity, corresponding definitions are provided. These terms are fully defined in ASTM E 1527-13 and ASTM E 2600-10.

Controlled Recognized Environmental Condition (CREC) – A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Historical Recognized Environmental Condition (HREC) - A past release of any hazardous substances or petroleum products that occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Recognized Environmental Condition (REC) - The presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the *environment*; or, (3) under conditions that pose a *material threat* of a future *release* to the *environment*.

Environmental Professional - A person meeting the education, training, and experience requirements as set forth in 40 CFR § 312.10(b), necessary to conduct a *site reconnaissance*, *interviews*, and other activities in accordance with this practice, and from the information generated by such activities, having the ability to develop opinions and conclusions regarding conditions indicative of releases or threatened releases on, at, in, or to a property, sufficient to meet the objectives and performance factors in 40 CFR § 312.20(e) and (f).

Vapor Encroachment Condition (VEC) - The presence or likely presence of chemical of concern vapors in the subsurface of the target property caused by the release of vapors from contaminated soil or groundwater or both either on or near the target property.

2.2 Purpose and Scope

The purpose of this assessment is to identify *RECs*, *CRECs*, *VECs*, and certain other environmental issues or concerns as they existed at Parcels A and B at the time of the site visit. The assessment is intended to identify conditions that would have the potential to impact the value of Parcels A and B or the development and use of Parcels A and B as residential apartments. The assessment was also conducted for purposes of environmental due diligence in order to qualify for the innocent landowner, a bona fide prospective purchaser, or a contiguous property owner defense under the Comprehensive Environmental Responsibility Compensation and Liability Act (CERCLA). The Phase I ESA included, but was not limited to an assessment of the following potential environmental issues: current and historical site usage; current and historical usage of adjoining properties; regulatory agency records review; on-site solid waste management and disposal practices; on-site hazardous materials and petroleum products management; asbestos-containing material (ACM), polychlorinated biphenyl (PCB)-containing equipment and lead-based paint (LBP) management; wetlands; regulatory compliance issues; dry cleaner and other industrial emissions, radon, mold and moisture intrusion; biological agents; electromagnetic fields; and the potential for methane generating materials.

This evaluation was conducted by qualified *environmental professionals* utilizing a standard of good commercial and customary practice in accordance with ASTM E 1527-13. The scope of work completed for this evaluation meets all requirements of ASTM E 1527-13 and includes the following:

- Documenting the physical characteristics of Parcels A and B through a review of available topographic, geologic, wetland, floodplain, groundwater data and on-site observations.
- Researching the BDC site history through a review of reasonably ascertainable standard sources such as land deeds, fire insurance maps, city directories, aerial photographs, prior reports and interviews.

- Documenting current site conditions, via observations and interviews, regarding the presence or absence of hazardous substances/petroleum products; the generation, treatment, storage, or disposal of hazardous, regulated, or medical wastes; the presence of electrical equipment that utilizes oils which potentially contain PCBs; and, the presence of storage tanks (above and below ground), floor drains, drains that discharge to subsurface, former septic tanks and drywells.
- Determining the usage of adjoining and nearby properties to identify the likelihood for environmental conditions (if present and/or suspected) and concerns to migrate onto the project site.
- Evaluating information contained within Federal and State environmental databases and other publically-available local environmental records, within specific search distances.

2.3 Additions, Deviations, Deletions, Data Failures, and Data Gaps

The following environmental issues that are outside the scope of (additions to) ASTM E 1527-13 were evaluated:

- A review of available radon data for the site vicinity
- A review of available wetlands data
- A visual assessment for water damage and mold
- A visual assessment for suspect ACM and LBP
- PCB light ballasts and caulking materials
- Biological agents (mold, pigeon guano, medical wastes, etc.)
- Air emissions from drycleaners and other industrial sources
- As assessment of the potential presence of electromagnetic fields (EMF)

The following deviations, data gaps and deletions from ASTM E 1527-13 were necessary in conducting this assessment:

- The site area history was not conducted in five-year intervals. However, sufficient information about the history of the site and surrounding area could be obtained from the available historical Sanborn Maps, aerial photographs, city directories, and local records and this data gap is not likely to alter the conclusions of this report.

2.4 Limitations and Exceptions

STV has prepared this Phase I ESA using reasonable efforts in each phase of its work to identify RECs associated with hazardous substances, wastes and petroleum products at Parcels A and B. The methodology of the Phase I ESA was consistent with the ASTM E 1527-13. Findings within this report are based on information collected from observations made on the day of the site investigation and from reasonably ascertainable information obtained from governing public agencies and private sources.

This report is not definitive and should not be assumed to be a complete or specific definition of the conditions above or below grade. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other construction purposes. STV makes no representation or warranty that the past or current operations at the BDC site are or have been in compliance with all applicable Federal, State and local laws, regulations and codes.

Regardless of the findings stated in this report, STV is not responsible for consequences or conditions arising from facts that were concealed, withheld, or not fully disclosed at the time the evaluation was conducted. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

The regulatory database report provided is based on an evaluation of the data collected and compiled by a contracted data research company. The report focuses on the BDC site and neighboring properties that could impact Parcels A and B. Neighboring properties listed in governmental environmental records are identified within specific search distances. The search distance varies depending upon the particular government record being checked. The regulatory research is designed to meet the requirements of ASTM E 1527-13. The information provided in the regulatory database report is assumed to be correct and complete.

3.0 SITE DESCRIPTION

3.1 Site Location and Legal Description

The overall BDC site is located at 888 Fountain Avenue, Borough of Brooklyn, Kings County, NY. The BDC site is an approximate 35 acre parcel of land in the Starrett City/Spring Creek neighborhood of the East New York section of Brooklyn. It is also part of the Fresh Creek Urban Renewal Area (FCURA) established in 1967. The BDC site (Block 4586, Lot 300) is bound by Vandalia Avenue to the north, Seaview Avenue to the south, Fountain Avenue to the east and Erskine Street to the west. The BDC site is located in an area that is primarily characterized by commercial and multi-family residential properties, and undeveloped property to the east and south.

Parcel A is an undeveloped 2-acre (approx.) tract located in the southwest portion of the existing BDC site with 134 feet of frontage along Seaview Avenue and 284 feet of frontage along Erskine Street. Parcel B is an undeveloped 4.7-acre (approx.) tract located in the northernmost portion of the BDC site with 690 feet of frontage along Vandalia Avenue, 246 feet of frontage along Fountain Avenue and 283 feet of frontage along Erskine Street.

A map showing the location of the BDC site is presented in *Appendix A*. An Aerial Photograph showing the site's existing conditions is presented in *Appendix B*. Photographs of Parcels A and B and surrounding areas are included in *Appendix C*.

According to information obtained through the City of New York Department of City Planning, the site is currently located within the "R3-2 Residential Zone". A land use/zoning map is included in *Appendix D*.

3.2 Physical Setting

3.2.1 Topography

According to the United States Geological Survey (USGS) 7.5-Minute Quadrangle Map, Jamaica, NY Quadrangle, the elevation of the site is approximately 9 feet above mean sea level (msl). The topography of Parcels A and B were observed to be relatively flat, with a gently slope to the south. A copy of the current USGS topographic map is presented in *Appendix A*.

3.2.2 Soils

According to the State Soil Geographic (STATSGO) database, the soil in the area of the site is identified as Urban Land. This type of soil is found mainly in developed areas and have a variable surface texture and sand/gravel content consistent with fill material.

3.2.3 Hydrology

Depth to water at the BDC site is estimated to be approximately 10 feet bgs based on a review of prior assessments completed for adjacent properties. However, depth to water could be deeper or shallower, depending on localized depths of fill material. For the purposes of this report, the topographic slope and the nearest water body have been used to estimate groundwater flow direction. Generally, groundwater contour lines mimic the surface topography and groundwater flow direction is perpendicular to these contour lines flowing from higher to lower elevation. Based on a review of the USGS topographic map and nearby topographic features, groundwater is expected to flow in a southerly direction towards Jamaica Bay. Estimated groundwater levels and/or flow direction(s) may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or dewatering operations. The groundwater in the vicinity of the BDC site is not known to be used for human consumption, as most potable water in the area is derived from upstate reservoirs managed by New York City; the BDC is serviced by the New York City water supply.

STV did not observe any retention ponds or other surface water bodies on the BDC site. Due to the generally flat nature of the site, stormwater percolates down through the soil to the water table. The closest surface water body is Betts Creek, located approximately 200 feet east of the BDC site on the opposite side of Fountain Avenue.

STV reviewed the United States Fish and Wildlife Service National Wetlands Inventory (NWI) map for the area of the project (<http://www.fws.gov/wetlands/data/index.html>) to determine if the BDC site is located in a regulated wetlands area. Based on a review of the map, the BDC site is not located within a regulated wetlands area. A copy of the wetlands map is included in *Appendix E*.

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for the BDC site area was reviewed to assess whether either Parcel is located within a designated flood plain or flood zone. Neither Parcel A or Parcel B is located within a 100-year flood zone; therefore, this does not represent an environmental concern for Parcels A or B. A copy of the FIRM is included in *Appendix F*.

Stormwater is collected from catch basins located throughout the BDC site and discharged to the collection system along the surrounding roadways.

3.2.4 Radon

Radon is a colorless, odorless radioactive gas that results from the natural breakdown of uranium minerals in soil, rock, and water, which subsequently enters the atmosphere. It can concentrate in buildings, entering through cracks and other penetrations of a building foundation. Some areas are more likely to have elevated concentrations of radon than others, reflecting subsurface lithologic conditions.

The New York State Department of Health (NYSDOH) maintains a database of radon test results on a local and county level. According to NYSDOH and presented in the Environmental Data Resources, Inc., of Milford, Connecticut (EDR) report (*Appendix J*), the average radon level in basements in the Borough of Brooklyn (Kings County) was found to be 1.37 pCi/L, based on 51 sites tested. In addition, Kings County is in the United States Environmental Protection Agency (USEPA) Radon Zone 3, where the indoor average radon level is less than 2 pCi/L. These results are below the USEPA Action Level of 4.0 pCi/L; therefore, STV concludes that it is unlikely that elevated levels of radon gas are present at either Parcel A or Parcel B.

4.0 ADJOINING AND SURROUNDING PROPERTIES

The areas surrounding the BDC site are primarily characterized by commercial/retail uses, multi-family residential properties and undeveloped properties. The following table summarizes the adjoining site uses:

Direction	Facility Name/Description	Street Address/Location	Current Use
North	Gateway II Residential Development (Under construction)	North side of Vandalia Avenue	Vacant Property under construction
East	Spring Creek Park	East side of Fountain Avenue	Vacant, Undeveloped Parkland
South	N/A	South side of Seaview Avenue	Wooded, Undeveloped land adjacent to Shore Parkway
West	Gateway Mixed Use Development	West side of Erskine Street	Commercial uses (Home Depot) and Residential (under construction)

5.0 HISTORICAL USE RESEARCH

5.1 Land Title Records and Tax Records

STV researched prior ownership information for the BDC site through the New York City Automated City Register Information System (ACRIS). According to ACRIS, the BDC site is currently owned by the New York State Medical Care Facility and the Facilities Development Corporation since 1987 and is under the jurisdiction of the New York Office of People with Developmental Disabilities (OPWDD) with the Dormitory Authority of New York (DASNY) designated as agent and fee owner of the property. The People of New York owned the property prior between 1972 and 1987. The New York state Housing Finance Agency owned the property prior to 1972. The review of current and historical ownership and tax records information did not reveal evidence of RECs, CRECs, HRECs, or VECs associated with prior use of the BDC site.

5.2 Historical USGS Topographic Quadrangles

STV reviewed available historical USGS Topographic Quadrangles for information regarding past uses of the BDC site and surrounding area. These maps were obtained for the following years: 1900, 1947, 1957, 1966 and 1979. The following table presents descriptions and interpretations from historical USGS topographic map review.

Year and Quadrangle	Comments
1900 Brooklyn 15-minute series	Site: The BDC site appears to be located within a tidal marsh. Surrounding Properties: The areas north, east, south and west of the site also appear to be located within a tidal marsh. Due to scale of the map, no further information can be obtained.
1947 Jamaica 7.5-minute series	Site: No significant changes are apparent to the BDC site from the 1900 topographic map (Brooklyn Quad). Surrounding Properties: The areas north, east, south and west of the site appear to be undeveloped. The Shore Parkway exists south of the site.
1957 Jamaica 7.5-minute series	Site: The northern portion of the BDC site appears to be filled. The entire BDC site also appears to be undeveloped. Surrounding Properties: Local roadways appear to be more developed. The areas to the north and northwest appear to be filled but still undeveloped.
1966 Jamaica 7.5-minute series	Site: The entire BDC site is filled and multiple buildings are depicted in the same configuration as present day. Parcels A and B are undeveloped. Surrounding Properties: Surrounding properties are filled but still undeveloped.
1979 Jamaica 7.5-minute series	Site: No significant changes are apparent to the BDC site from the 1966 topographic map. Surrounding Properties: No significant changes are apparent to the surrounding properties from the 1966 topographic map.
1994 Jamaica 7.5-minute series	Site: No significant changes are apparent to the BDC site from the 1979 topographic map. Surrounding Properties: No significant changes are apparent to the surrounding properties from the 1979 topographic map.

Based on STV’s review of historical topographic maps, apparent filling (unknown material) was noted on the BDC site. The BDC site was also located in an area of former wetlands, and potential subsurface methane should be considered an environmental concern at the site. The review of Historical USGS Topographic Quadrangles did not indicate other RECs, CRECs, or VECs at the BDC site. Copies of Historical USGS Topographic Maps are included in *Appendix G*.

5.3 Historical Aerial Photographs

STV reviewed historical aerial photographs of the BDC site and surrounding areas from the NYC GIS System in order to identify historical land use that may have involved hazardous substances and petroleum products. These photographs were obtained for the following years: 1924, 1951, 1996, 2006, 2008, 2010, and 2012. The following table summarizes descriptions and interpretations from the historical aerial photograph reviews:

Year	Comments
1924	Site: The BDC site appears to be undeveloped tidal marsh. Surrounding Properties: The areas north, east, south and west of the site also appear to be located within a tidal marsh.
1951	Site: There appears to significant fill (unknown material) in the northern part of the BDC site. No other significant changes are discernible on the BDC site from the 1924 aerial photograph. Surrounding Properties: Fill material is observed to the north northwest and northeast of the site. No other significant changes are discernible on the site from the 1924 aerial photograph. The Shore Parkway exists south of the site.
1996	Site: The site is developed with the BDC facility similar to present day. Parcels A and B are undeveloped. Surrounding Properties: Surrounding properties are filled and undeveloped.
2006	Site: No significant changes are discernible to the BDC site from the 1996 aerial photograph. Surrounding Properties: The property to the west is developed with a commercial shopping center.
2008	Site: No significant changes are discernible to the BDC site from the 2006 aerial photograph. Surrounding Properties: No significant changes are discernible to surrounding properties from the 2006 aerial photograph
2010	Site: No significant changes are discernible to the BDC site from the 2008 aerial photograph. Surrounding Properties: No significant changes are discernible to surrounding properties from the 2008 aerial photograph
2012	Site: No significant changes are discernible to the BDC site from the 2010 aerial photograph. Surrounding Properties: No significant changes are discernible to surrounding properties from the 2010 aerial photograph

Based on the review of historical aerial photographs, apparent filling (unknown material) was noted on the BDC site. The BDC site was also located in an area of former wetlands, and potential subsurface methane should be considered an environmental concern at the site. The review of historical aerial photographs did not indicate other RECs, CRECs, or VECs at the BDC site. Copies of reproducible historical aerial photographs are included in *Appendix H*.

5.4 Historical Fire Insurance Maps (Sanborn® Maps)

A review of historical Sanborn fire insurance maps for the BDC site and adjoining properties was conducted by EDR. The following table presents descriptions and interpretations from the historical Sanborn Maps.

Year	Comments
1977	<p>Site: The BDC site is developed with buildings in a configuration similar to present day. Parcels A and B are undeveloped.</p> <p>Surrounding Properties: No structures are identified on adjacent properties.</p>
1979, 1980, 1982, 1987, 1988, 1989, 1991, 1992, 1993, 1994, 1995, 2001 and 2002	<p>Site: No changes are discernible to the BDC site from the 1977 Sanborn Map. Parcels A and B remain undeveloped.</p> <p>Surrounding Properties: No changes are discernible to surrounding properties from the 1977 Sanborn Map.</p>
2003	<p>Site: No changes are discernible to the BDC site from the 2002 Sanborn Map. Parcels A and B remain undeveloped.</p> <p>Surrounding Properties: A commercial building is observed on the property to the west. No other changes are discernible to surrounding properties from the 2002 Sanborn Map.</p>
2004, 2005, 2006 and 2007	<p>Site: No changes are discernible to the BDC site from the 2003 Sanborn Map. Parcels A and B remain undeveloped.</p> <p>Surrounding Properties: No changes are discernible to surrounding properties from the 2003 Sanborn Map.</p>

The Sanborn Maps did not indicate the presence of hazardous commercial or industrial uses and did not indicate the presence of petroleum or chemical storage tanks or other evidence of hazardous materials use or storage. The Sanborn Maps are provided in *Appendix I*.

5.5 City Directories

A review of historical city directories for the BDC site and surrounding areas was conducted by EDR. The following table presents descriptions and interpretations from the historical city directory reviews.

PHASE I ENVIRONMENTAL SITE ASSESSMENT
 BROOKLYN DEVELOPMENTAL CENTER - 888 FOUNTAIN AVENUE
 BOROUGH OF BROOKLYN, KINGS COUNTY, NEW YORK

Year	Comments
1976	Site: Mental Health Information Services Main Office, New York State Department of Mental Hygiene Surrounding Properties: No uses were identified on adjacent properties.
1980	Site: Spring Creek Parents Association Surrounding Properties: No uses were identified on adjacent properties.
1985	Site: Spring Creek Parents Association Surrounding Properties: No uses were identified on adjacent properties
1997	Site: Spring Creek Parents Assoc., Spring Creek Early Childhood Center, Lynbrook Laboratory Surrounding Properties: AMSC, CSC Compusource, Hughes Communications/Network Systems, Inc. Local Area Telecommunication, Inc., National Satellite Services, Inc. (all listed at 830 Fountain Avenue)
2000	Site: Spring Creek Parents Assoc., Spring Creek Early Childhood Center, NY State Mental Hygiene, NY State Brooklyn Center Surrounding Properties: Hughes Network Systems, Inc., Panamsat Corp., National Satellite Services, Inc. (all listed at 830 Fountain Avenue)
2005	Site: Brooklyn Developmental Center, Marick Mechanical, Mental Hygiene Legal Services, Spring Creek Parents Assoc., Spring Creek Early Childhood Center Surrounding Properties: Hughes Network Systems (830 Fountain Avenue), Home Depot (579 Gateway Drive)
2008	Site: Not Listed Surrounding Properties: Hughes Network Systems (830 Fountain Avenue), Home Depot (579 Gateway Drive)
2013	Site: Not Listed Surrounding Properties: Hughesnet (830 fountain Avenue), Home Depot (579 Gateway Drive)

The review of historical city directories did not indicate RECS, CRECs, HRECS, or VECs at the BDC site or surrounding areas. Copies of the historical city directories are provided in *Appendix J*.

5.6 Prior Reports

STV was provided with a previous Phase 1 ESA prepared by Environmental Business Consultants (EBC) of Ridge, NY for Parcels A and B on behalf of Arker Companies dated March 3, 2014. It is noted that the previous Phase 1 ESA was conducted under the previous and outdated ASTM Standard Practice E-1527-05. In addition, the site inspection was conducted on February 21, 2014 with the site covered in up to 6 inches of snow, which prohibited the observations of ground surface conditions. Based on EBC's site inspection and historical research, the previous Phase 1 ESA not reveal any RECs in connection with Parcels A or B.

5.7 Other Historical Sources

STV reviewed a previous Phase 1A Archaeological Assessment Report prepared by Historical Perspectives, Inc. (previously) of Riverside, CT on behalf of Allee King Rosen & Fleming, Inc. for the adjacent Gateway Estates site dated September 20, 1993. Of significant interest was a map included in the report depicting a majority of the Gateway Estates site and adjacent BDC site as being within the limits of the Milford Street (Refuse) Landfill. The report also references soil borings and soil tests that recorded wood, brick, glass, tile, pieces of rubber and rubber hose, silver fill material, plastic strips, railroad ties, fence posts, sheet metal, wire, automotive parts, cement, etc. in addition to piles of refuse and in some places, discarded building materials such as broken up concrete slabs on the ground surface. The map depicting the area landfills is included in *Appendix K*.

STV also reviewed the Environmental Impact Statement prepared for the Gateway Estates II project in 2009. The Hazardous Materials Chapter references a previous Phase 1 ESA and Phase II ESA prepared by Langan Engineering and Environmental Services in 2007 and 2008, respectively. The assessments identified fill material with refuse containing ash, wood, metal, glass, concrete, brick and auto parts beneath hydraulic sand on the surface. The subsurface evaluations revealed concentrations of Volatile Organic Compounds (VOCs), Semi Volatile Organic Compounds (SVOCs) and metals in soils (beneath the sand layer) and in groundwater above the New York State Recommended Soil Cleanup Objectives. These investigations also revealed methane levels in soil gas attributed from the decomposition of peat and organic material, as well as buried refuse.

5.8 Historical Use Interviews

No other historical sources were available for interview.

5.9 Historical Use Summary

The following table summarizes the findings of the research pertaining to historical site and surrounding property usage:

PHASE I ENVIRONMENTAL SITE ASSESSMENT
 BROOKLYN DEVELOPMENTAL CENTER - 888 FOUNTAIN AVENUE
 BOROUGH OF BROOKLYN, KINGS COUNTY, NEW YORK

YEARS	HISTORICAL USES/CONDITIONS		SOURCE(S)
	Site	Surrounding Property	
Pre-1900 to 1951	The BDC site appears to be undeveloped tidal marsh/wetlands.	Surrounding lots appears to be undeveloped tidal marsh/wetlands. Shore Parkway appears on the 1947 Topo Map.	Topographic maps, aerial photographs
1951 to 1966	Sometime before 1951, significant filling activities occurred in the northern portion of the BDC site.	Sometime before 1951, significant filling activities occurred on surrounding properties to the north, northwest and northeast.	Topographic maps, aerial photographs
1966 to Present	The BDC site is developed with the current buildings. Parcels A and B remain undeveloped throughout.	Surrounding properties appear to be filled (unknown material). The adjacent commercial use to the west (Home Depot, etc.) appears in 2003.	Topographic maps, aerial photographs, Sanborn Maps

The historical use research revealed the following RECs/VECs and environmental concerns:

- Potential buried material and/or historic fill material of unknown origin, as the entire BDC site has been identified within a historic refuse landfill area.
- Potential methane gas due to the presence of historic marshland beneath the fill material on the site.

6.0 REGULATORY AGENCY RECORD REVIEWS

The databases discussed in this section, provided by Environmental Data Resources, Inc., of Milford, Connecticut (EDR), were reviewed for information regarding documented and/or suspected releases of regulated hazardous substances and/or petroleum products on or near the BDC site (*Appendix L*). STV also reviewed the “unmappable” (also referred to as “orphan”) listings within the database report, cross-referencing available address information and facility names. Unmapped sites are listings that cannot be plotted with confidence, but are identified as being located within the general area of the project site based on the partial street address, city name, or zip code. In general, a listing cannot be mapped due to inaccurate or incomplete address information in the database that was supplied by the corresponding regulatory agency. Any listings from the unmapped summary which were identified by STV as a result of the area reconnaissance and/or cross-referencing to mapped listings are included in the corresponding database discussion within this section.

6.1 Federal and State Regulatory Agency Database Reviews

A review of federal and state records for the BDC site was accomplished by a review of the regulatory listings compiled in the regulatory agency database report (*Appendix L*). The results of the review of the federal and state records are presented below.

A summary of sites identified through the federal and state regulatory agency database review is provided in the following table:

Federal and State List	Search Radius*	No. of Sites within Search Radius	BDC Site Appears on List	Parcels A or B Appears on List
National Priorities List for Federal Superfund Cleanup (NPL)	1 mile	0	No	No
Delisted NPL Site List	1 mile	0	No	No
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), including CERCLIS NFRAP Sites	½ mile	1	No	No
Resource Conservation and Recovery Information System – Corrective Action Activity (RCRIS CORRACTS) and Non-CORRACTS Treatment, Storage, or Disposal Facilities (RCRIS-TSD)	1 mile / ½ mile	0	No	No
Resource Conservation and Recovery Information System Generators/Transporters (RCRIS LQG/SQG/CESQG)	¼ mile	0/0/1	No	No

PHASE I ENVIRONMENTAL SITE ASSESSMENT
 BROOKLYN DEVELOPMENTAL CENTER - 888 FOUNTAIN AVENUE
 BOROUGH OF BROOKLYN, KINGS COUNTY, NEW YORK

Federal and State List	Search Radius*	No. of Sites within Search Radius	BDC Site Appears on List	Parcels A or B Appears on List
Federal Institutional Control/Engineering Control Registries	½ mile	0/0	No	No
Emergency Response Notification System (ERNS)	Site	N/A ¹	No	N/A ¹
Aerometric Information Retrieval System (US AIRS)	Site	N/A ¹	Yes	N/A ¹
Hazardous Substance Waste Disposal Site Inventory (HSWDS)	½ mile	0	No	No
New York State Inactive Hazardous Waste Disposal Sites (SHWS)	1 mile	4	No	No
New York State Deleted Inactive Hazardous Waste Disposal Sites (DEL SHWS)	1 mile	0	No	No
Solid Waste Facilities/Landfill Sites (SWF/LF)	½ mile	4	No	No
Vapor Reopened	1 mile	0	No	No
Leaking Underground Storage Tanks (LTANKs)	½ mile	3	Yes	No
Petroleum Bulk Storage Tanks (USTs/ASTs)	¼ mile	7/4	Yes	No
Chemical Bulk Storage Tanks (USTs/ASTs)	¼ mile	0/1	No	No
New York Spills (NY SPILLS)	1/8 mile	2	Yes	No

PHASE I ENVIRONMENTAL SITE ASSESSMENT
 BROOKLYN DEVELOPMENTAL CENTER - 888 FOUNTAIN AVENUE
 BOROUGH OF BROOKLYN, KINGS COUNTY, NEW YORK

Federal and State List	Search Radius*	No. of Sites within Search Radius	BDC Site Appears on List	Parcels A or B Appears on List
New York Institutional Control/Engineering Control Registries	½ mile	1/1	No	No
State Toxic Release Inventory System (TRIS)	¼ mile	0	No	No
Facility Index / Registry System (FINDS)	Site	N/A ¹	No	N/A ¹
New York State Voluntary and Brownfield Cleanup Program Sites (VCP/BCP)	1 mile	1/0	No	No
NY E-Designation Site	¼ mile	0	No	No
Registered Dry Cleaners	½ mile	0	No	No
EDR US Historical Auto Stations	¼ mile	0	No	No
EDR US Historical Cleaners	½ mile	0	No	No
NY Manifest	¼ mile	2	No	No
NJ Manifest	¼ mile	1	No	No
Manufactured Gas Plant (MGP) Sites ²	1 mile	0	No	No

* The surrounding area search radius indicates the radial area (measured from the perimeter of the BDC site) for which the database review was performed.

¹N/A - Not Applicable

² This database consists of a compilation of historic resources (as early as the late 1800s) prepared by EDR that does not require updates. The last MGP in New York State ceased operations in 1972.

The following subsections provide a discussion of the listings that have been identified within the search radii and are in the table above:

National Priorities List of Federal Superfund Cleanup (NPL)

The NPL database is a listing of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA or "Superfund"). A site must be on the NPL to receive money from the Trust Fund for Remedial Action.

Findings: Neither the BDC site nor any other facility within one mile of the BDC site are listed in the NPL Site List.

Delisted NPL Site List

The EPA may delete a final NPL site if it determines that no further response is required to protect human health or the environment. Under Section 300.425(e) of the National Contingency Plan (55 FR 8845, March 8, 1990). Sites that have been deleted from the NPL remain eligible for further Superfund-financed remedial action in the unlikely event that conditions in the future warrant such action. Partial deletions can also be conducted at NPL sites.

Findings: Neither the BDC site nor any other facility within one mile of the BDC site are listed the Delisted NPL Site List.

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

CERCLIS is the USEPA's system for tracking potential hazardous-waste sites within the Superfund program. A site's presence on CERCLIS does not imply a level of federal activity or progress at a site, nor does it indicate that hazardous conditions necessarily exist at the location. Within one year of being entered into CERCLIS, the USEPA performs a preliminary assessment of a site. Based upon the results of the preliminary assessment, the USEPA may conduct additional investigation, which could lead to a site being listed on the NPL. As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from the CERCLIS list. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to warrant Federal Superfund Action or NPL consideration

Findings: The BDC site is not listed in the CERCLIS or CERCLIS-NFRAP databases. One (1) NFRAP site is identified within 1/2 mile of the BDC site. It is the opinion of STV that only those sites within 1/8-mile or less from the subject site present any potential environmental concern. The identified site, Brooklyn Union Gas/Spring Creek Gate Station at 745 Montauk Avenue, is greater than 1/4 mile from the BDC site. USEPA archived the site in 1986. This NFRAP site is not considered a REC/VEC with respect to Parcels A or B and is therefore not expected to have an impact on the environmental integrity of Parcels A or B.

Resource Conservation and Recovery Information System (RCRIS) – Treatment, Storage, or Disposal Facilities (TSD) and RCRIS Corrective Action Activity (CORRACTS)

The Resource Conservation and Recovery Act (RCRA) program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRIS database tracks facilities that treat, store, and/or dispose of hazardous waste as defined by RCRA (referred to as TSD facilities). The RCRIS CORRACTS database identifies TSD facilities that have conducted, or are currently conducting, corrective action(s) as regulated under RCRA.

Findings: Neither the BDC site nor any other facility within one mile of the BDC site are listed in the RCRIS CORRACTS database and neither the BDC site nor any other facility within one-half mile of the BDC site are listed in the RCRIS-TSD database.

Resource Conservation and Recovery Information System Generators/Transporters (RCRIS Gen/Trans)

This list includes operations that generate or transport hazardous waste for which a hazardous waste generator identification number or transporter permit is required. The RCRIS Gen/Trans listing is merely a listing of all facilities that, due to the amount of hazardous waste generated, are required to register with the USEPA for tracking purposes, but are not necessarily those with reported contamination incidents.

Findings: The BDC site was not listed in the RCRIS Gen/Trans database. One (1) RCRA Conditionally Exempt Small Quantity Generator (RCRA-CESQG) was listed within a ¼ mile radius of the BDC site. It is the opinion of STV that only those sites within 1/8-mile or less from the subject site present any potential environmental concern. The identified site, NYCDEP BWT Spring Creek WCPC at 12720 Flatlands Avenue is greater than ¼ mile from the BDC site. Based on the lack of USEPA compliance violations and small quantities of wastes handled, this RCRA-CESQG site is not considered a REC/VEC with respect to Parcels A or B and is therefore not expected to have an impact on the environmental integrity of Parcels A or B.

Federal Institutional Control/Engineering Control Registries

The Federal Institutional Control/Engineering Control Registries are listings of sites with engineering controls and/or institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining at a site. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or affect human health.

Findings: Neither the BDC site nor any other facility within one-half mile of the BDC site are listed in the Federal Institutional Control/Engineering Control Registries.

Emergency Response Notification System (ERNS)

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

Findings: The BDC site is not listed in the ERNS database.

Aerometric Information Retrieval System (US AIRS)

US AIRS contains compliance data on air pollution point sources regulated by the USEPA or state/local air regulatory agencies.

Findings: The BDC site was identified as a US AIRS site. The SIC code associated with the Site is "8069-Specialty Hospitals Except Psychiatry". This site is currently owned or operated by the State. Potential emissions from this source are below all applicable major source thresholds if and only if the source complies with federally-enforceable regulations or limitations. According to the database, it was determined that the BDC site was in compliance with procedural requirements in the Air Program areas of Title V Permits, State Implementation Plan (SIP), New Source Performance Standards (NSPS) from March 2007 to February 2013 after completion of a Full Compliance Evaluation (FCE) and Partial Compliance Evaluation (PCE) at this site by the State. This site was also historically determined to be in compliance from 2010-2013. No violations were identified in connection with the Site. Due to the absence of violations, this listing is not considered a REC/VEC with respect to Parcels A or B and is therefore not expected to have an impact on the environmental integrity of Parcels A or B.

Federal Hazardous Substance Waste Disposal Site Inventory (HSWDS)

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that USEPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites. The sites on the list will not automatically be made Superfund sites; rather each site will be further evaluated for listing on the Registry.

Findings: Neither the BDC site nor any other facility within one-half mile of the BDC site are listed in the Federal HSWDS database.

New York State Hazardous Waste Sites (SHWS)

The New York State Hazardous Waste Sites database, compiled by the New York State Department of Environmental Conservation (NYSDEC), maintains information regarding the investigation and cleanup of suspected hazardous waste sites.

Findings: The BDC site was not listed in the SHWS database. Four (4) SHWS facilities were listed within 1 mile of the BDC site. It is the opinion of STV that only those sites within 1/8-mile or less from the subject site present any potential environmental concern. The identified sites are all greater than 1/2 mile from the BDC site. It is noted that one of the listed sites, Former Majestic Garment Cleaners at 740 Pine Street (located approximately 3,600 feet to the north and hydraulically up-gradient) is identified as a site with significant threat to the public health or environment. The contaminants of concern include tetrachloroethylene (PCE), trichloroethylene (TCE), 1,2-dichloroethylene (1,2-DCE), vinyl chloride and benzo (a) pyrene which were detected in elevated concentrations in the groundwater at this site. Soil vapor intrusion sampling is ongoing at this site due to possibility of vapors from site related chemicals to migrate into nearby homes. As the site is not adjacent to the BDC site and that groundwater is and will not be used for potable water supply, this SHWS is not considered a REC/VEC with respect to

Parcels A or B and is therefore not expected to have an impact on the environmental integrity of Parcels A or B.

New York State Deleted Inactive Hazardous Waste Disposal Sites (DEL SHWS)

The New York State Deleted Inactive Hazardous Waste Disposal Sites database, compiled by the NYSDEC, maintains information regarding sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Findings: Neither the BDC site nor any other facility within one mile of the BDC site are listed in the DEL SHWS database.

Solid Waste Facilities/Landfill Sites (SWF/LF)

The SWF database is a comprehensive listing of State permitted/recorded solid waste management facilities.

Findings: The BDC site was not listed in the SWF/LF database. Four (4) Landfill sites are listed within 1/2 mile of the BDC site. It is the opinion of STV that only those sites within 1/8-mile or less from the subject site present any potential environmental concern. Three (3) of these SWF/LF sites are inactive. The remaining active site, Spring Creek Depot at 12720 Flatlands Avenue is listed as composting yard waste. As such, this SWF/LF site is not considered a REC/VEC with respect to Parcels A or B and is therefore not expected to have an impact on the environmental integrity of Parcels A or B.

Vapor Reopened

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Findings: Neither the BDC site nor any other facility within one mile of the BDC site are listed in the Vapor Reopened list.

Leaking Underground Storage Tanks (LTANKs)

The LTANKs list is an inventory of reported spills and leaks, both active and inactive. It includes stationary and non-stationary source spills reported to state, tribal and federal agencies, including remediated and contaminated leaking UST sites.

Findings: The BDC site has a record of two (2) LTANK cases. A release of #2 fuel oil was reported during the tank integrity testing on four (4) 25,000-gallon USTs on June 15, 1988 and a spill number of 8802368 assigned to this incident. It was discovered that manhole bolts and gaskets were missing for three of the four USTs. This LTANK case received closure from the NYSDEC on November 14, 1994. A subsequent release of #2 fuel oil was reported due to tank test failure of one of the four (4) USTs on February 1, 1994 and a spill number of 9312879 assigned to this incident. In response to the incident, an inspection was conducted by a NYSDEC official on February 22, 1994 and it was observed that all four (4) USTs were out of service, as heating was provided by natural gas. The four (4) USTs were reported to have been

replaced. The NYSDEC further concluded that this incident was merely a tank tightness testing failure case and there was no evidence that actual petroleum substances had been spilled into the soil and groundwater. NYSDEC determined there was no threat to human health or environment and closed the LTANK case on June 13, 2013. Based on the fact that both LTANK cases received closure from the NYSDEC and based on the current regulatory status, these past incidents do not represent a significant environmental concern. As such, these LTANK cases are not considered RECs/VECs with respect to Parcels A or B and are therefore not expected to have an impact on the environmental integrity of Parcels A or B.

The database search identified three (3) additional LTANK incidents within one-half mile of the BDC site. It is the opinion of STV that only those sites within 1/8-mile or less from the subject site present any potential environmental concern. Only one (1) of the spill cases remains open with the NYSDEC. Varsity Bus Company at 626 Wortman Avenue is located approximately 2,400 feet northwest (hydraulically upgradient) of the BDC site. A release of gasoline was reported from this site on December 29, 1992 due to tank test failure. Commander Bus Company was identified as the responsible party and a spill number of 9211217 assigned to this incident. Pursuant to the spill, thirty (30) USTs and one (1) AST were removed from this site as part of a tank upgrade process. Beginning 1999, several groundwater wells have been installed at the site and quarterly monitoring has been periodically conducted at the site. Product analysis revealed a mixture of product beneath the site including # 1 and #2 fuel oil, composite motor oil and gasoline. The product plume has been defined and remains on that site. A LNAPL recovery system was installed on this site on November 10, 2009 and since the start of operations to May 2012 nearly 27,000,000 gallons of groundwater have been treated and 46.79 gallons of VOCs have been removed. As such, this LTANK case is not considered a REC/VEC with respect to the Parcels A or B and is therefore not expected to have an impact on the environmental integrity of Parcels A or B.

Petroleum Bulk Storage Tanks (USTs/ASTs)

The NYSDEC Petroleum Bulk Storage - Underground Tanks (UST) database lists facilities with a petroleum storage capacity of more than 1,100 gallons and less than 400,000 gallons. The NYSDEC Petroleum Bulk Storage - Aboveground Tanks (AST) database lists facilities with registered above ground storage tanks. The Petroleum Bulk Storage (PBS) Tank database is a listing of all facilities that are required to register their storage tanks for tracking purposes and not necessarily those with reported contamination incidents.

Findings: The BDC site has a record of one (1) 25,000-gallon steel/carbon steel #1,2 or 4 fuel oil UST which was installed on March 1, 1971 and closed (removed) on September 1, 1998; one (1) 25,000-gallon steel/carbon steel empty UST which was installed on March 1, 1971 and closed (removed) on February 1, 1994; one (1) 25,000-gallon steel/carbon steel #1,2 or 4 fuel oil UST which was installed on March 1, 1971 and closed (removed) on March 1, 1998 and one (1) 25,000-gallon steel/carbon steel empty UST which was installed on March 1, 1971 and closed (in place) on February 1, 1994. The BDC site also has a record of two (2) 25,000-gallon fiberglass reinforced plastic (FRP) #1,2 or 4 fuel oil USTs which were installed on December 1, 1998. Releases in connection with the historic USTs are further discussed under the LTANKs section.

No other PBS sites were identified within one-quarter mile from the BDC site.

Chemical Bulk Storage Tanks (USTs/ASTs)

The NYSDEC chemical bulk storage (CBS) tank database was researched to identify listings for the BDC site and properties within the search radius.

Findings: The BDC site was not listed in the CBS database. One (1) CBS-AST is listed within a ¼ mile radius of the BDC site. It is the opinion of STV that only those sites within 1/8-mile or less from the subject site present any potential environmental concern. The identified site, Spring Creek Depot at 12720 Flatlands Avenue is less than ¼ mile from the BDC site. This CBS site has two (2) 12,000-gallon sodium hypochlorite ASTs. Based on the absence of spill records, distance and hydraulic gradient, this CBS site is not considered a REC/VEC with respect to Parcels A or B and is therefore not expected to have an impact on the environmental integrity of Parcels A or B.

New York State Spills List (NY SPILLS)

The NY SPILLS List contains data collected on chemical and petroleum spill incidents reported to NYSDEC since April 1, 1986.

Findings: The BDC site has a record of two (2) SPILLS cases. A release of #2 fuel oil was reported during the tank integrity testing on four (4) 25,000-gallon USTs on June 15, 1988 and a spill number of 8802368 assigned to this incident. It was discovered that manhole bolts and gaskets were missing for three of the four USTs. This case received closure from the NYSDEC on November 14, 1994. A subsequent release of #2 fuel oil was reported due to tank test failure of one of the four (4) USTs on February 1, 1994 and a spill number of 9312879 assigned to this incident. In response to the incident, an inspection was conducted by a NYSDEC official on February 22, 1994 and it was observed that all four (4) USTs were out of service, as heating was provided by natural gas. The four (4) USTs were reported to have been replaced. The NYSDEC further concluded that this incident was merely a tank tightness testing failure case and there was no evidence that actual petroleum substances had been spilled into the soil and groundwater. NYSDEC determined there was no threat to human health or environment and closed the case on June 13, 2013. Based on the fact that both SPILLS cases received closure from the NYSDEC and based on the current regulatory status, these past incidents do not represent a significant environmental concern. As such, these NY SPILLS cases are not considered RECs/VECs with respect to Parcels A or B and are therefore not expected to have an impact on the environmental integrity of Parcels A or B.

Two (2) other NY SPILLS cases sites were identified within 1/8 mile of the Site. All of these sites are located adjacent to the BDC site. A shopping mall at Erskein and Vandelia Avenue is located adjacent to (west of) Parcel A. A release of waste oil was reported from this site on February 26, 2008. The NYSDEC investigated this site to confirm if any car dismantling or maintenance was taking place at this site. Based on the absence of these activities actively taking place on the site and the absence of any significant staining, this listing received closure from the NYSDEC on March 6, 2008. The Home Depot at Erskein and Vandelia Avenue is located adjacent to (west of) Parcel A. A release of an unknown material was reported from this site on June 2, 2004. The release was likely from two 55-gallon drums located on the site which contained an unknown material. This listing received closure from the NYSDEC on June 2, 2004. Based on the current regulatory status, these NY SPILLS cases are not considered RECs/VECs with respect to Parcels

A or B and are therefore not expected to have an impact on the environmental integrity of Parcels A or B.

New York State Toxic Release Inventory System (TRIS)

The Toxic Release Inventory System (TRIS) is a database used to collect information and report releases of toxic chemicals to the air, water, and land in reportable quantities.

Findings: Neither the BDC site nor any other facility within one-quarter mile of the BDC site are listed in the TRIS database.

Facility Index System / Facility Registry System (FINDS)

The Facility Index System / Facility Registry System (FINDS) contain both facility information and 'pointers' to other sources that contain more detail.

Findings: The BDC site is listed in the FINDS database. The database refers to the US AIRS listing.

New York State Voluntary and Brownfield Cleanup Program Sites (VCP/BCP)

The Voluntary and Brownfield remedial programs involve mostly private entities and private funds to remediate contaminated sites and return the properties to productive use. The NYSDEC VCP/BCP database was researched to identify listings for the site and within a one mile radius of the site.

Findings: The BDC site was not listed in the VCP or BCP databases. One (1) VCP site was identified within ½ mile of the BDC site. S&S X-Ray ay 1101 Linwood Street is greater than ¼ mile from the BDC site and is hydraulically cross-gradient. As such, this VCP case is not considered a REC/VEC with respect to Parcels A or B and is therefore not expected to have an impact on the environmental integrity of Parcels A or B.

New York Institutional Control/Engineering Control Registries

The New York Institutional Control/Engineering Control Registries contain listings of those sites that have either engineering and/or institutional controls in place. Engineering controls include various physical control devices such as fences, caps, building slabs, paved areas, liners and treatment methods to eliminate pathways for regulated substances to enter the environment or effect human health. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions (Activity and Use Limitations) are required as part of institutional controls.

Findings: The BDC site was not listed in the NY Institutional Control/Engineering Control Registries. One (1) site within ½ mile of the BDC site is listed in both the NY Institutional Control and Engineering Control Registries. S&S X-Ray ay 1101 Linwood Street is greater than ¼ mile from the BDC site and is hydraulically cross-gradient. As such, this Institutional Control/Engineering Control listing is not considered a REC/VEC with respect to Parcels A or

B and is therefore not expected to have an impact on the environmental integrity of Parcels A or B.

E-Designation Site Listing (E-Designation)

The E (Environmental) Designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The E-designations require that the owner of the sites conduct testing and sampling following set protocols, to the satisfaction of city agencies. In addition, the owner must remediate when appropriate.

Findings: Neither the BDC site nor any other facility within one-quarter mile of the BDC site are listed in the E-Designation database.

Registered Dry Cleaners

The NYSDEC registered dry cleaners database was researched to identify listings within one-quarter mile of the Site.

Findings: Neither the BDC site nor any other facility within one-half mile of the BDC site are listed in the Registered Dry Cleaners database.

EDR Exclusive Historic Auto Stations (EDR US Hist Auto Stat)

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Findings: Neither the BDC site nor any other facility within one-half mile of the BDC site are listed in the Historic Auto Stations database.

EDR Exclusive Historic Dry Cleaners (EDR US Hist Cleaners)

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Findings: Neither the BDC site nor any other facility within one-half mile of the BDC site are listed in the Historic Dry Cleaners database.

NY Manifest

The NY Manifest database is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Findings: The BDC site is not listed as a NY Manifest site. Three (3) NY manifest sites were identified within a ¼ mile radius of the BDC site. These sites are not located adjacent to Parcels A or B and information provided within the EDR report indicates that there are no listed violations or corrective actions taken for these sites. Therefore, these NY Manifest sites are not considered RECs/VECs with respect to Parcels A or B and are therefore not expected to have an impact on the environmental integrity of Parcels A or B.

NJ Manifest

The NJ Manifest database is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Findings: The BDC site is not listed as a NJ Manifest site. One (1) NJ manifest site was identified within a ¼ mile radius of the BDC site. This site is not located adjacent to Parcels A or B and information provided within the EDR report indicates that there are no listed violations or corrective action taken for this site. Therefore, this NJ Manifest site is not considered a REC/VEC with respect to Parcels A or B and is therefore not expected to have an impact on the environmental integrity of Parcels A or B.

Manufactured Gas Plant Sites (Coal Gas)

Manufactured gas sites were used in the United States from the 1800's to the 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water and produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils, and other compounds are potentially hazardous to human health and the environment. The byproducts were frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination. The Manufactured Gas Plant (MGP) Sites database was researched to identify any listings for the Site and within a one-mile radius of the Site.

Findings: Neither the BDC site nor any other facility within one mile of the BDC site are listed in the MGP database.

Orphan Listings

A review of the Orphan Listings in the database search report indicated a total of 20 listings. The Orphan sites are not considered RECs based on their estimated distances from the BDC site (none adjacent or on the BDC site block) and/or the nature of the activity/release.

6.2 Local Regulatory Agency Research

A review of local records for the BDC site was accomplished by research online City records.

According to the City of New York Department of Finance online file review, there are no environmental liens filed in their office with respect to the subject site.

According to the City of New York Department of Buildings (DOB) online file review, the following records were identified:

Complaints

- Complaint for no secondary egress in November 1994. Following a DOB inspection, no violation was warranted and the complaint was considered resolved.
- Complaint for an illegal billboard (pulled by a pick-up truck) for a flea market at the northeast corner of Seaview Avenue and Erskine Street in June 2012. The complaint was assigned to Special Operations and is still active.
- Complaint for an open and unguarded building in June 2012. Following a DOB inspection, no violation was warranted and the complaint was considered resolved.

Violations

- An unspecified DOB violation was resolved and closed in September 1987.

Actions

- A Letter of No Objection was issued in June 2013 for a day care wing for up to 45 children.

Permits Issued

- A permit was issued for a curb cut along Erskine Street in February 2002.

None of these local records are considered RECs/VECs with respect to Parcels A or B and are therefore not expected to have an impact on the environmental integrity of Parcels A or B.

7.0 USER RESPONSIBILITIES

7.1 Valuation Reduction for Environmental Issues

No information was available at the time of the assessment regarding the relationship of the purchase price of the property to the fair market value of the property. If information is received regarding valuation reduction for environmental issues which changes the conclusions or recommendations presented in this report, an addendum will be submitted to the ESD.

7.2 Knowledge or Experience of the User

According to information obtained from ESD and the representative from the BDC, the BDC is not currently aware of any specialized knowledge or experience that is material to RECs in connection with Parcels A or B. Additionally, the BDC is not currently aware of any specialized knowledge or experience that may be important to the screening of VECs in connection with Parcels A or B.

7.3 Commonly Known or Reasonably Ascertainable Information

According to information obtained from ESD and the representative from the BDC, the BDC is not currently aware of any commonly known or reasonably ascertainable information within the local community about the property that is material to RECs in connection with Parcels A or B. Additionally, the BDC is not currently aware of commonly known or reasonably ascertainable information within the local community important to the screening of VECs in connection with Parcels A or B.

7.4 The Degree of Obviousness of the Presence or Likely Presence of Contamination at the Property

According to information obtained from ESD and the representative from the BDC, the BDC is not currently aware of any obvious indicators that point to the presence or likely presence of releases at Parcels A or B. Additionally, the BDC is not currently aware of any obvious indicators important to the screening of VECs in connection with Parcels A or B.

8.0 SITE RECONNAISSANCE AND INTERVIEWS

8.1 Methodology and Limiting Conditions

The inspection of the Parcels A or B included observations of Parcels A or B and surrounding area (Site reconnaissance) that were made to identify potential sources or indications of hazardous substances, including: ASTs; USTs; tank vents and fill ports; transformers and other items that could contain PCBs; waste storage areas; hazardous materials usage, storage, and disposal; stained surfaces and soils; stressed vegetation; leaks; and, odors. In addition, readily-observable portions of the properties immediately adjacent to Parcels A or B were viewed from public rights-of-way to identify or determine the likelihood of any of the aforementioned potential sources of contamination being present. There were no limiting conditions with respect to impact on the accuracy of the Site reconnaissance.

8.2 Site Reconnaissance

Michael L. Francis, Ph.D. of STV performed the inspection of Parcels A and B on June 17, 2014, and was accompanied by Mr. Thomas Conoscenti of EDC, Elizabeth Knauer, Esq. of Sive, Paget & Riesel, PC, and Cade Hobbick of STV. The weather was approximately 80° F with sunshine and there were no limitations caused by the weather. *Appendix C* provides representative photographs of the Site.

Parcel A is an undeveloped 2-acre (approx.) tract located in the southwest portion of the existing BDC site with 134 feet of frontage along Seaview Avenue and 284 feet of frontage along Erskine Street. Parcel B is an undeveloped 4.7-acre (approx.) tract located in the northernmost portion of the BDC site with 690 feet of frontage along Vandalia Avenue, 246 feet of frontage along Fountain Avenue and 283 feet of frontage along Erskine Street.

8.3 Current and Historical Use Interviews

The following knowledgeable persons were interviewed with regard to the Site pursuant to ASTM 1527-13 Section 10:

8.3.1 Current Property Owner

The BDC site is currently owned by the New York State Medical Care Facility and the Facilities Development Corporation since 1972. Based on the research, the People of New York owned the property prior to 1972. The review of current and historical ownership and tax records information did not reveal evidence of RECs or VECs associated with prior use of the BDC site.

8.3.2 Current Site Operator or Key Site Manager

Name	Title/Company	Years Associated with Site
Mr. Steven Sill	Plant Superintendent, BDC	10

8.3.3 Site Occupants

Other than the Owner's representative, BDC site employees or occupants were not available to interview during this assessment.

8.3.4 Past Owners, Operators and Occupants

Past owners or occupants of the BDC site were not available to interview during this assessment. STV was unable to obtain contact information from any previous owners or occupants.

8.3.5 Report User

Name	Title/Company	Years Associated with Site
Ms. Rachel Shatz	Vice President, Planning & Environmental Review Empire State Development	N/A

8.4 Hazardous Substances and Petroleum Products Storage and Handling

8.4.1 Hazardous Substances

No hazardous substances were observed on Parcels A and B. There was no visual or olfactory evidence of hazardous substances. STV concludes that storage and handling of hazardous substances does not represent a REC or VEC for Parcels A or B.

8.4.2 Petroleum Products Storage and Handling

No petroleum storage containers or tanks were observed on Parcels A or B. No surface staining was observed on either parcel. Since there are no reported spills on Parcels A or B, petroleum products storage and handling is not considered a REC/VEC with respect to Parcels A or B.

Gasoline powered snow-blowers and other landscaping equipment was stored within the basement of the main school building and within the mechanical equipment room of the one-story temporary mini school building. There was no visual or olfactory evidence of leakage or floor staining in these areas. STV concludes that storage and handling of petroleum products does not represent a REC/VEC for the Site.

8.5 Solid Waste Generation, Storage and Disposal

No containers for solid waste were observed on Parcels A or B. Solid waste generation, storage, and disposal is not considered a REC or a VEC with respect to Parcels A or B.

8.6 Polychlorinated Biphenyls (PCBs)

Polychlorinated biphenyls (PCBs) are toxic components of various products including, but not limited to caulking materials, light ballasts, and dielectric and hydraulic fluids that were formerly used in electrical equipment such as transformers and hydraulic elevators/lifts. The manufacture and use of PCBs was banned in the United States in 1978.

A pad-mounted transformer was observed on Parcel B behind the temporary office building used by DASNY. No staining was observed around the transformer. As the transformer appears to be relatively new and in good condition, it is not expected to contain PCB's and is not considered a REC or a VEC with respect to Parcels A or B.

8.7 Asbestos-Containing Material (ACM)

The use of most spray-applied asbestos (surfacing material) was banned by the National Emission Standards for Hazardous Air Pollutants (NESHAPS) during the 1970's. Specifically, asbestos-containing spray-on fireproofing and insulation were banned under NESHAPS in 1973 followed by the banning of decorative spray-on applications in 1978. In 1975 NESHAPS also banned the installation of wet-applied and pre-formed asbestos-containing pipe insulation and pre-formed boiler and hot water tank insulation. Although revised in 1990, NESHAPS still prohibits spray-on applications of asbestos-containing materials (ACMs) to buildings, structures, pipes, and conduits unless such material is encapsulated in a bituminous or resinous binder that is not friable after drying. Under the Toxic Substance Control Act (TSCA) the use of asbestos-containing corrugated paper, roll-board, commercial paper, specialty paper, flooring felt and new uses of asbestos were banned in 1989. Notwithstanding the forgoing, most U.S. firms voluntarily ceased production of asbestos containing building materials not covered by the aforementioned Federal bans by the mid-1980s.

No buildings, other than the temporary office building used by DASNY, are present on either Parcel A or B. Due to the age of the temporary building, asbestos-containing building materials (ACBM) are not expected to be present. No suspect materials were observed. It should be noted that no samples were taken at the time of the inspection for laboratory analysis and observations are based on visual inspection only. It is further noted that the temporary building/trailer can be moved without prior abatement and is, therefore, not considered a REC with respect to Parcels A or B.

8.8 Lead-Based Paint (LBP) Survey

Due to the age of the temporary building, lead-based paint is not expected to be present. The painted surfaces appeared to be new and in good condition. Confirmatory testing to date has not been performed for the subject property.

8.9 Regulatory Compliance

The proposed addition is part of P.S. 46, which is listed in the NYSDEC PBS tank database. No violations were reported for this listing. One 7,500-gallon AST containing No. 2 fuel oil is registered as PBS Site No. 2-606236. The tank registration is valid through July 9, 2016. The tank status is listed as 'Active'. STV does not consider regulatory compliance to be an environmental concern for the Site (refer to Section 6.1). This is not considered a REC with respect to Parcels A or B.

8.10 Electromagnetic Fields

A visual inspection was performed for the presence of high voltage power lines and or substations located in close proximity to Parcels A and B. No such power lines or substations were identified; therefore, STV does not consider electromagnetic fields to be an environmental concern at the Parcels A and B.

8.11 Other Environmental Concerns

Based on a review of historic topographic maps, previous reports on adjacent properties and general knowledge of the area, the BDC site was located in an area of suspected former wetlands, and therefore, potential subsurface methane is considered an environmental concern at the site.

9.0 SUMMARY OF FINDINGS

This Phase I Environmental Site Assessment (ESA) was prepared for two proposed development sites (herein referred to as "Parcel A" and "Parcel B"), comprising portions of the Brooklyn Development Center (BDC) campus, which is located at 888 Fountain Avenue, Borough of Brooklyn, Kings County, New York. The overall BDC site is an approximate 35 acre parcel of land in the Starrett City/Spring Creek neighborhood of the East New York section of Brooklyn. It is also part of the Fresh Creek Urban Renewal Area (FCURA) established in 1967. The BDC site (Block 4586, Lot 300) is bound by Vandalia Avenue to the north, Seaview Avenue to the south, Fountain Avenue to the east and Erskine Street to the west. Though currently partially developed for institutional use, the BDC site is located in an area that is otherwise characterized by commercial and multi-family residential properties to the north and west, and undeveloped public parkland and open space to the east and south.

Parcel A is an undeveloped 2-acre (approx.) tract located in the southwest portion of the existing BDC site with 134 feet of frontage along Seaview Avenue and 284 feet of frontage along Erskine Street. Parcel B is an undeveloped 4.7-acre (approx.) tract located in the northernmost portion of the BDC site with 690 feet of frontage along Vandalia Avenue, 246 feet of frontage along Fountain Avenue and 283 feet of frontage along Erskine Street.

The site elevation is approximately 9 feet amsl. The topography within the immediate area of the site slopes slightly to the south. The depth to groundwater is estimated to be approximately 10 feet bgs. According to the GeoCheck Section of the regulatory agency database report, the soil in the area of the Site is described as Urban Land.

The Phase I ESA has revealed the following RECs, CRECs, and/or VECs associated with Parcels A and B:

On-Site RECs/CRECs/VECs:

- Potential buried material and/or historic fill material of unknown origin, as the entire BDC site has been identified within a historic refuse landfill area.
- Potential methane gas due to the presence of historic marshland beneath the fill material on the site.

10.0 CONCLUSIONS AND RECOMMENDATIONS

STV has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 and the requirements of ESD. Any additions to, exceptions to, or deletions from this practice are described in Section 2.0 of this report.

This Phase I ESA has revealed the following RECs and/or VECs associated with Parcels A and B:

On-Site RECs/CRECs/VECs:

- Potential buried material and/or historic fill material of unknown origin, as the entire BDC site has been identified within a historic refuse landfill area.
- Potential methane gas due to the presence of historic marshland beneath the fill material on the site.

Recommendations

STV recommends the completion of a comprehensive Phase II Environmental Site Investigation at Parcels A and B consisting of soil sampling to determine whether the identified RECs have affected the suitability for the use as a residential development. STV also recommends that any buried material or adverse conditions discovered during the investigation and/or construction be identified and properly managed during such activities.

11.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

STV Incorporated (STV) has performed a Phase I ESA of Parcels A and B (part of the Brooklyn Developmental Center), located at 888 Fountain Avenue, Brooklyn, New York. The legal description of the entire BDC site is Block 4586, Lot 300. The scope of the Phase I ESA was consistent with the requirements of ASTM Standard Practice E 1527-13 and of the ESD. Signatures of the Environmental Professionals who participated in conducting this Phase I ESA are provided below. Qualifications for these individuals are provided in *Appendix L*. STV declares that to the best of their professional knowledge and belief, they meet(s) the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. STV has the specific qualifications based on education, training and experience to assess the subject property. STV has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Prepared By:

Michael L. Francis, Ph.D.
Senior Environmental Project Manager



Reviewed By:

Michael V. Tumulty, PE
Vice President/QA/QC

12.0 REFERENCES

Persons Interviewed:

- Mr. Steven Sill, Superintendent, June 17, 2014.

Resources Consulted:

- EDR – Radius Map™ Report with GeoCheck®, January 28, 2014.
- EDR – Historical Sanborn® Maps, February 5, 2014.
- EDR – City Directory Abstract, January 29, 2014.
- FEMA Map Services Center Website - www.msc.fema.gov
- National Wetlands Inventory Website - www.fws.gov/nwi/
- United States Geological Survey Website - <http://www.store.usgs.gov>
- Historical Aerial Photographs – NYCMap website - <http://gis.nyc.gov/doitt/nycitymap/>
- NYC Department of Finance Website - <http://a836-acris.nyc.gov/CP/>
- NYC Department of Buildings Website - <http://a810-bisweb.nyc.gov/bisweb/bsqpm01.jsp>

Documents and Maps:

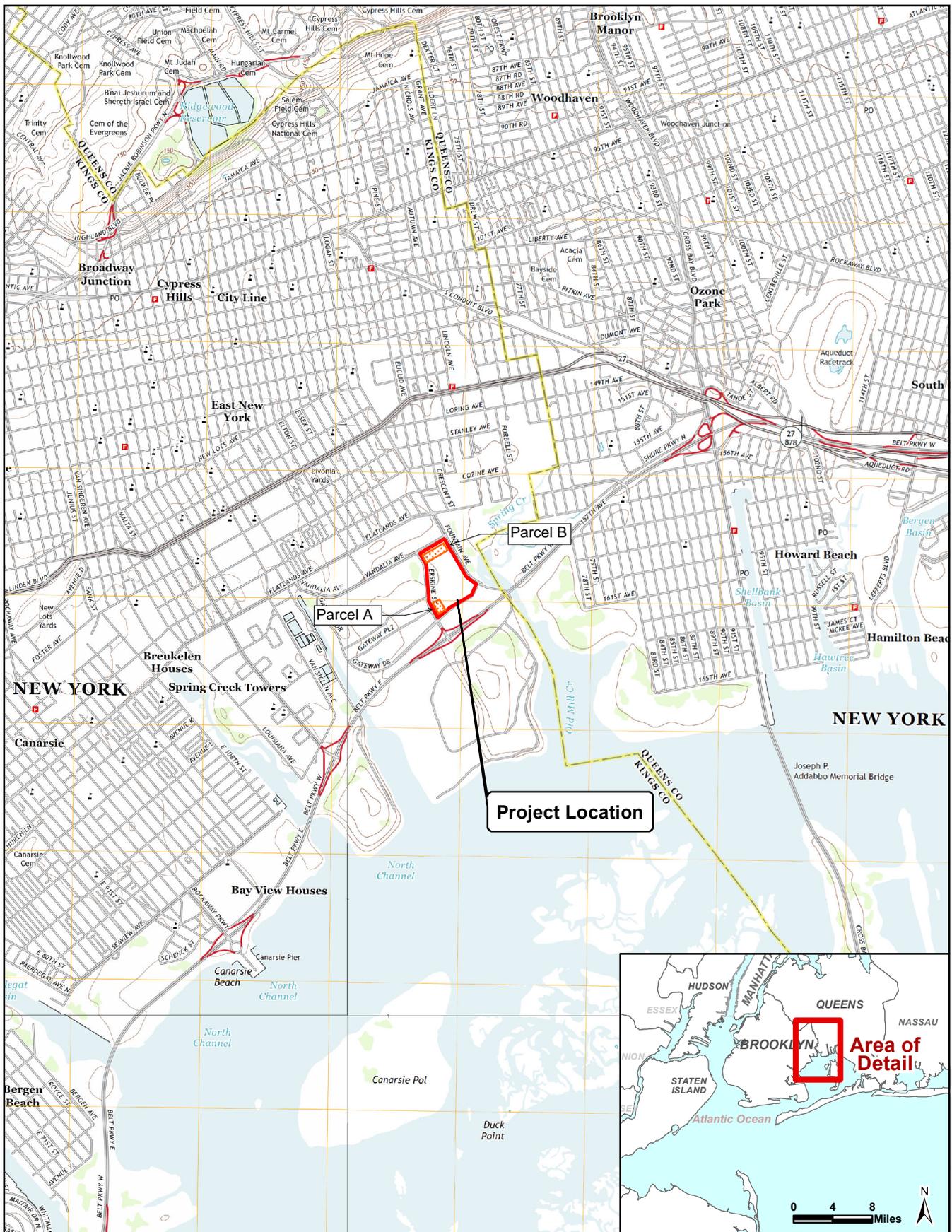
- American Society for Testing and Materials (ASTM) 2013, “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process,” ASTM Designation E 1527-13.
- ASTM E 2600-10 “Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions.”
- NYC Department of Housing Preservation and Development, 2009. Environmental Impact Statement – Gateway Estates II. CEQR No. 07HPD021K
- Historical Perspectives, Inc., 1993, Phase 1A Archaeological Assessment Report – Gateway Estates Site. CEQR No. 93HPD014K

13.0 APPENDICES

- Appendix A** - Project Location Map
- Appendix B** - Aerial Photograph
- Appendix C** - Site Photographs
- Appendix D** - NYC Zoning Map
- Appendix E** - National Wetlands Inventory Map
- Appendix F** - FEMA Flood Insurance Rate Map
- Appendix G** - Historical Topographic Maps
- Appendix H** - Historical Aerial Photographs
- Appendix I** - Historical Sanborn Fire Insurance Maps
- Appendix J** - City Directory Abstract
- Appendix K** - Historical Landfill Map
- Appendix L** - Regulatory Agency Database Report
- Appendix M** - Qualifications of Environmental Professionals

APPENDIX A

PROJECT LOCATION MAP



Project Location
888 Fountain Avenue Development



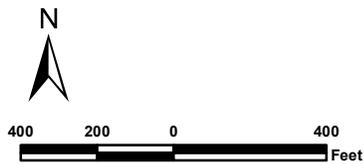
Source: USGS Topographic Map, Brooklyn Quadrangle, 2013; Coney Island Quadrangle, 2013; Far Rockaway Quadrangle, 2013; Jamaica Quadrangle, 2013

APPENDIX B
AERIAL PHOTOGRAPH



Legend

 Project Site



Aerial Photograph
888 Fountain Avenue Development



APPENDIX C
SITE PHOTOGRAPHS



Photo 1: Temporary office building used by DASNY on Parcel B in the northern portion of the BDC site, facing northwest.



Photo 2: Temporary office building on Parcel B, facing northeast.



Photo 3: Rear of temporary office building on Parcel B, facing southeast.



Photo 4: Pad-mounted transformer behind the temporary office building on Parcel B, facing east.



Photo 5: Trailer storage used by DASNY for the storage of furniture, etc. on Parcel B in the northern portion of the BDC site, facing north.



Photo 6: Trailer storage on Parcel, facing southeast.



Photo 7: Parcel B, facing west.



Photo 8: Northwestern portion of Parcel B, facing west.



Photo 9: Existing parking area (to be relocated) in the western portion of Parcel B, facing southwest.



Photo 10: Western portion of Parcel B, facing south.



Photo 11: Parcel A in the southeastern portion of the BDC site, facing south.



Photo 12: Parcel A, facing east.



Photo 13: Parcel A, facing west.



Photo 14: Existing parking area (to be relocated) in the southeastern portion of Parcel A, facing southeast.



Photo 15: Vandalia Avenue and adjacent property to the north (Gateway Estates II under construction), facing north.



Photo 16: Fountain Avenue and adjacent property to the east (Spring Creek Park), facing northeast.



Photo 17: Seaview Avenue and adjacent property to the south (undeveloped parkland), facing south.



Photo 18: Erskine Street and adjacent commercial use to the west (Gateway Development/Home Depot), facing west.



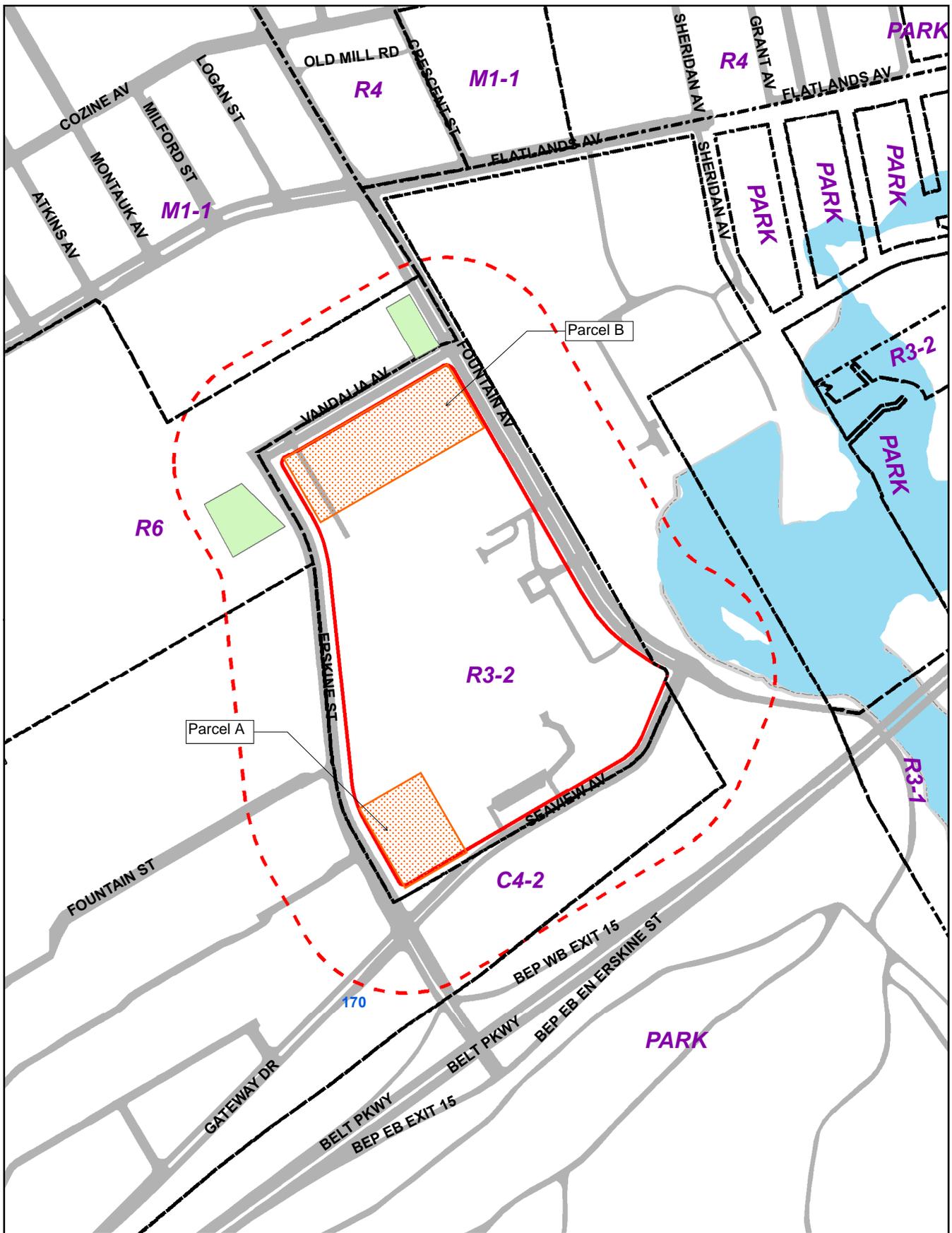
Photo 19: Erskine Street and adjacent commercial use (under construction to the west (Gateway II), facing northwest.



Photo 20: Erskine Street and adjacent residential use (under construction) to the west (Gateway II), facing west.

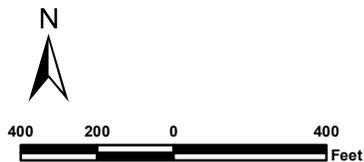
APPENDIX D

NEW YORK CITY ZONING MAP



Legend

- Project Site
- Study Area
- Commercial Overlay Districts

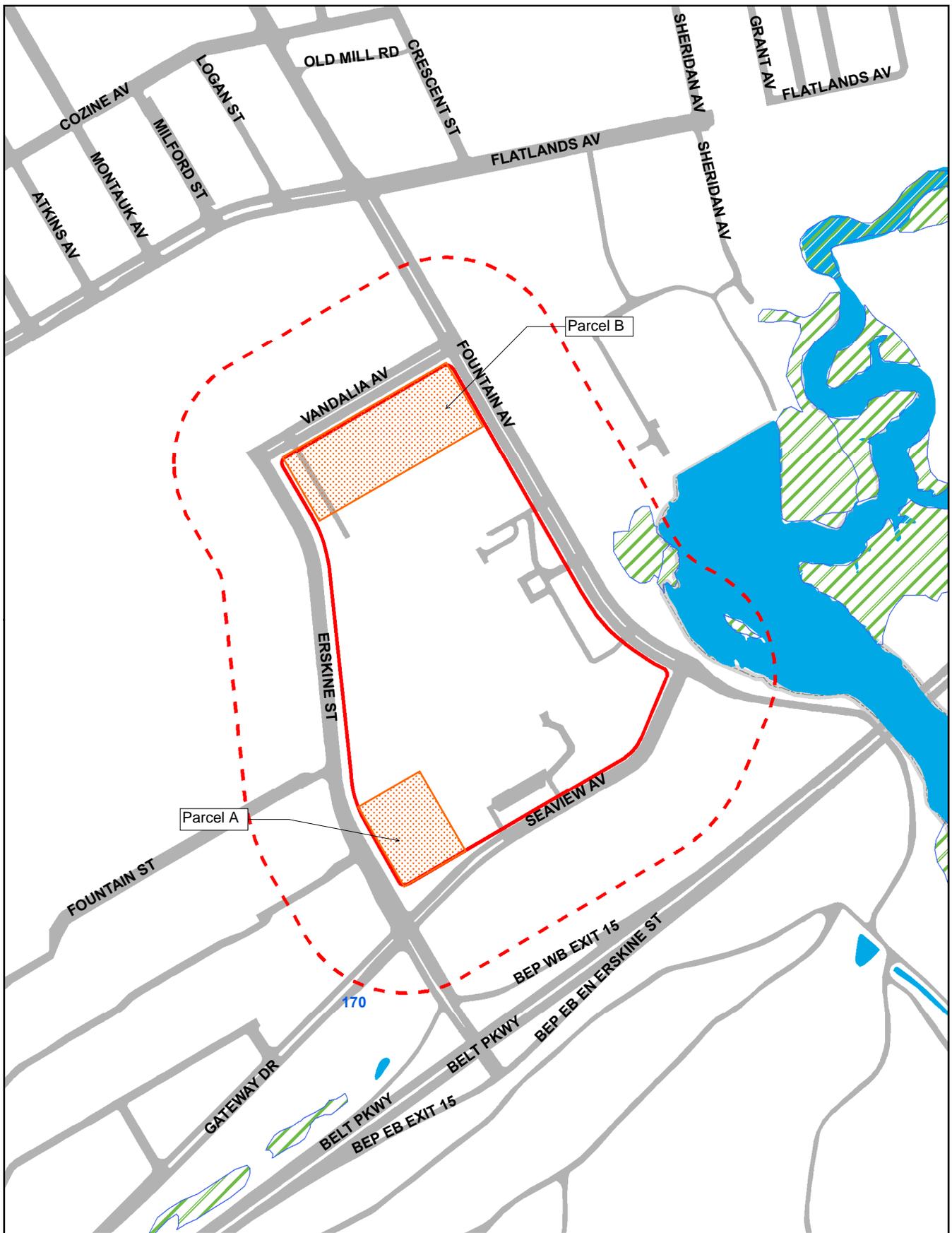


Zoning

888 Fountain Avenue Development

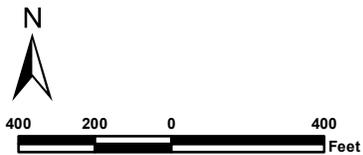
APPENDIX E

NATIONAL WETLANDS INVENTORY MAP



Legend

-  Project Site
-  Study Area
-  Estuarine and Marine Wetland



Wetlands

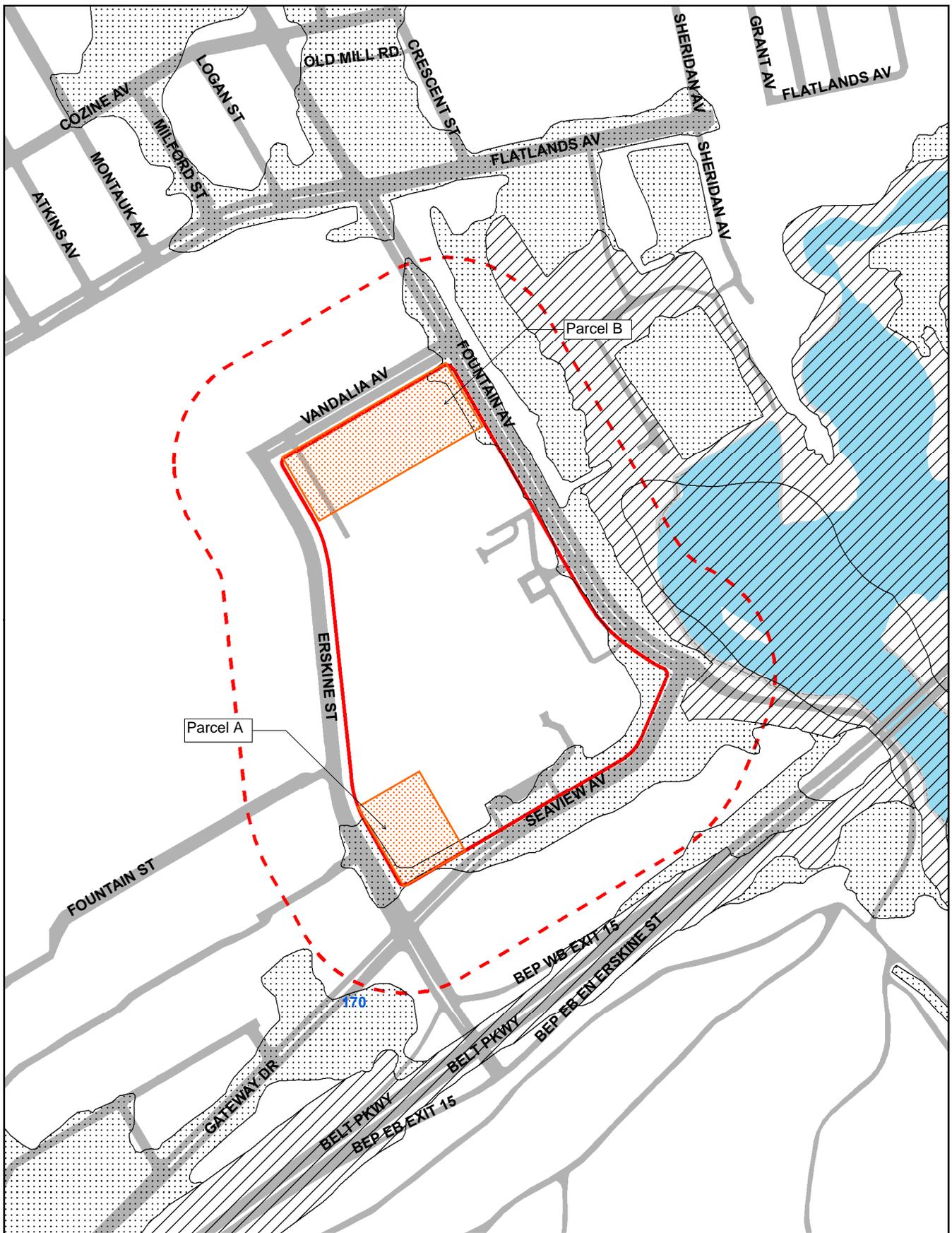
888 Fountain Avenue Development



Source: U.S. Fish and Wildlife Service, National Wetlands Inventory, May 1, 2014

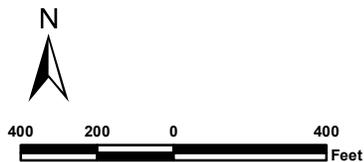
APPENDIX F

FEMA FLOOD INSURANCE RATE MAP



Legend

-  Project Site
-  Study Area
-  500-Year Flood Zone
-  100-Year Flood Zone



FEMA Flood Zone
 888 Fountain Avenue Development



APPENDIX G

HISTORICAL TOPOGRAPHIC MAPS



Legend

 Project Site

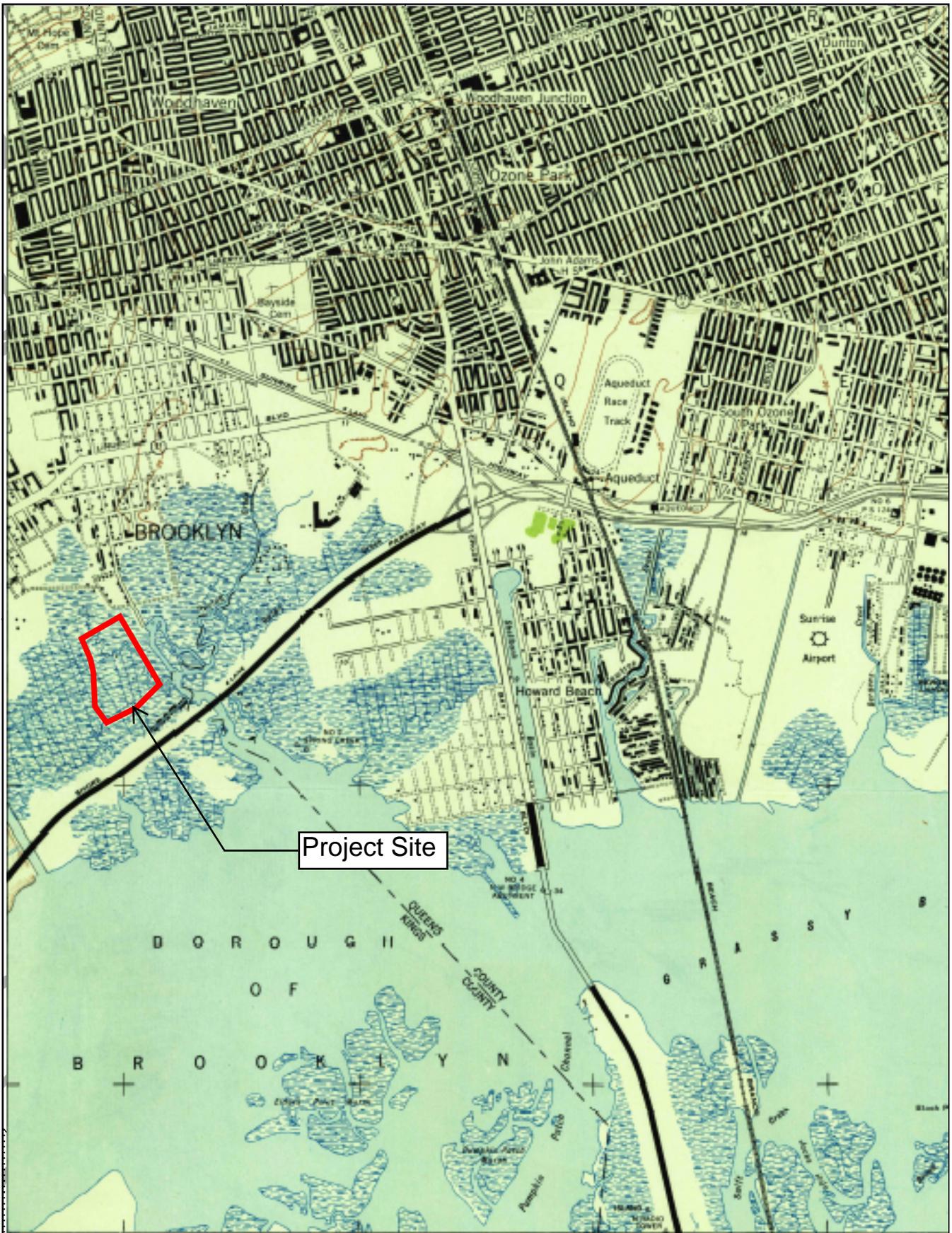


1900 Topographic Map

888 Fountain Avenue Development



Source: United States Geological Survey, Brooklyn, NY 15-minute Quadrangle



Legend

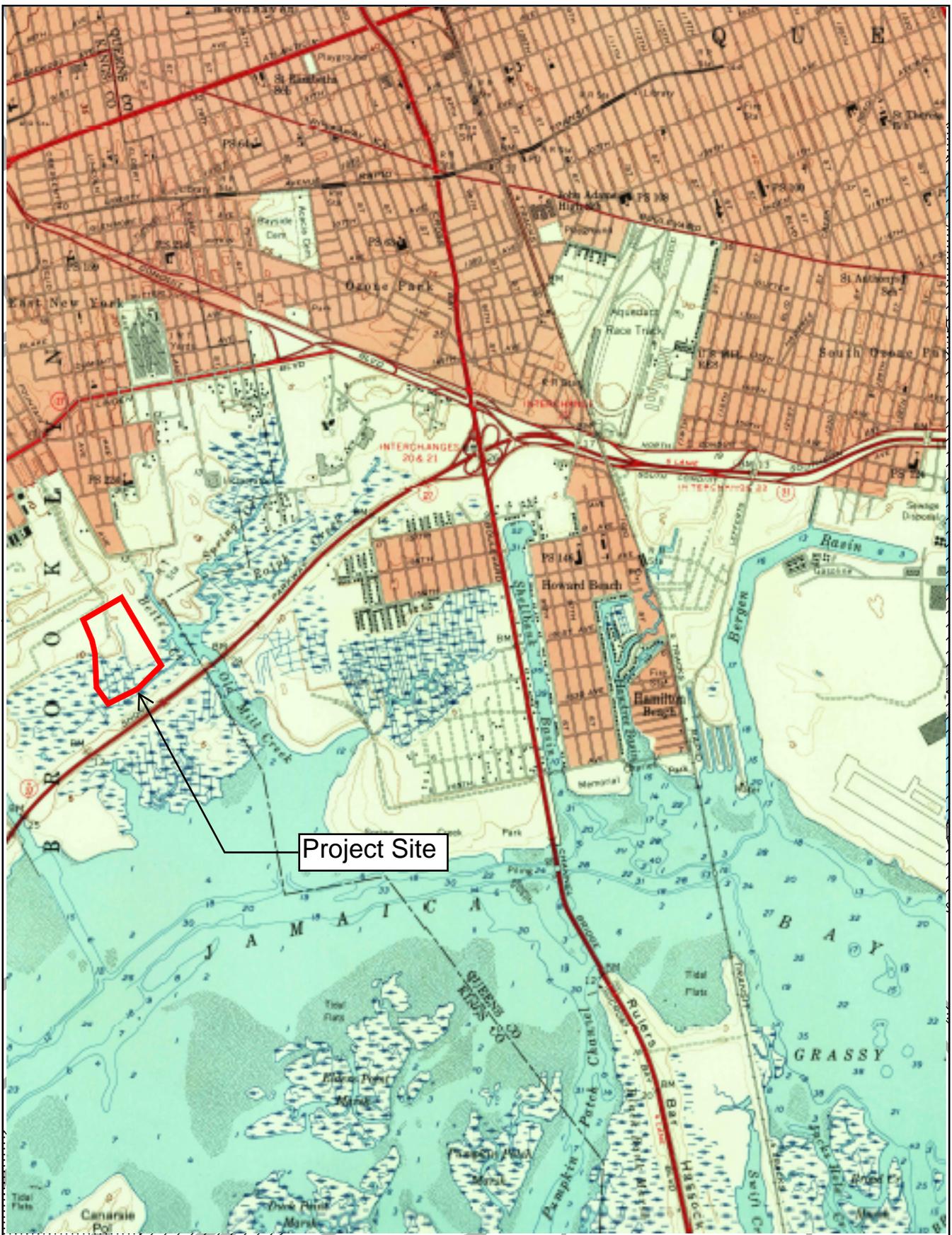
 Project Site



1947 Topographic Map

888 Fountain Avenue Development





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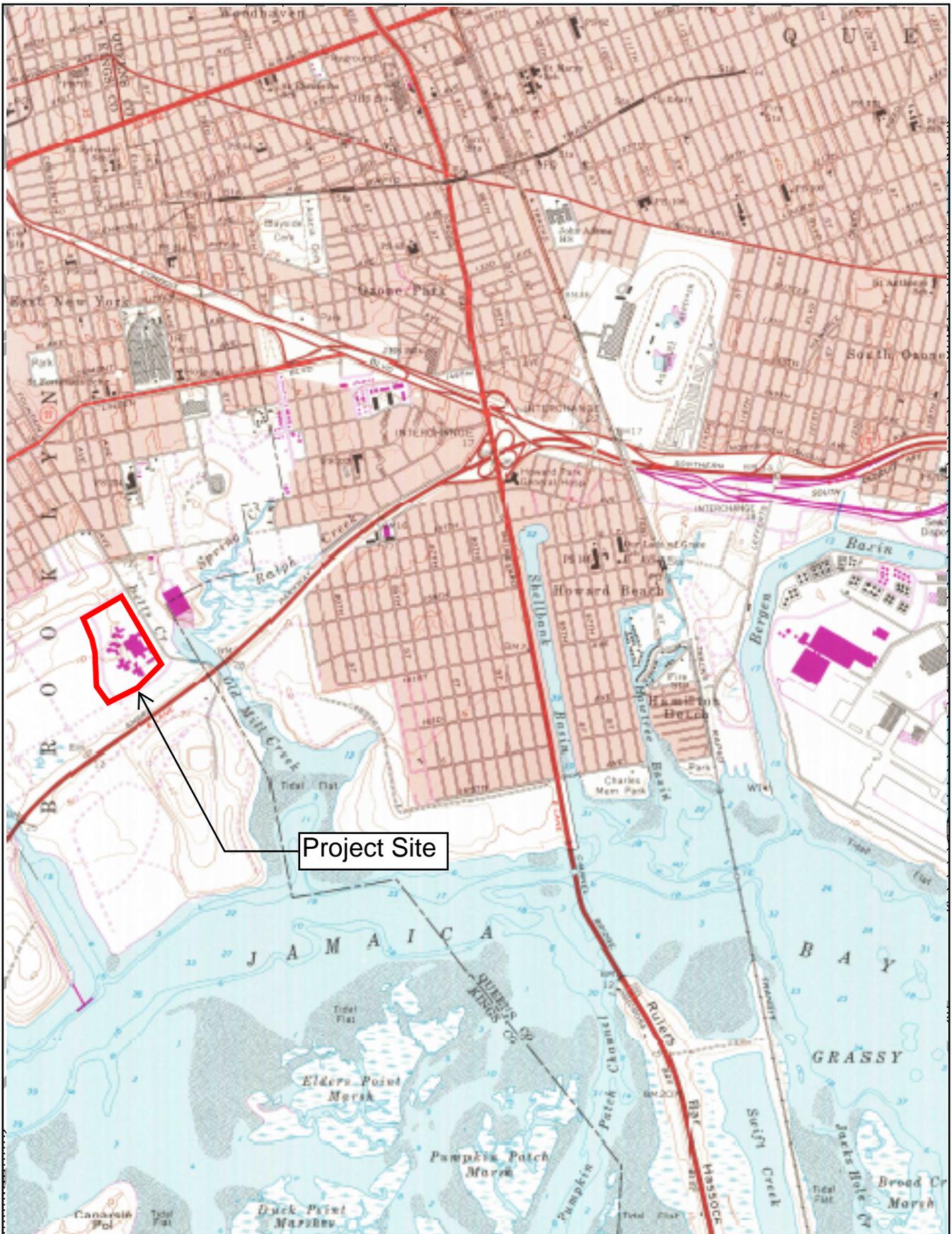
 Project Site



1957 Topographic Map

888 Fountain Avenue Development





Legend

 Project Site

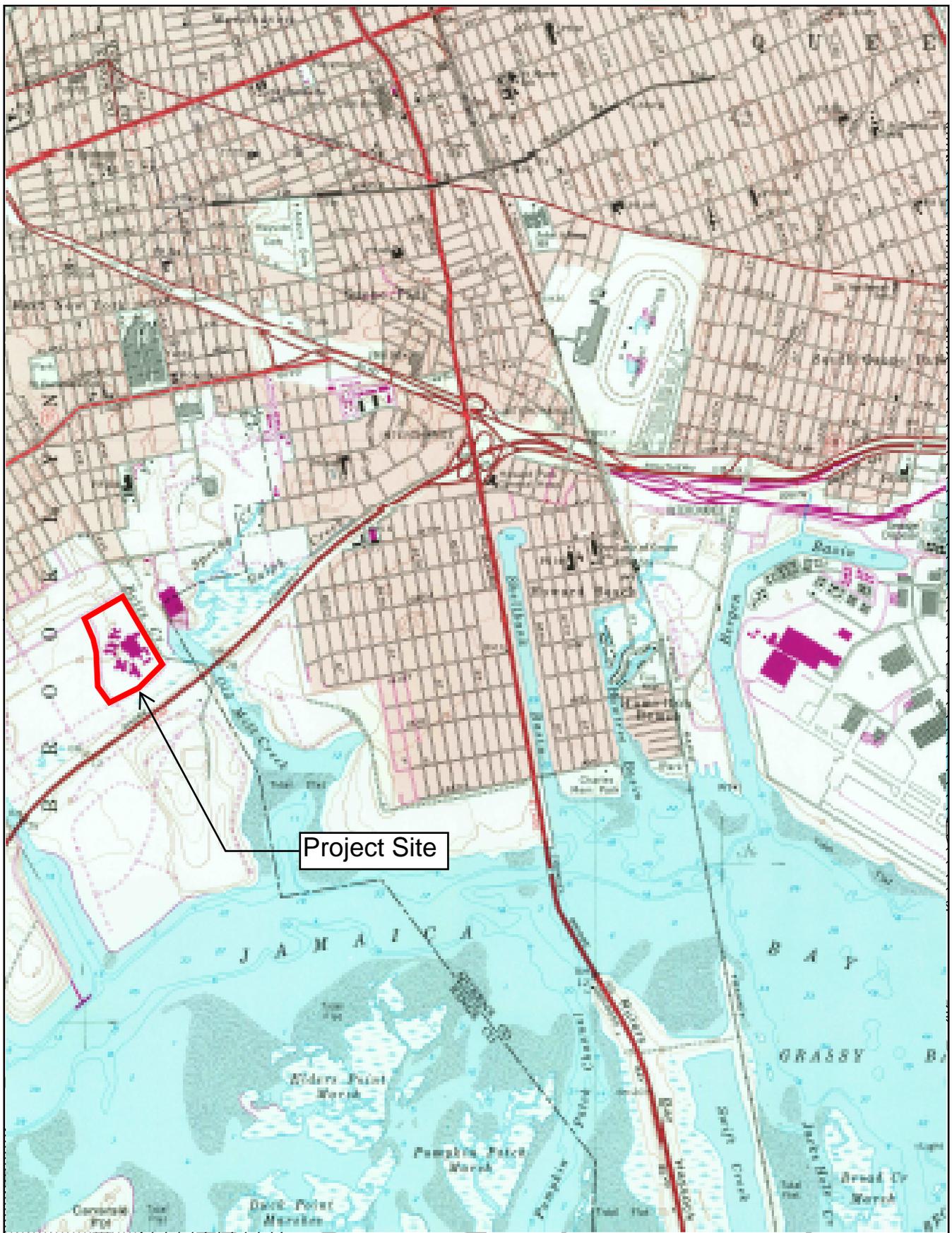


1966 Topographic Map

888 Fountain Avenue Development



Source: United States Geological Survey, Jamaica, NY 7.5-minute Quadrangle



Project Site

Legend

 Project Site

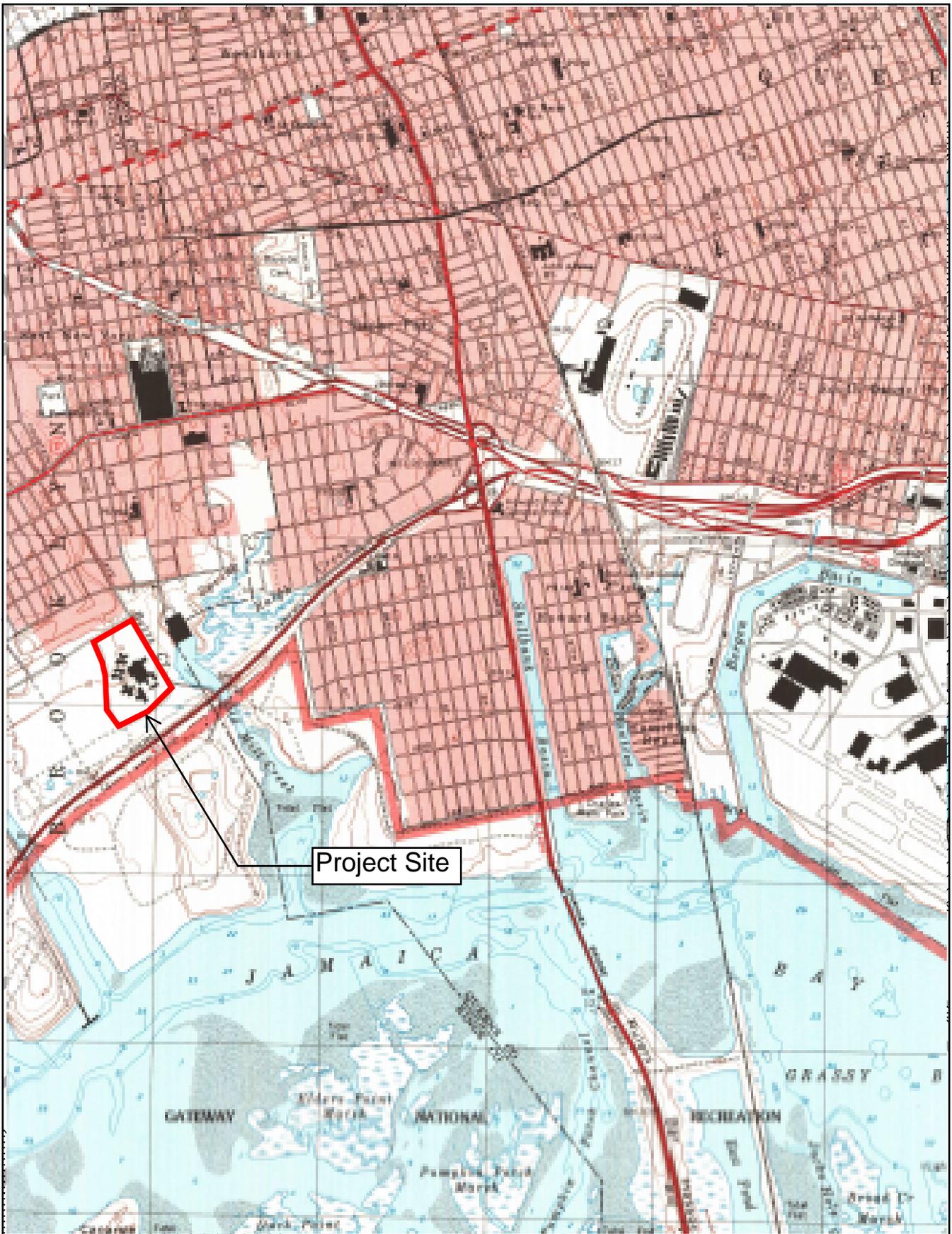


1979 Topographic Map

888 Fountain Avenue Development



Source: United States Geological Survey, Jamaica, NY 7.5-minute Quadrangle



Legend

 Project Site



1994 Topographic Map

888 Fountain Avenue Development



Source: United States Geological Survey, Jamaica, NY 7.5-minute Quadrangle

APPENDIX H

HISTORICAL AERIAL PHOTOGRAPHS



Legend

 Project Site



1924 Aerial Photograph
888 Fountain Avenue Development





Legend

 Project Site



1951 Aerial Photograph
888 Fountain Avenue Development

Source: NYCMAP GIS System

Empire State Development



Legend

 Project Site



1996 Aerial Photograph
888 Fountain Avenue Development

Source: NYCMAP GIS System

Empire State Development



Legend

 Project Site



2006 Aerial Photograph
888 Fountain Avenue Development





Legend

 Project Site



2008 Aerial Photograph
888 Fountain Avenue Development





Legend

 Project Site



2010 Aerial Photograph
888 Fountain Avenue Development





Legend

 Project Site



2012 Aerial Photograph
888 Fountain Avenue Development



APPENDIX I

HISTORICAL SANBORN FIRE INSURANCE MAPS



888 Fountain Ave
888 Fountain Ave
Brooklyn, NY 11239

Inquiry Number: 3841488.3
February 05, 2014

Certified Sanborn® Map Report

Certified Sanborn® Map Report

2/05/14

Site Name:

888 Fountain Ave
888 Fountain Ave
Brooklyn, NY 11239

Client Name:

Env. Business Consultants
1808 Middle Country Road
Ridge, NY 11961

EDR Inquiry # 3841488.3

Contact: Chawinie Miller



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Certified Sanborn Results:

Site Name: 888 Fountain Ave
Address: 888 Fountain Ave
City, State, Zip: Brooklyn, NY 11239
Cross Street:
P.O. # NA
Project: NA
Certification # 0631-4085-920B



Sanborn® Library search results
Certification # 0631-4085-920B

Maps Provided:

2007	2001	1989	1977
2006	1995	1988	
2005	1994	1987	
2004	1993	1982	
2003	1992	1980	
2002	1991	1979	

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- Library of Congress
- University Publications of America
- EDR Private Collection

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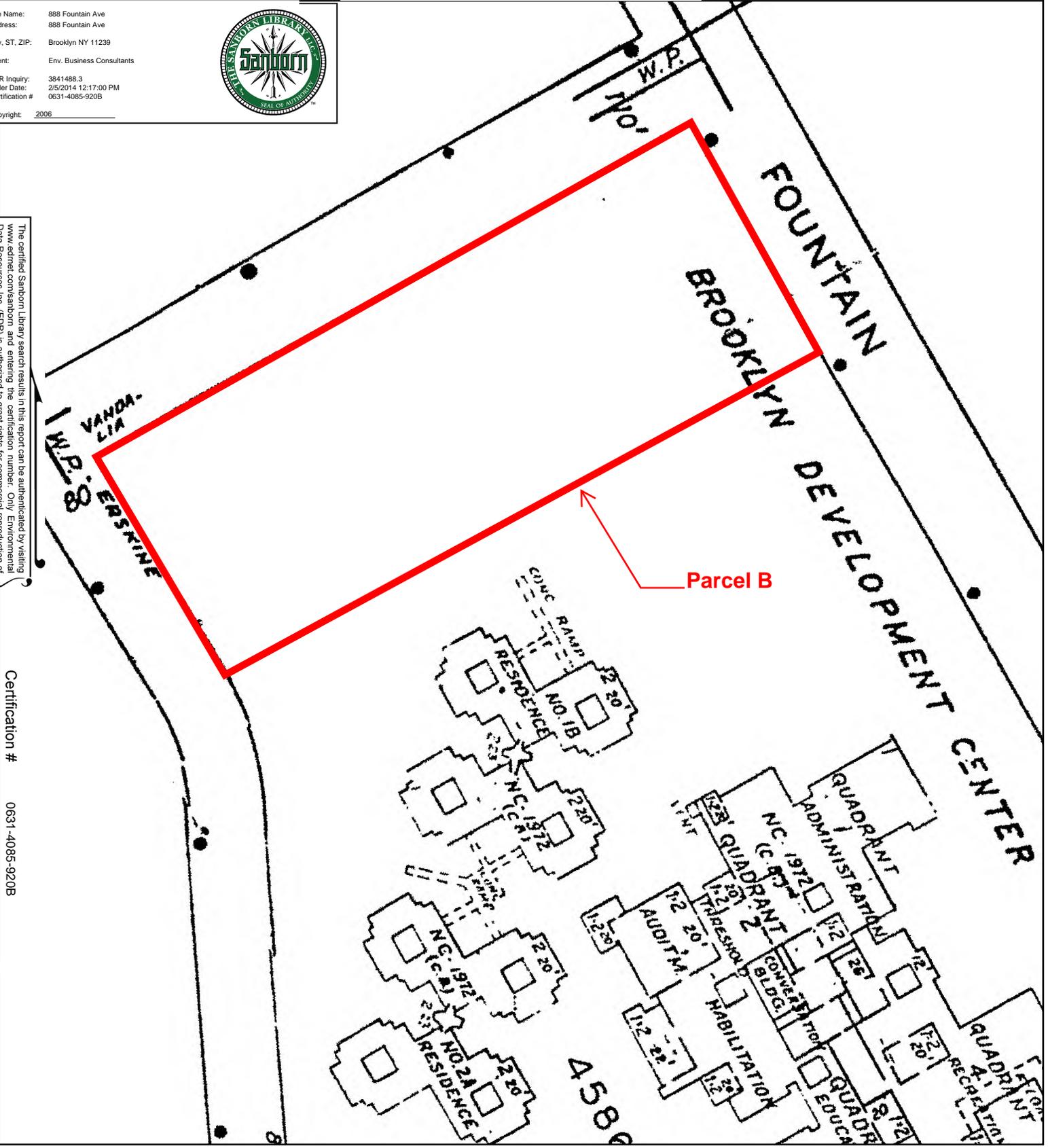
2006 Certified Sanborn Map

Site Name: 888 Fountain Ave
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 EDR Inquiry: 3841488.3
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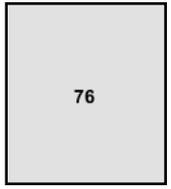
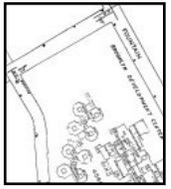
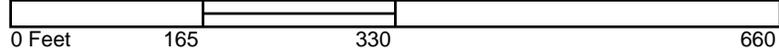


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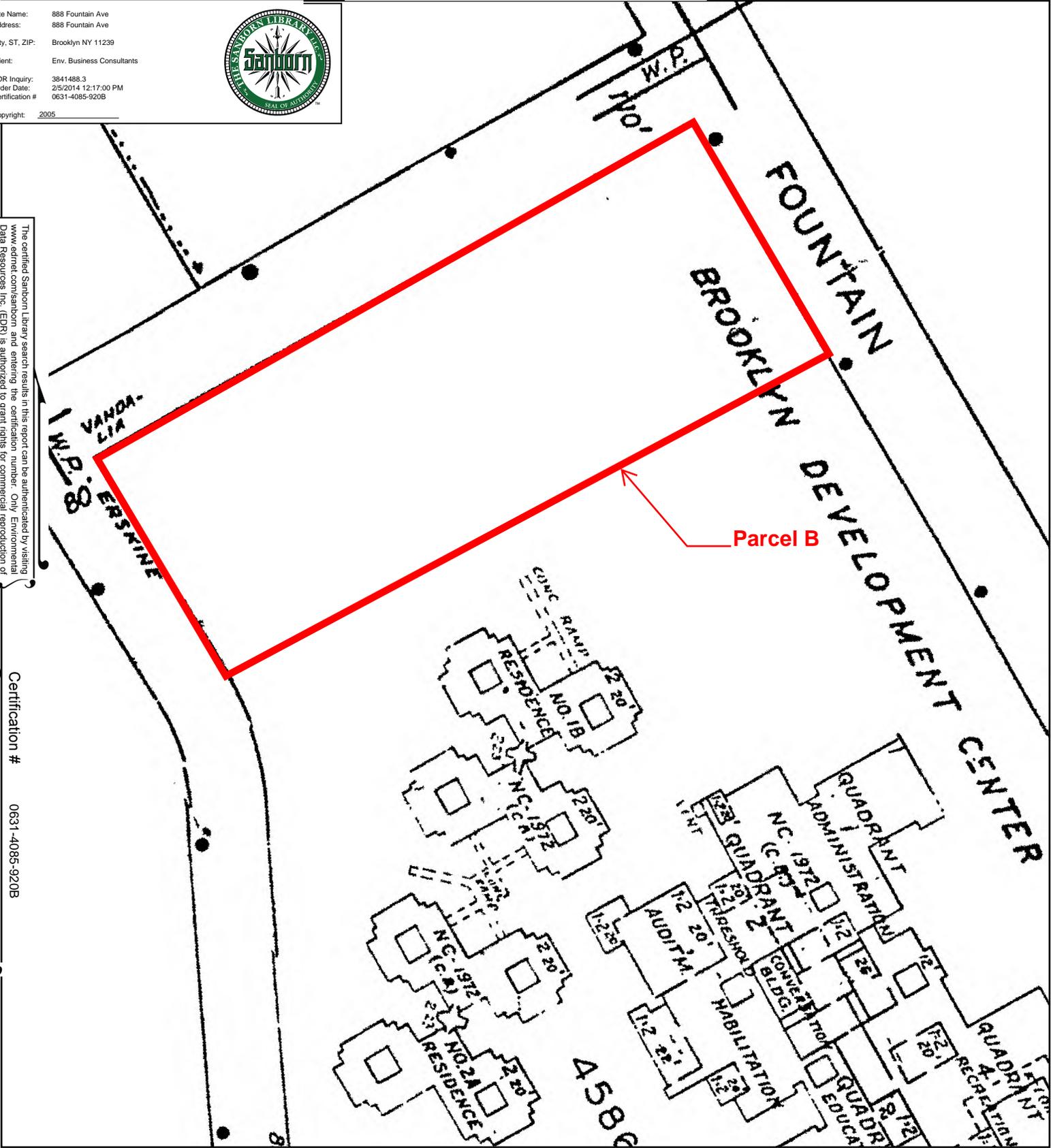
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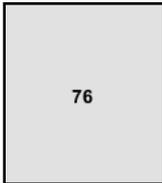
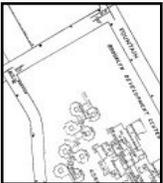
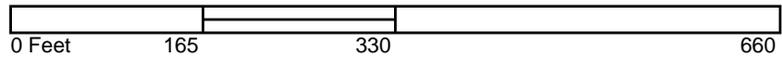


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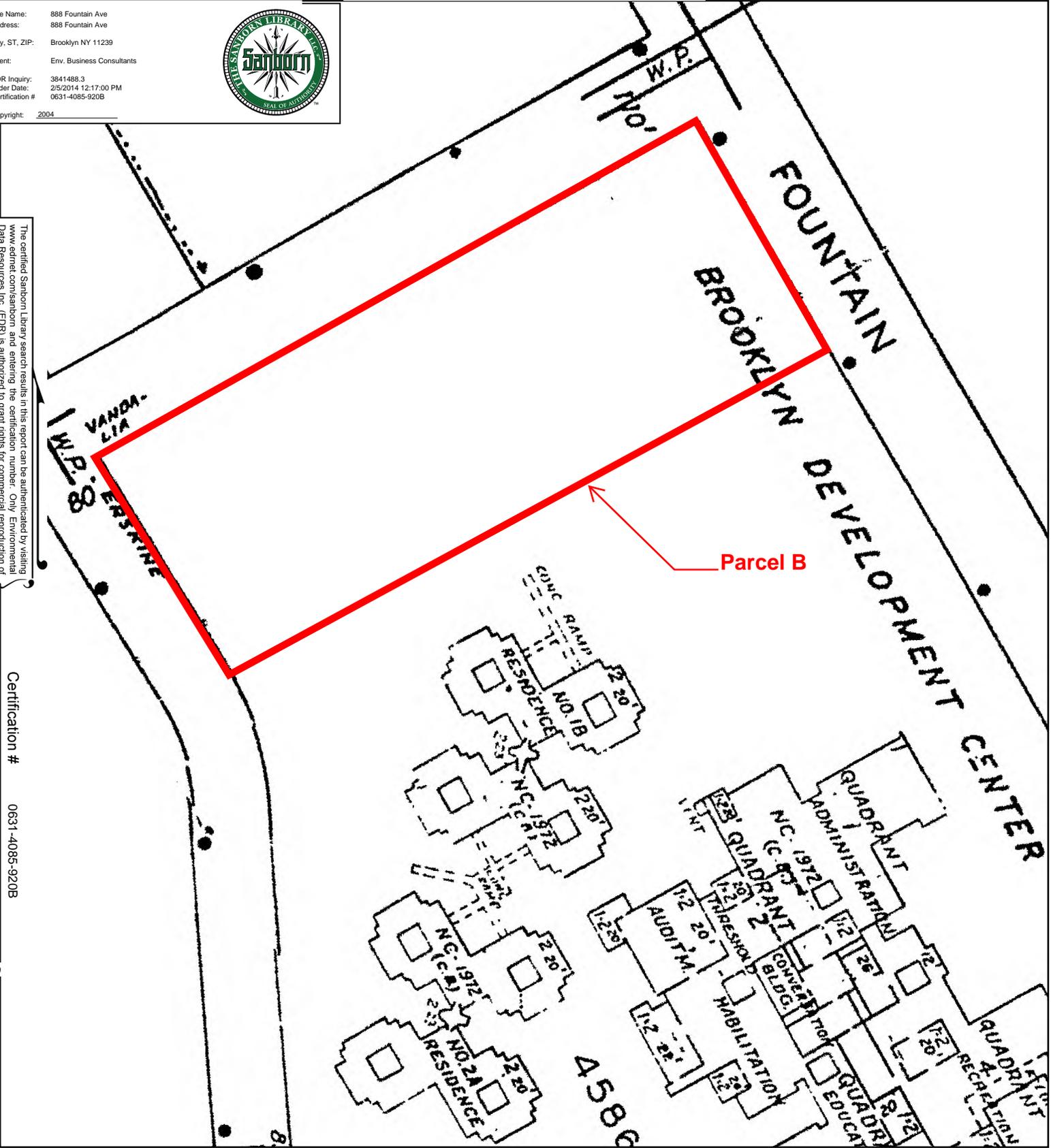
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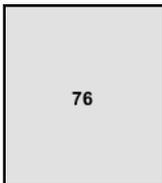
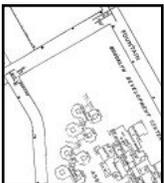
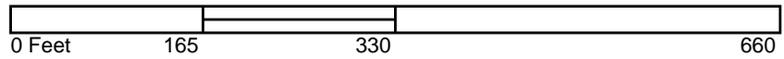


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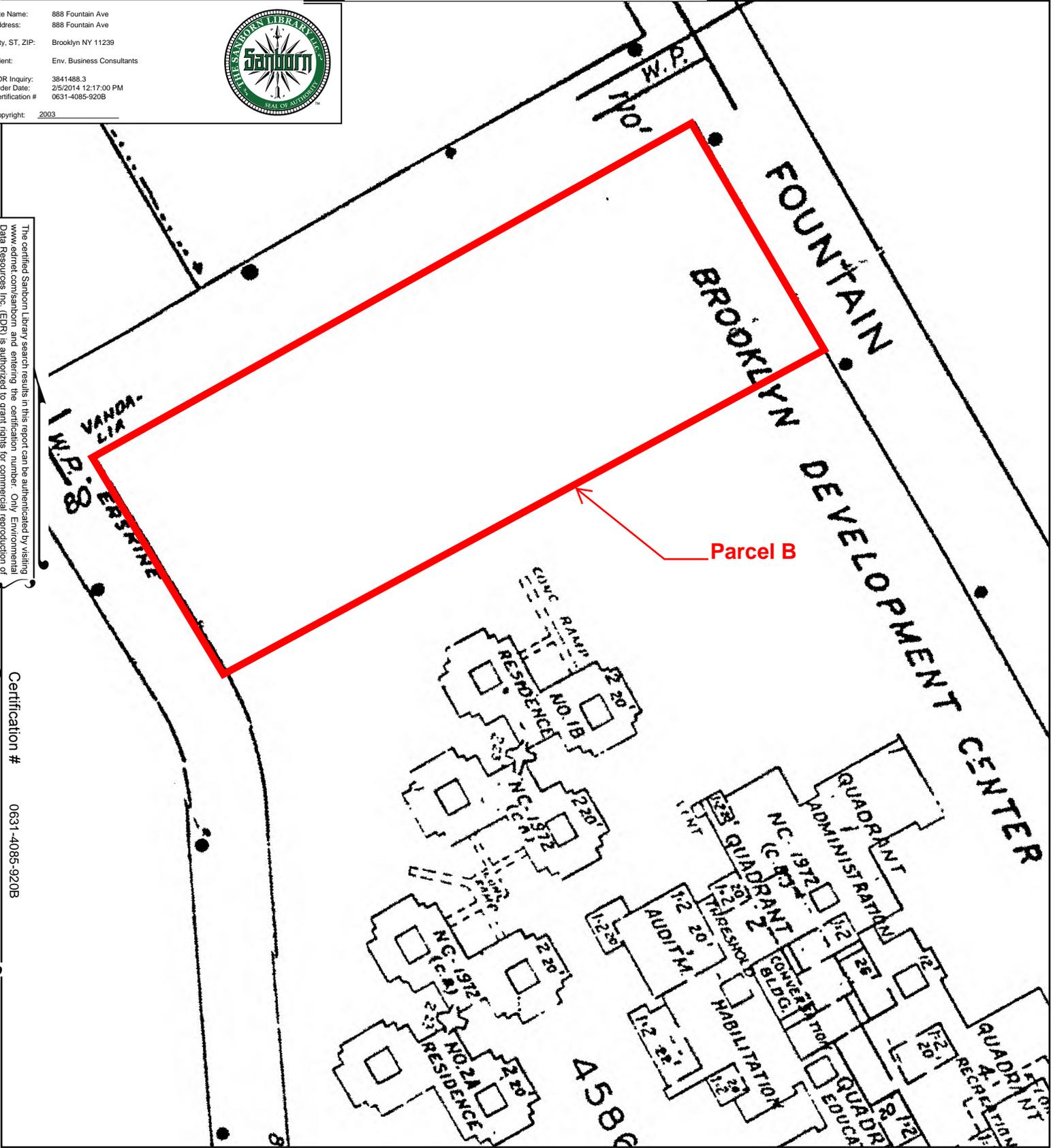
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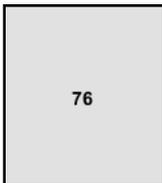
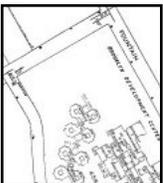


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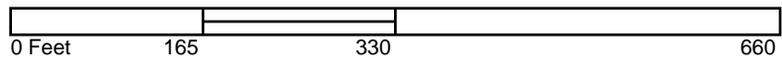
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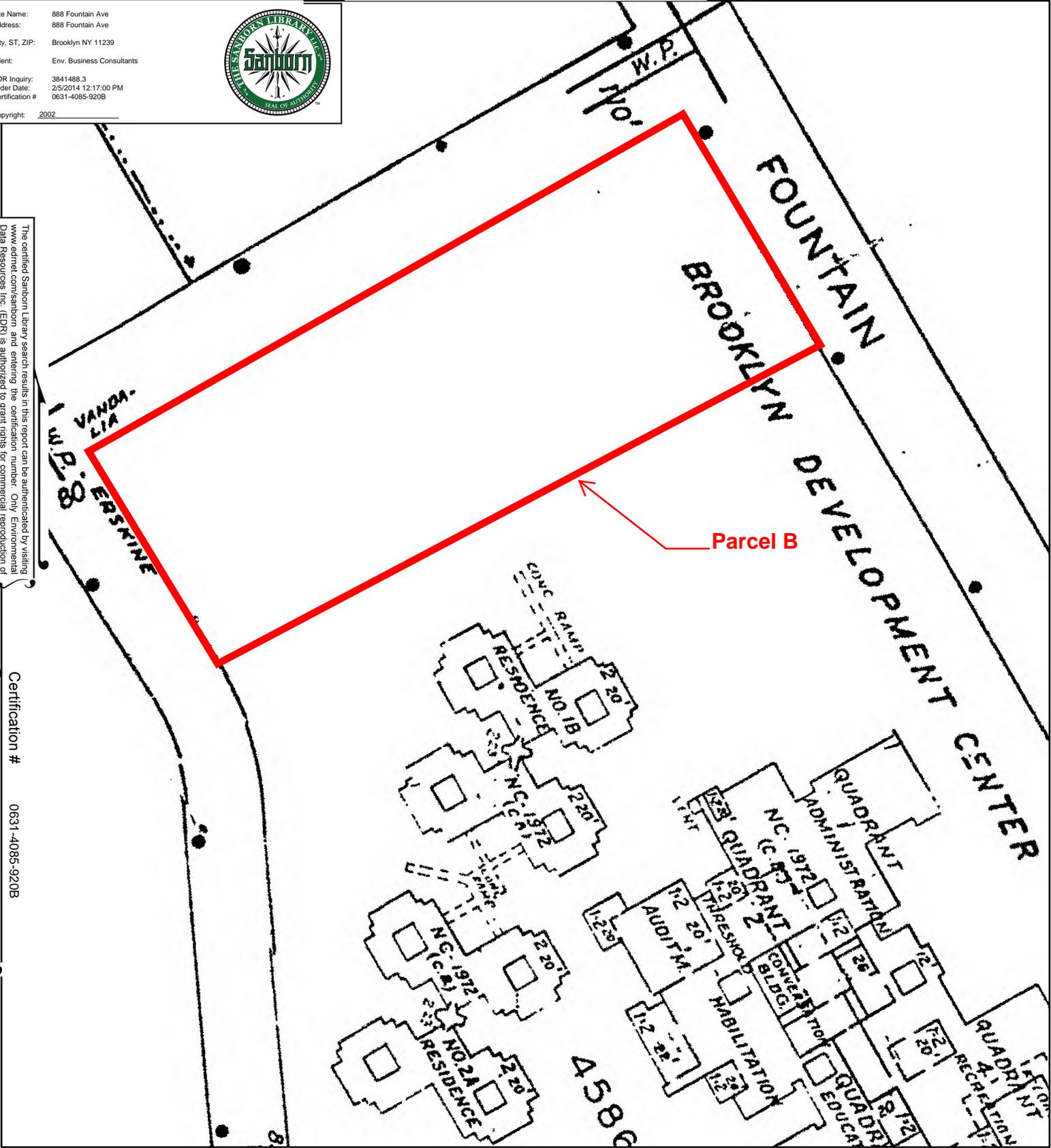
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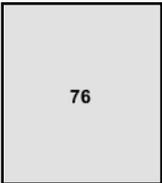
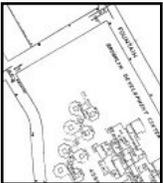


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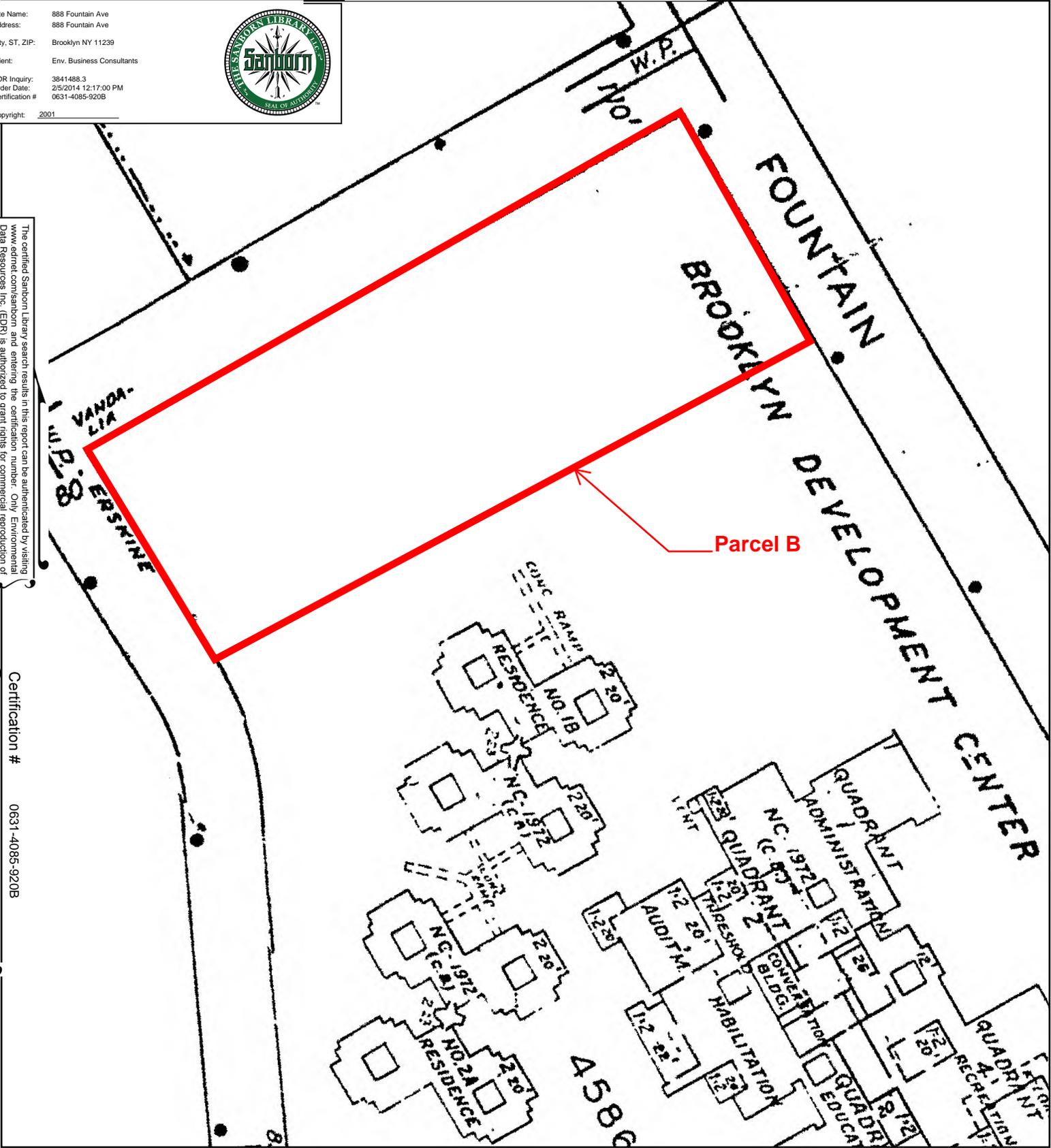
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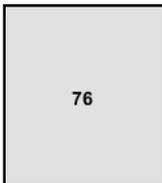
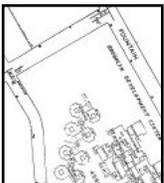
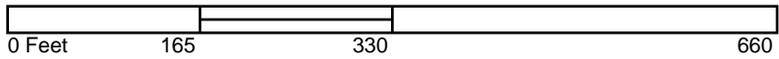


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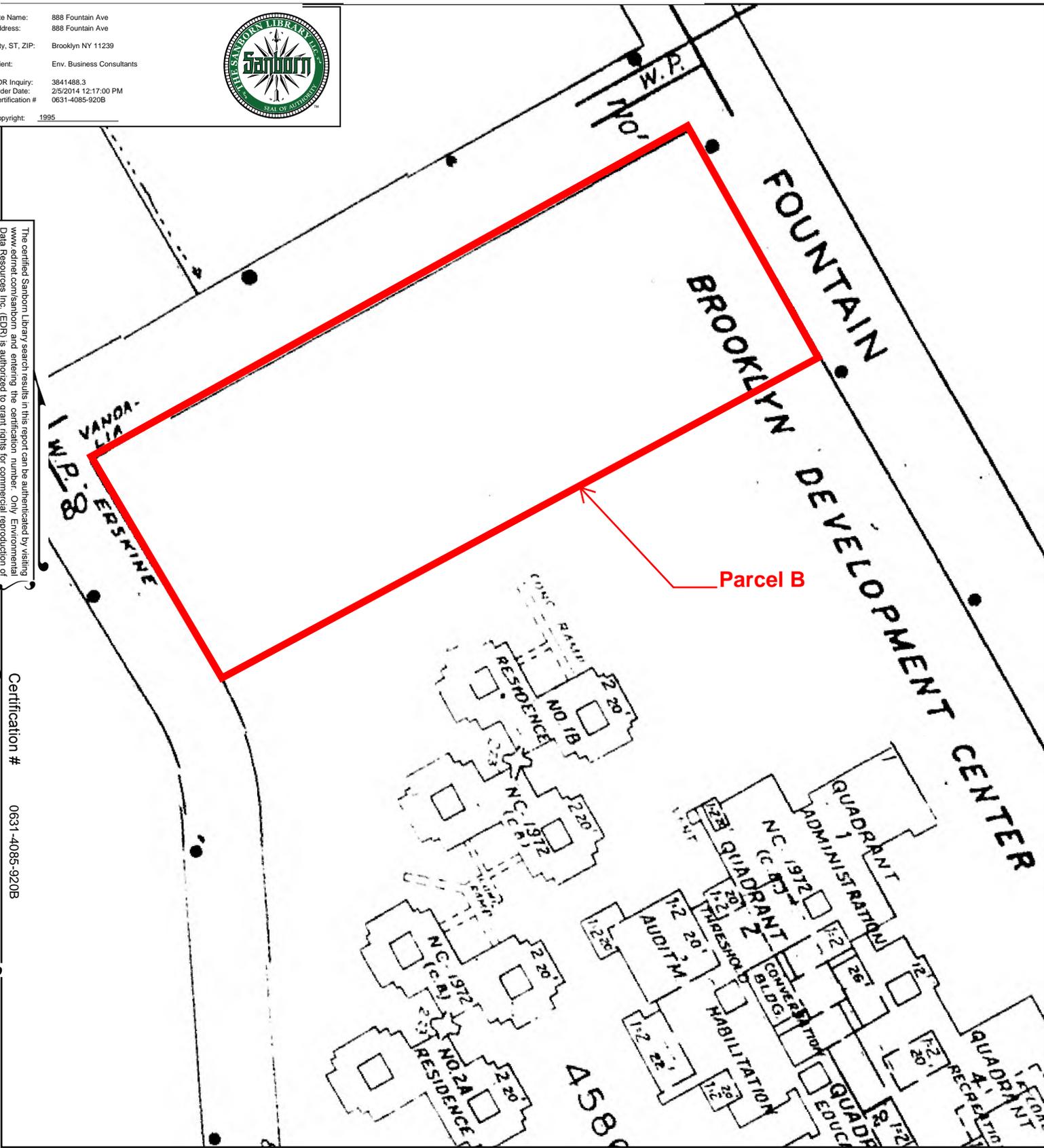
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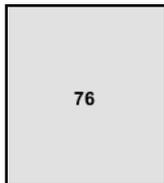
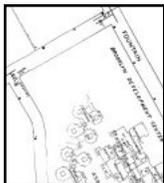
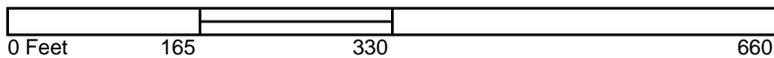


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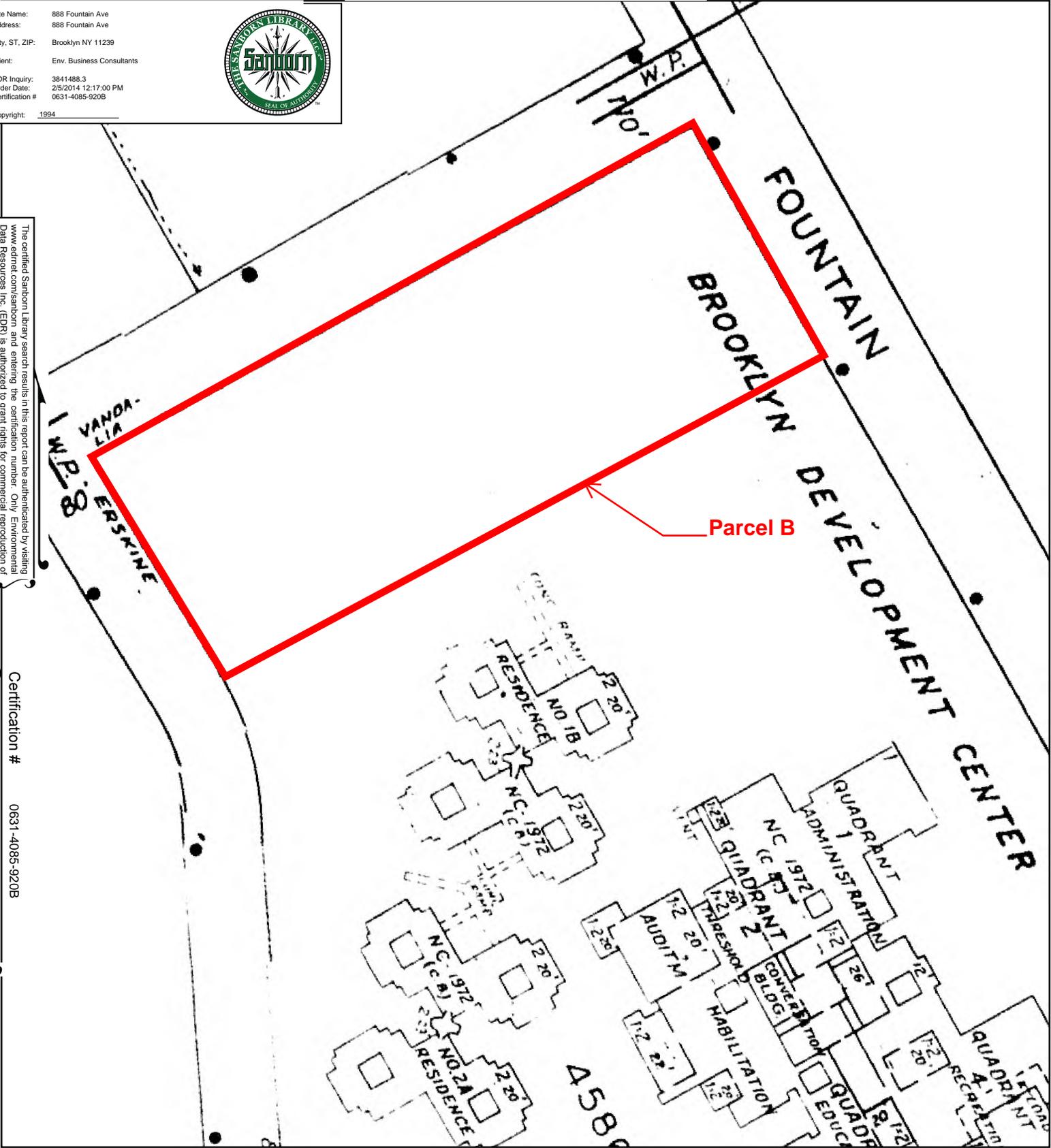
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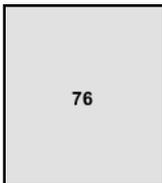
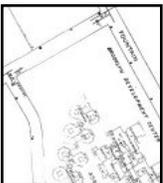
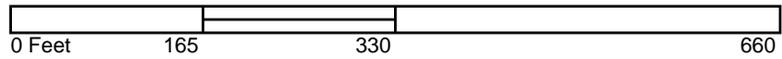


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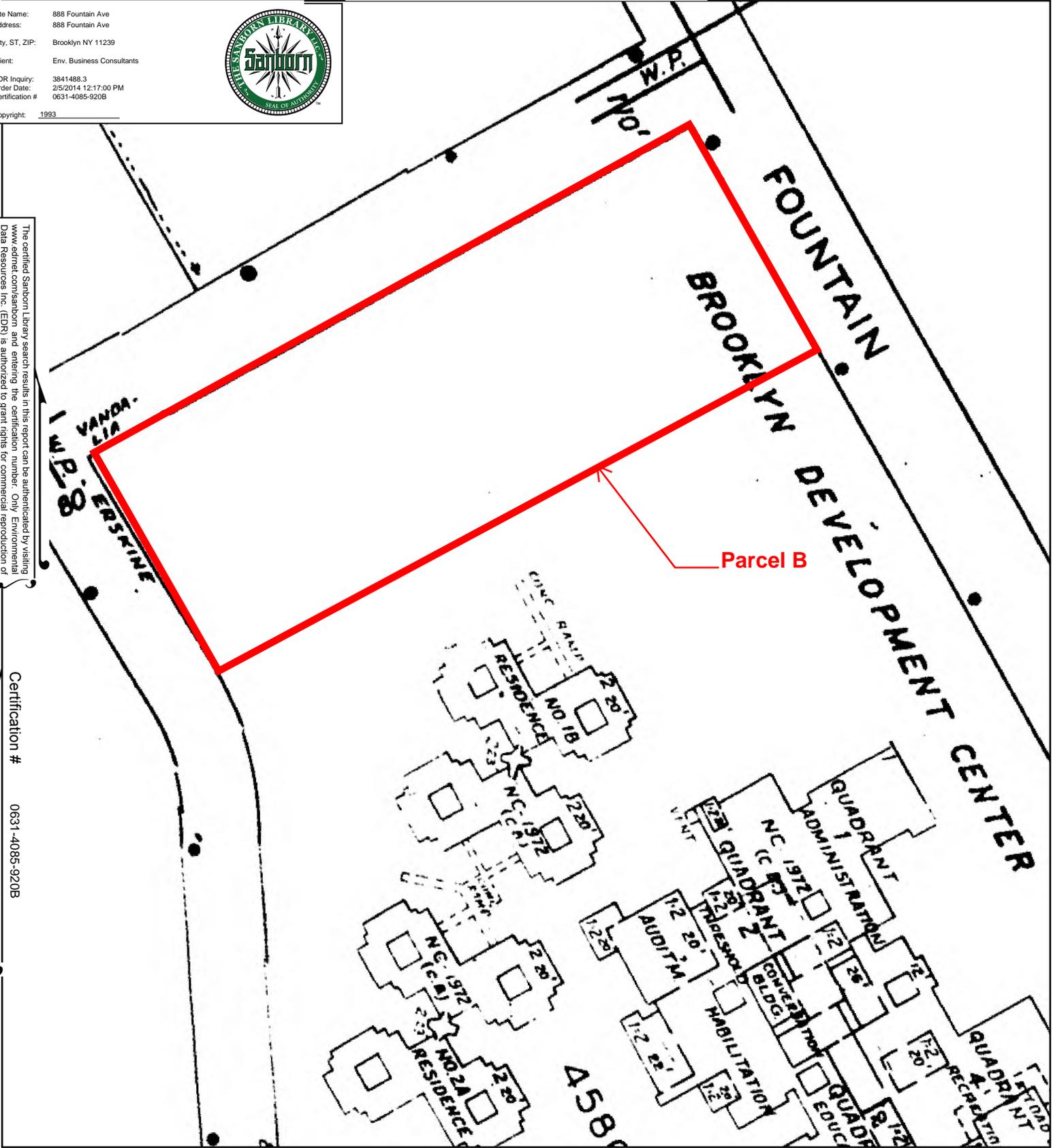
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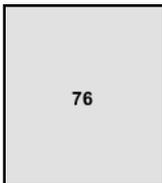
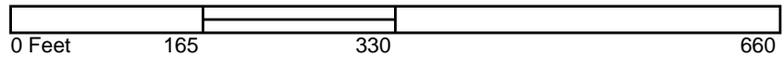


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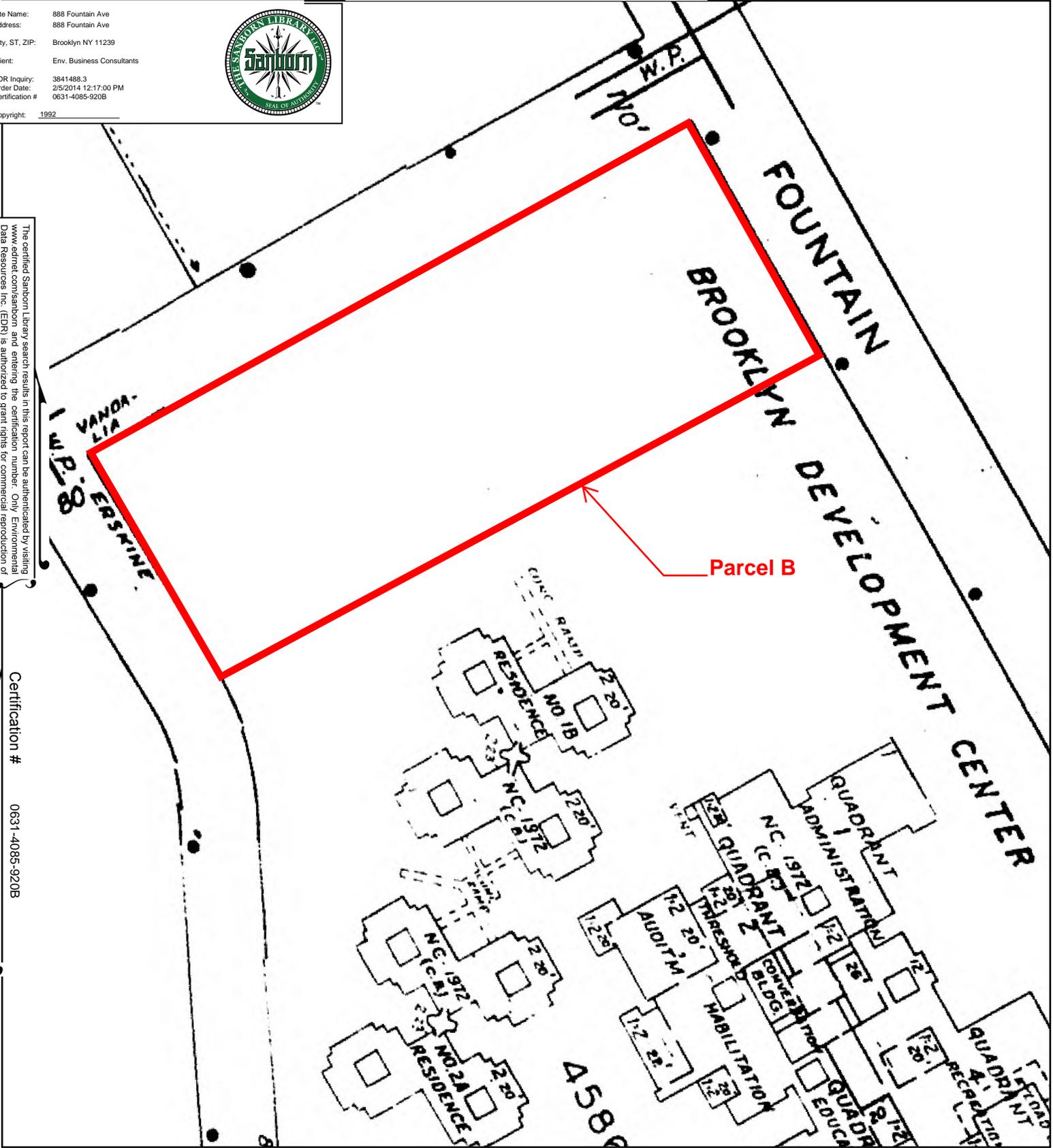
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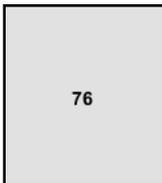
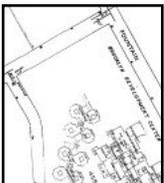
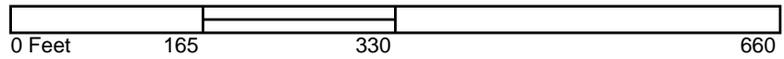


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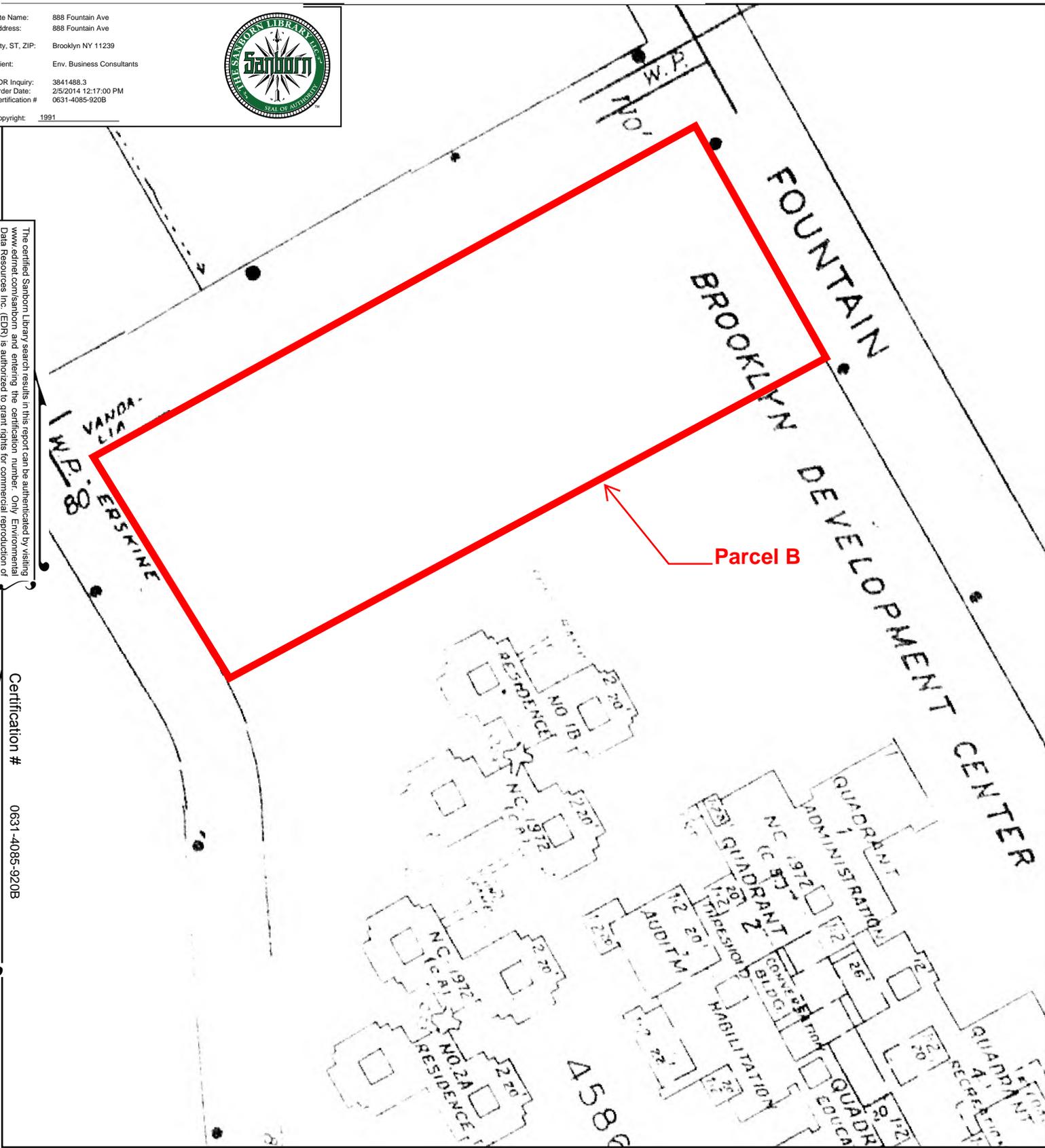
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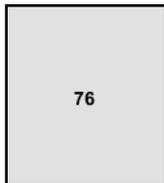
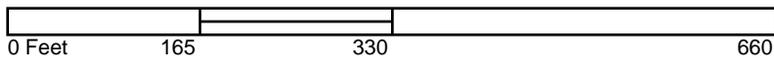


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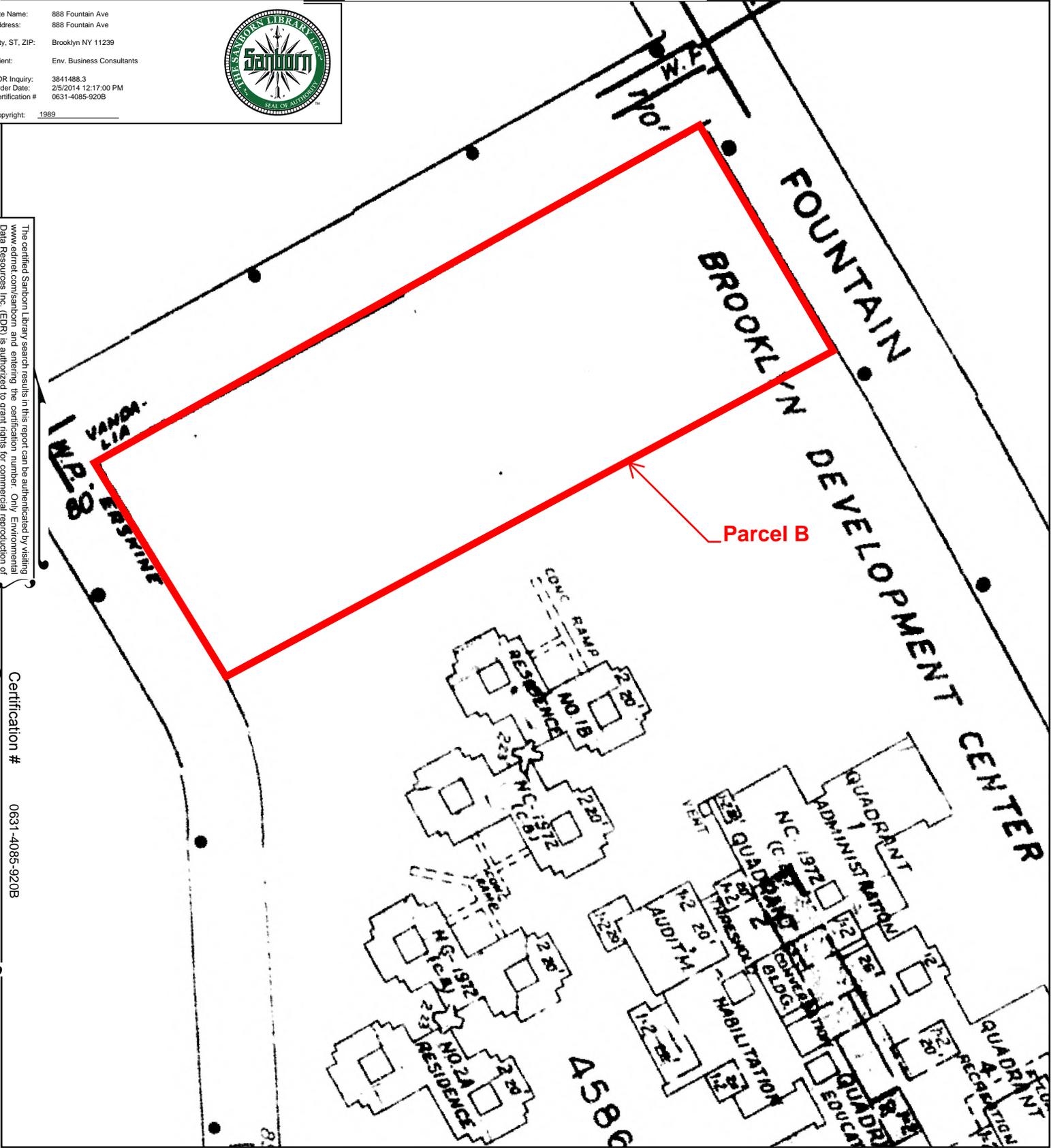
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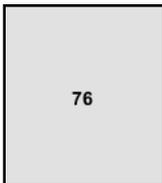
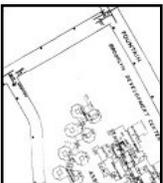
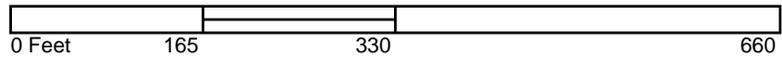


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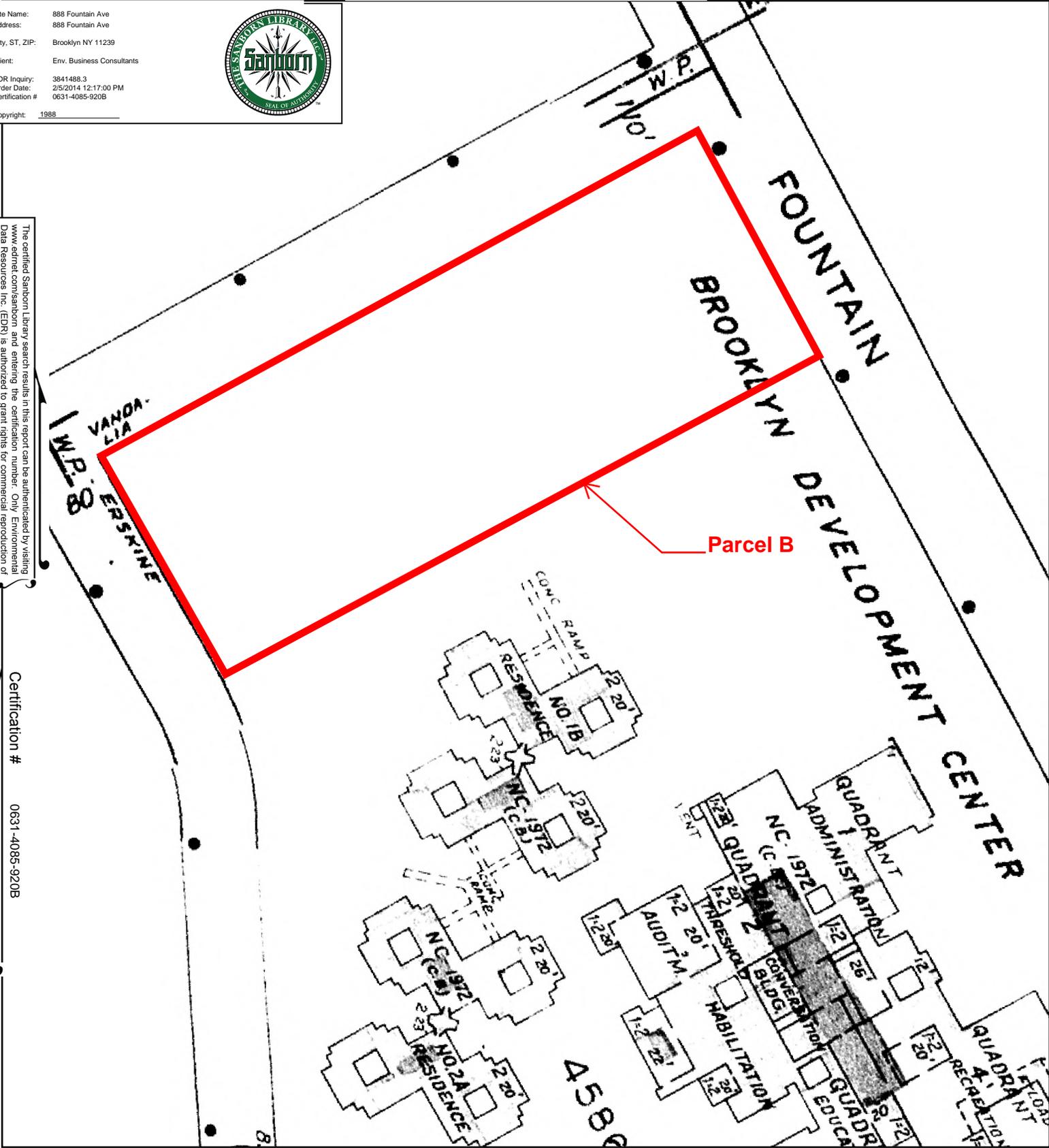
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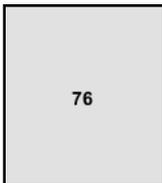
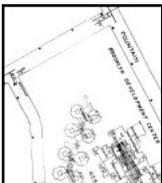
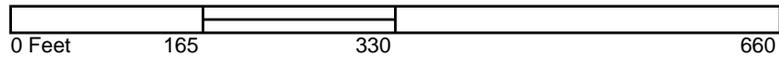


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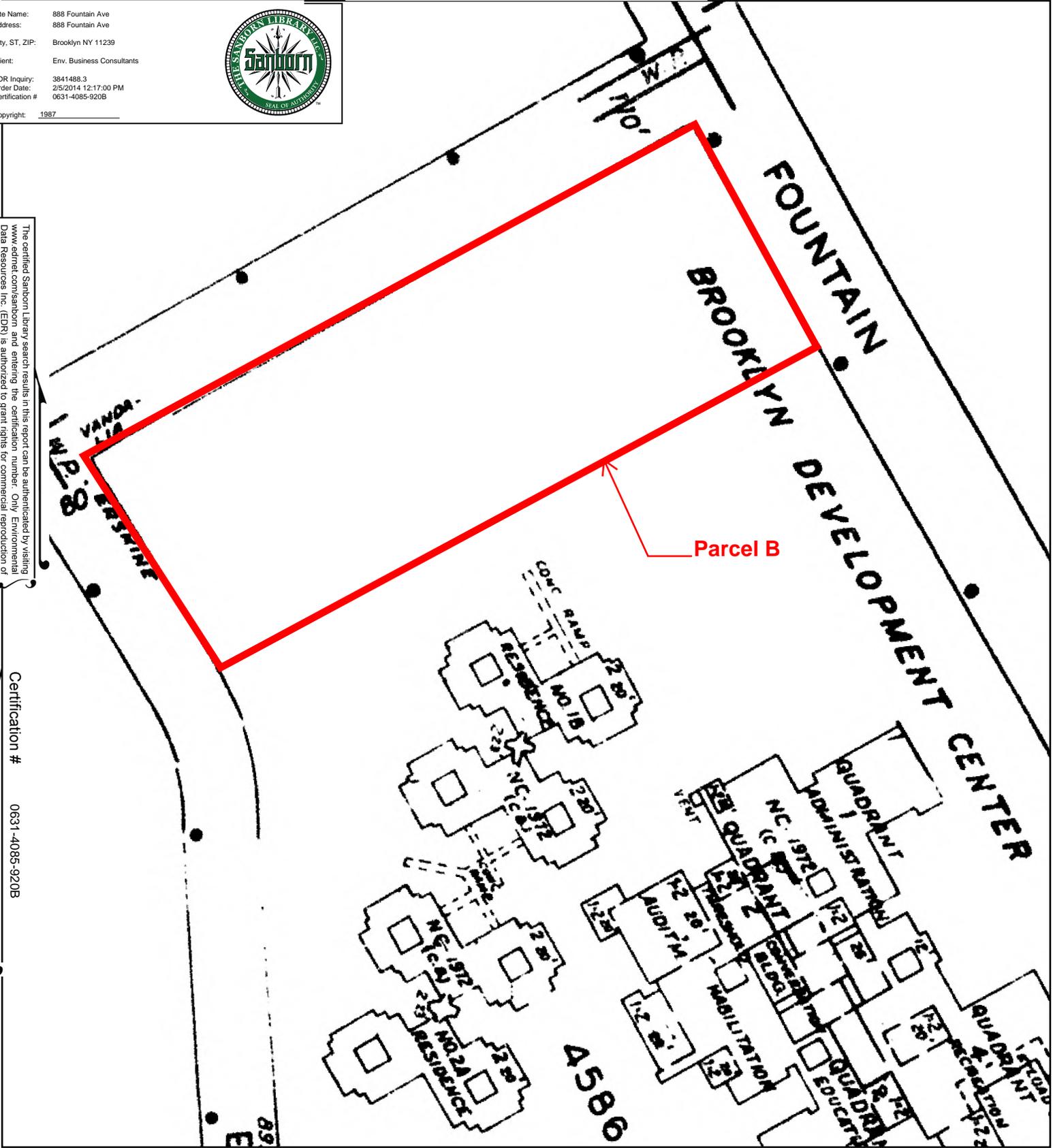
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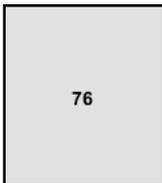
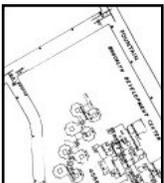
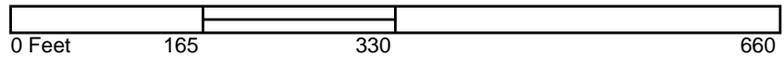


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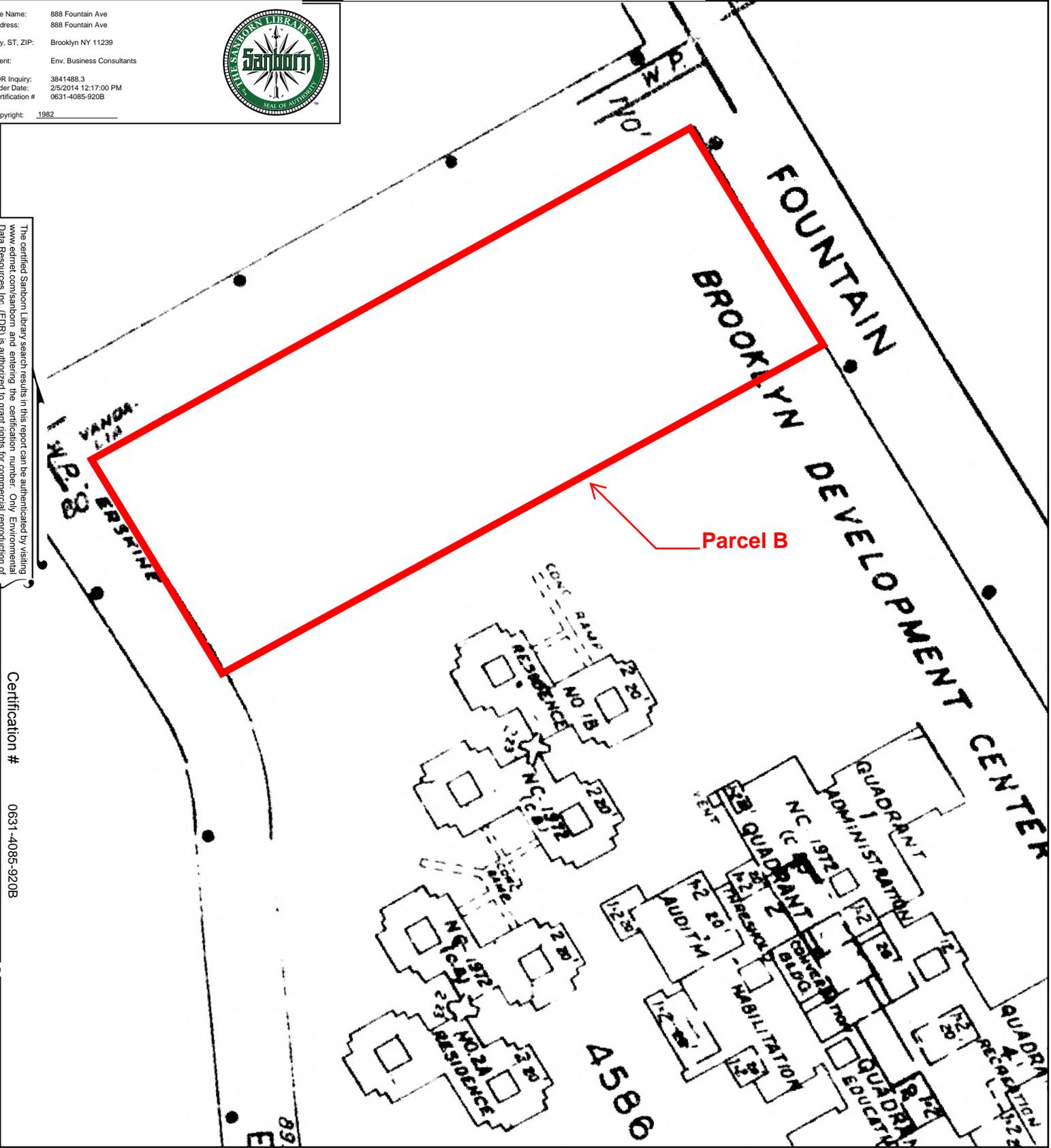
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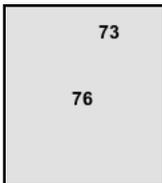
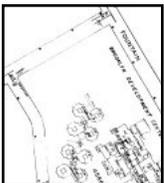
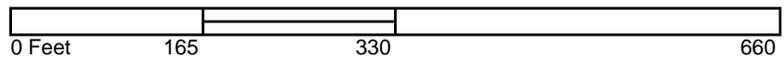


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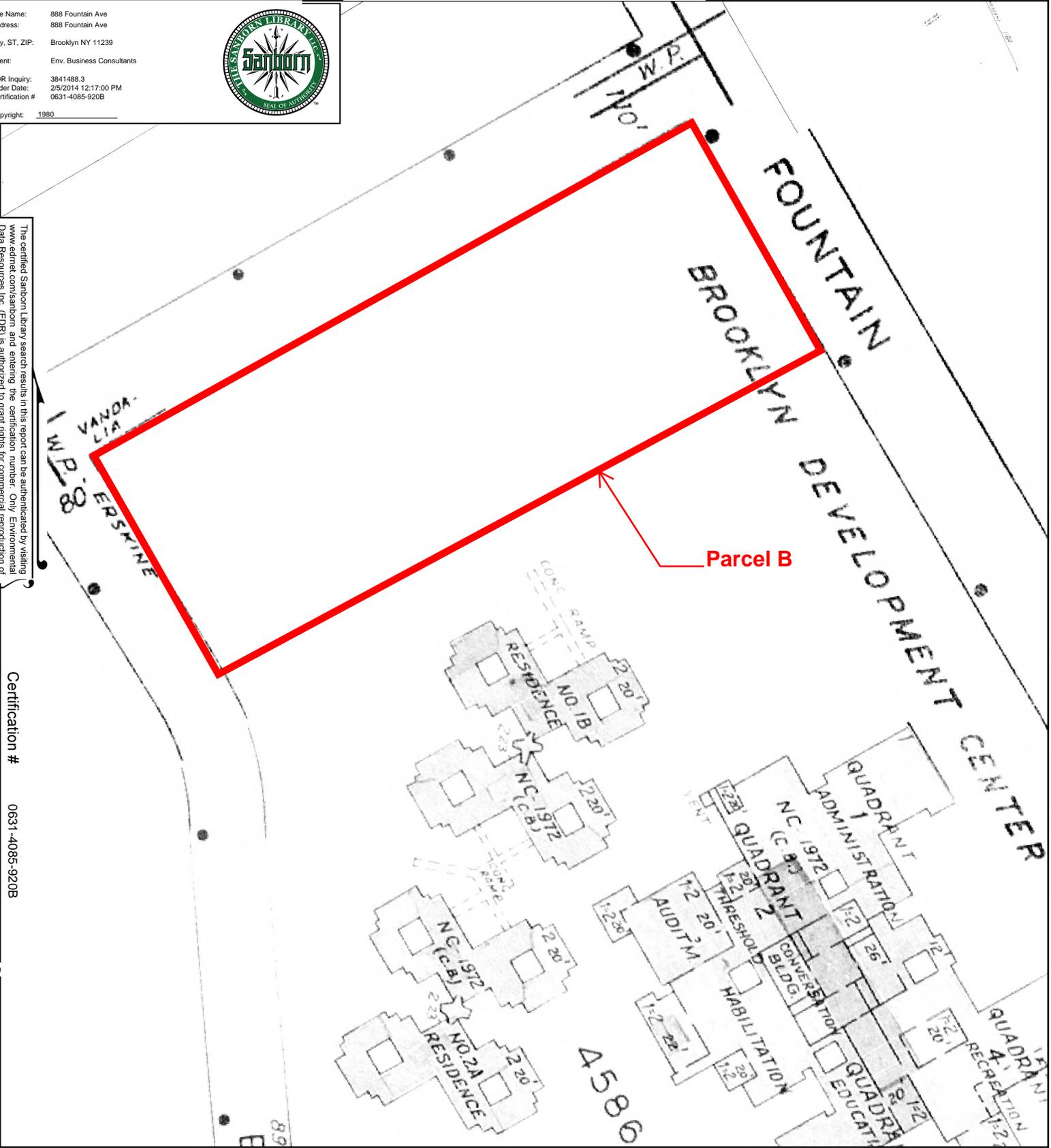
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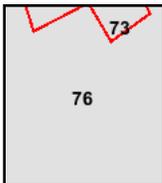
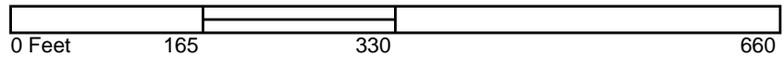


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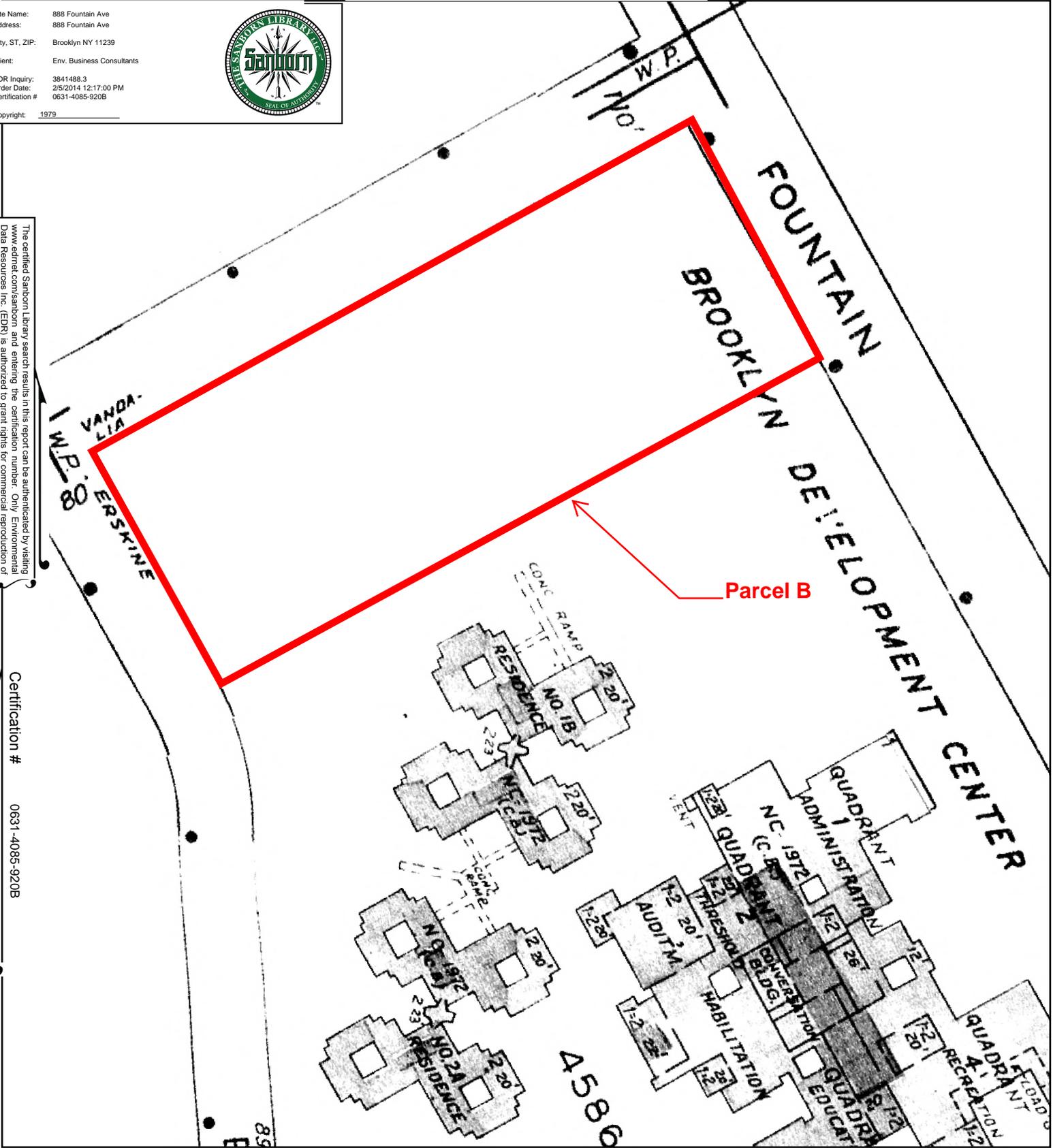
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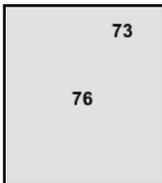
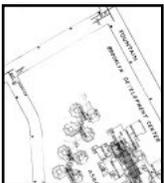


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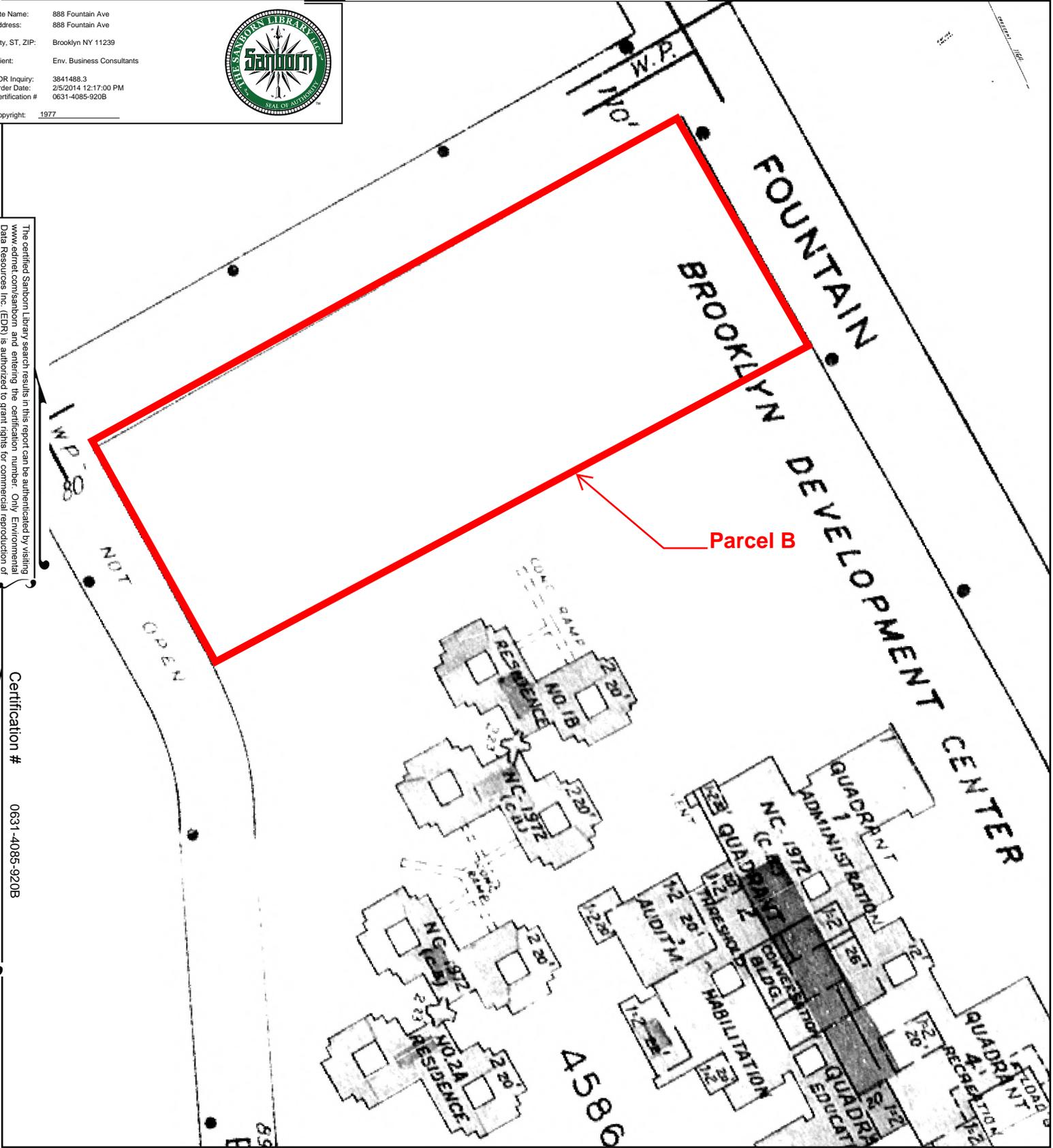
1977 Certified Sanborn Map

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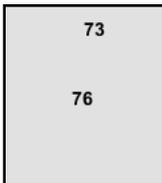
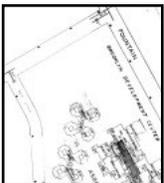
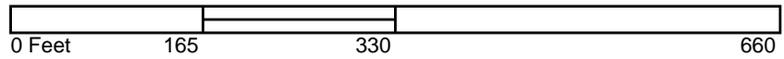


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888 Fountain Ave
888 Fountain Ave
Brooklyn, NY 11239

Inquiry Number: 3841488.3
February 05, 2014

Certified Sanborn® Map Report

Certified Sanborn® Map Report

2/05/14

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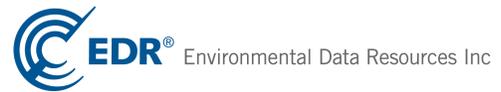
888 Fountain Ave
888 Fountain Ave
Brooklyn, NY 11239

Client Name:

Env. Business Consultants
1808 Middle Country Road
Ridge, NY 11961

EDR Inquiry # 3841488.3

Contact: Chawinie Miller



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Cross Street:
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Sanborn® Library search results
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Maps Provided:

2007	2001	1989	1977
2006	1995	1988	
2005	1994	1987	
2004	1993	1982	
2003	1992	1980	
2002	1991	1979	

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
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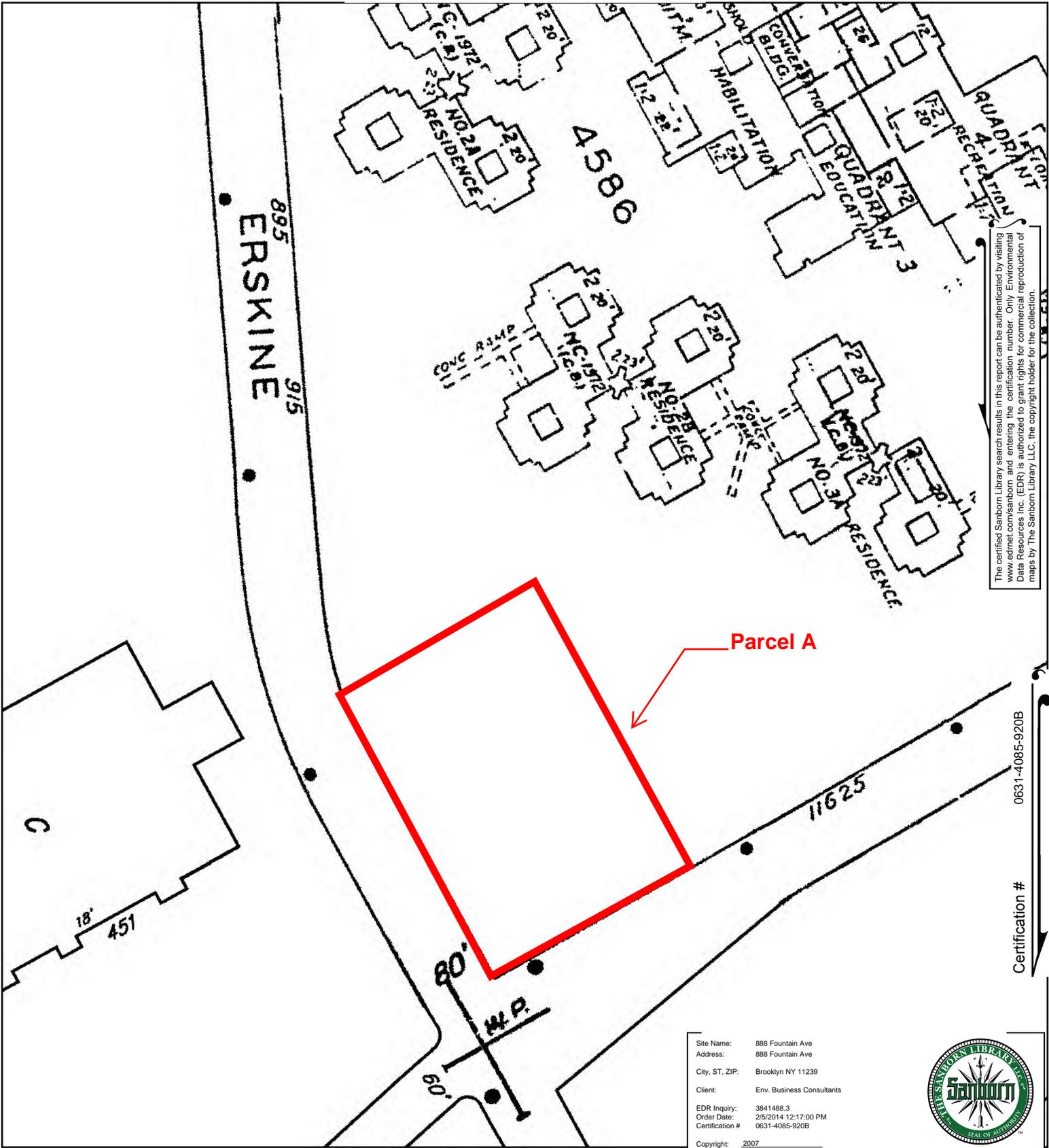
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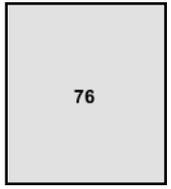
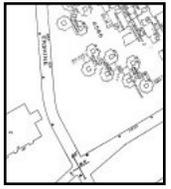
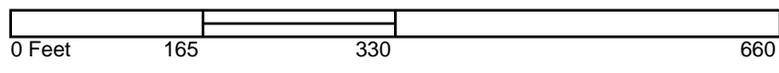
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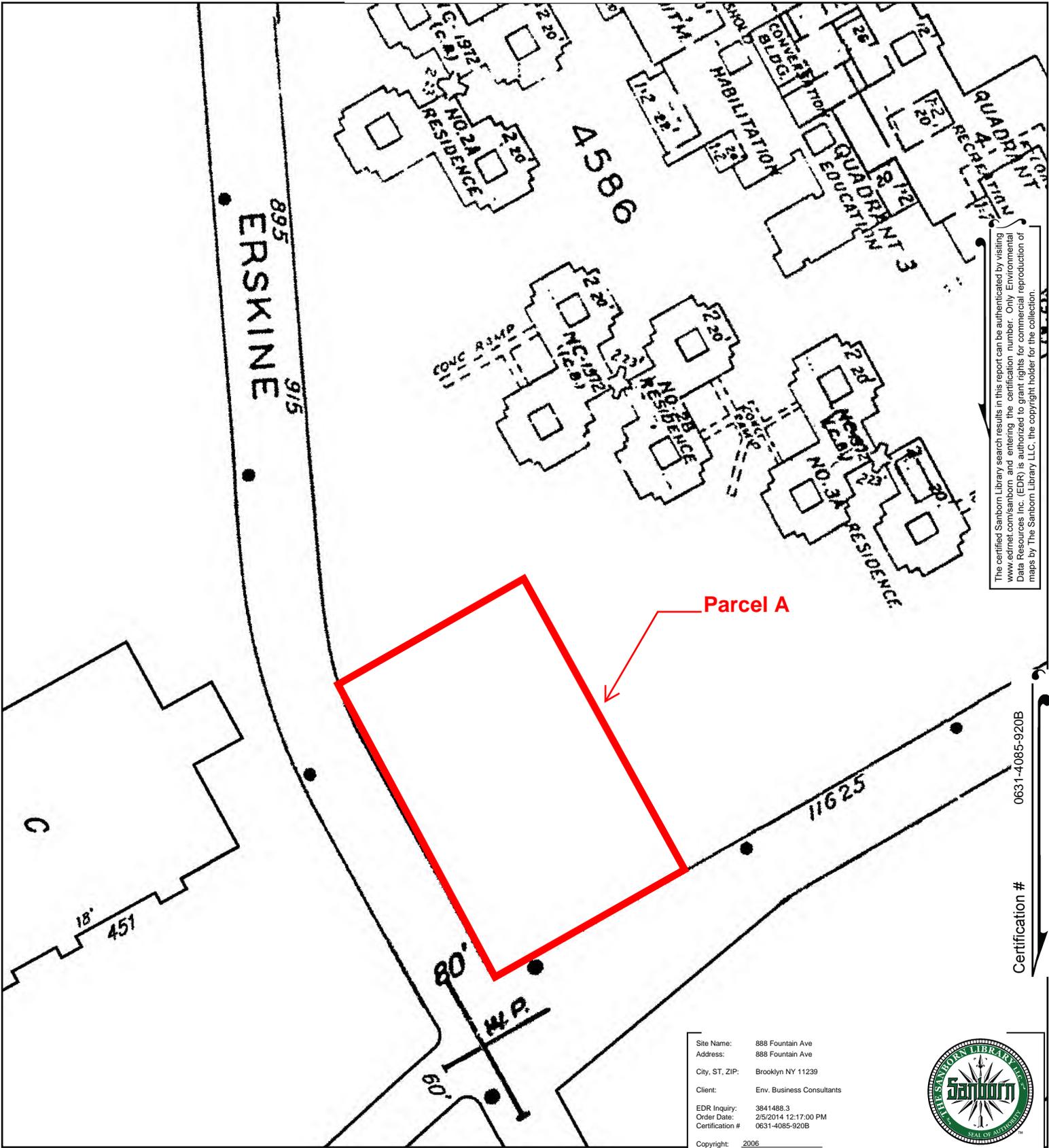


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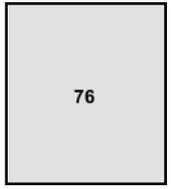
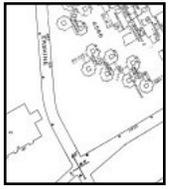
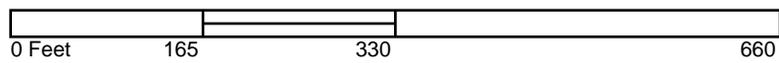
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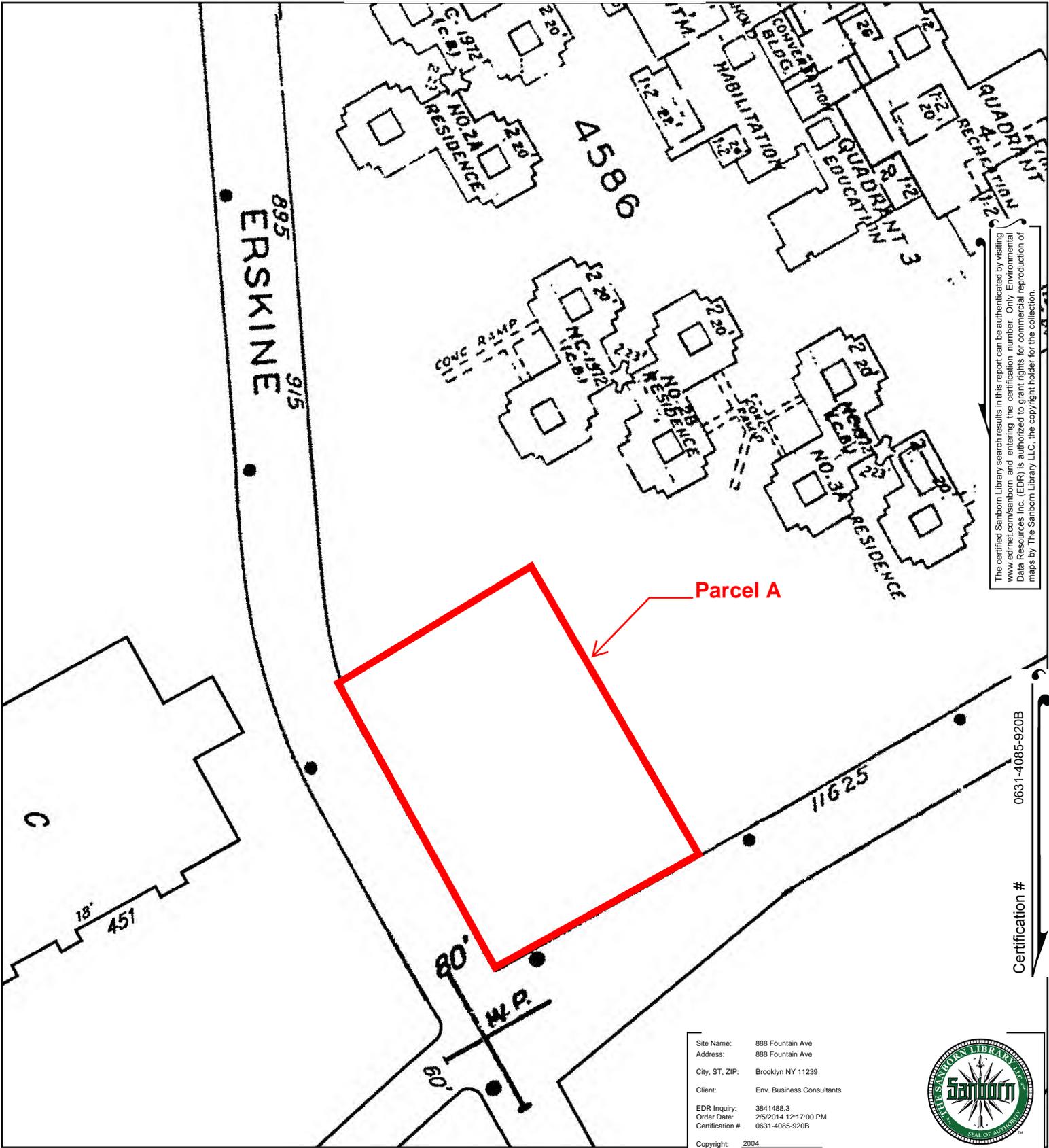


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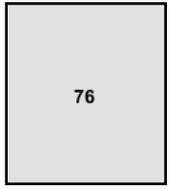
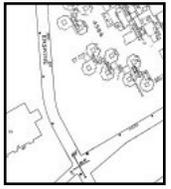
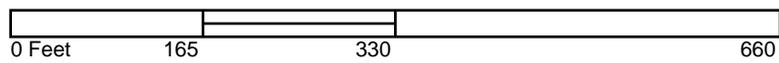
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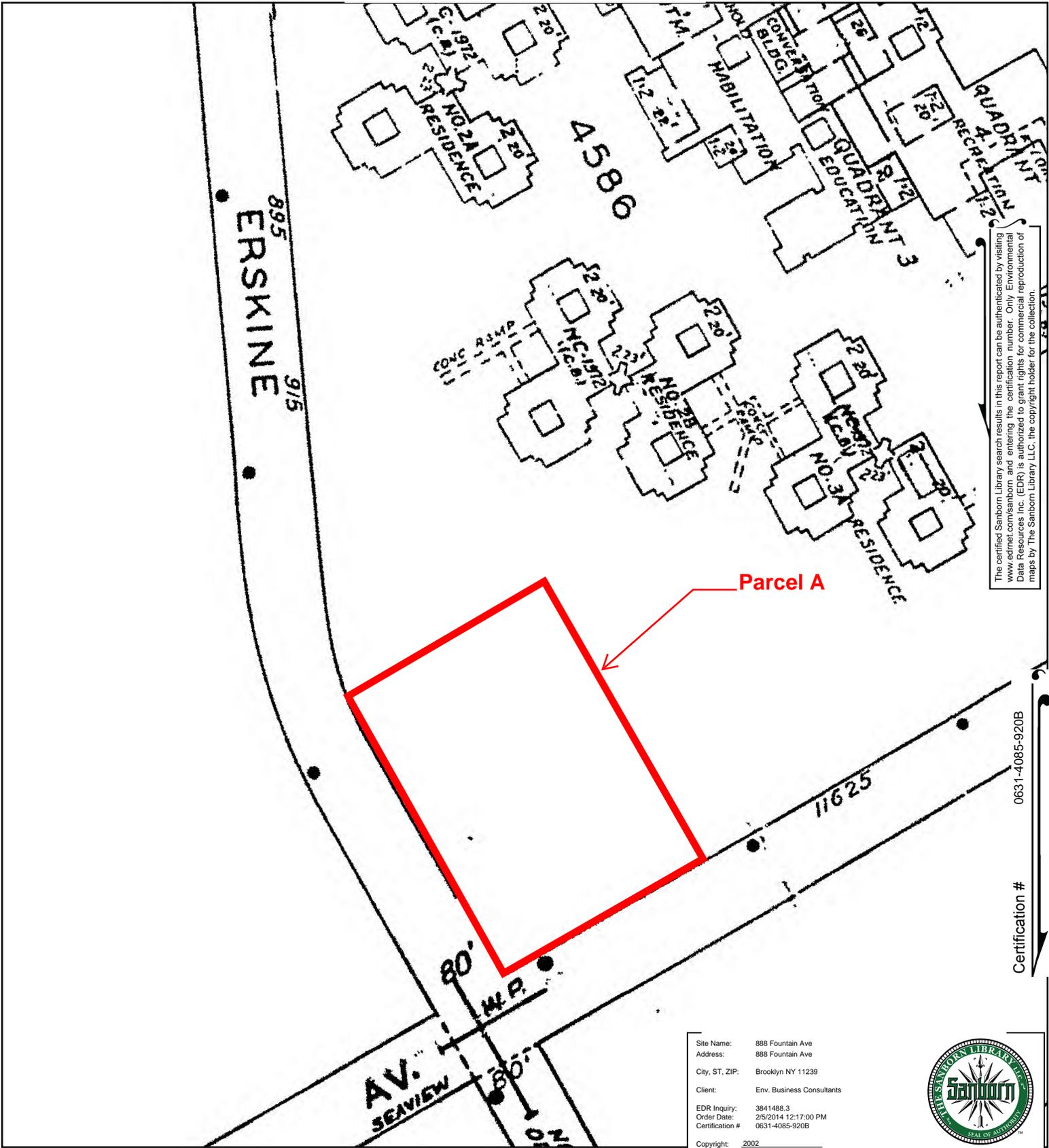
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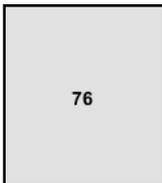
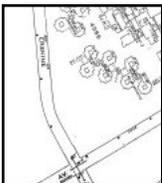
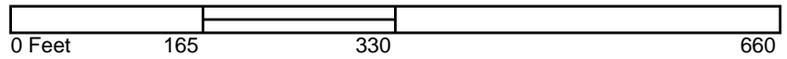
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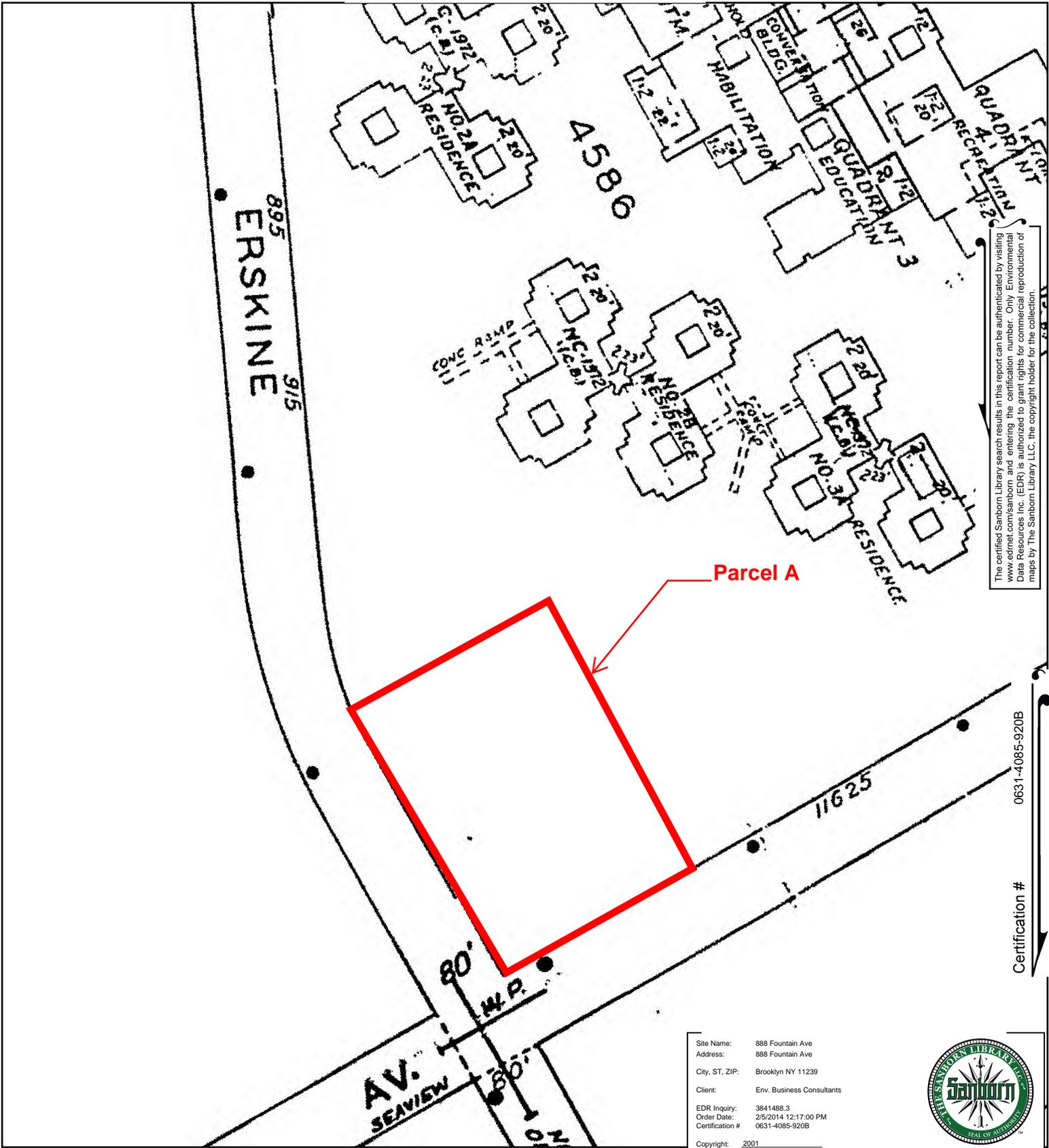


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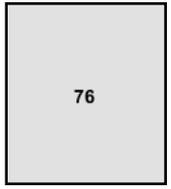
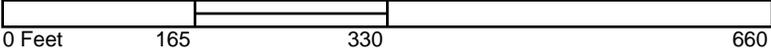
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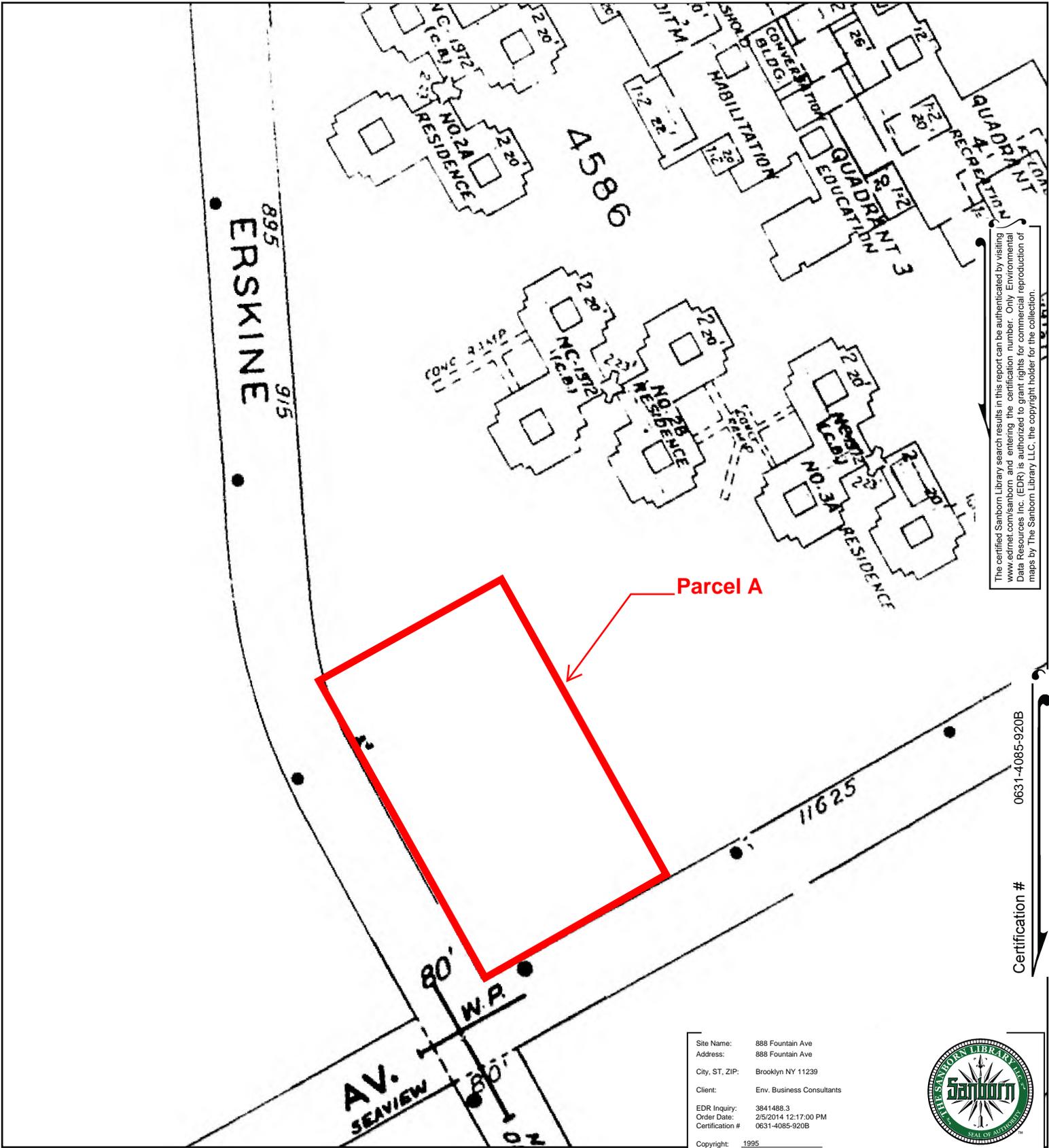
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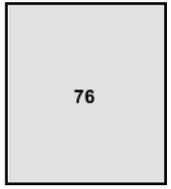
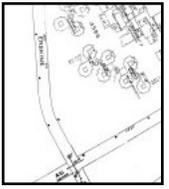
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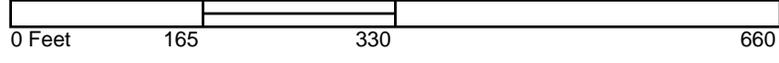
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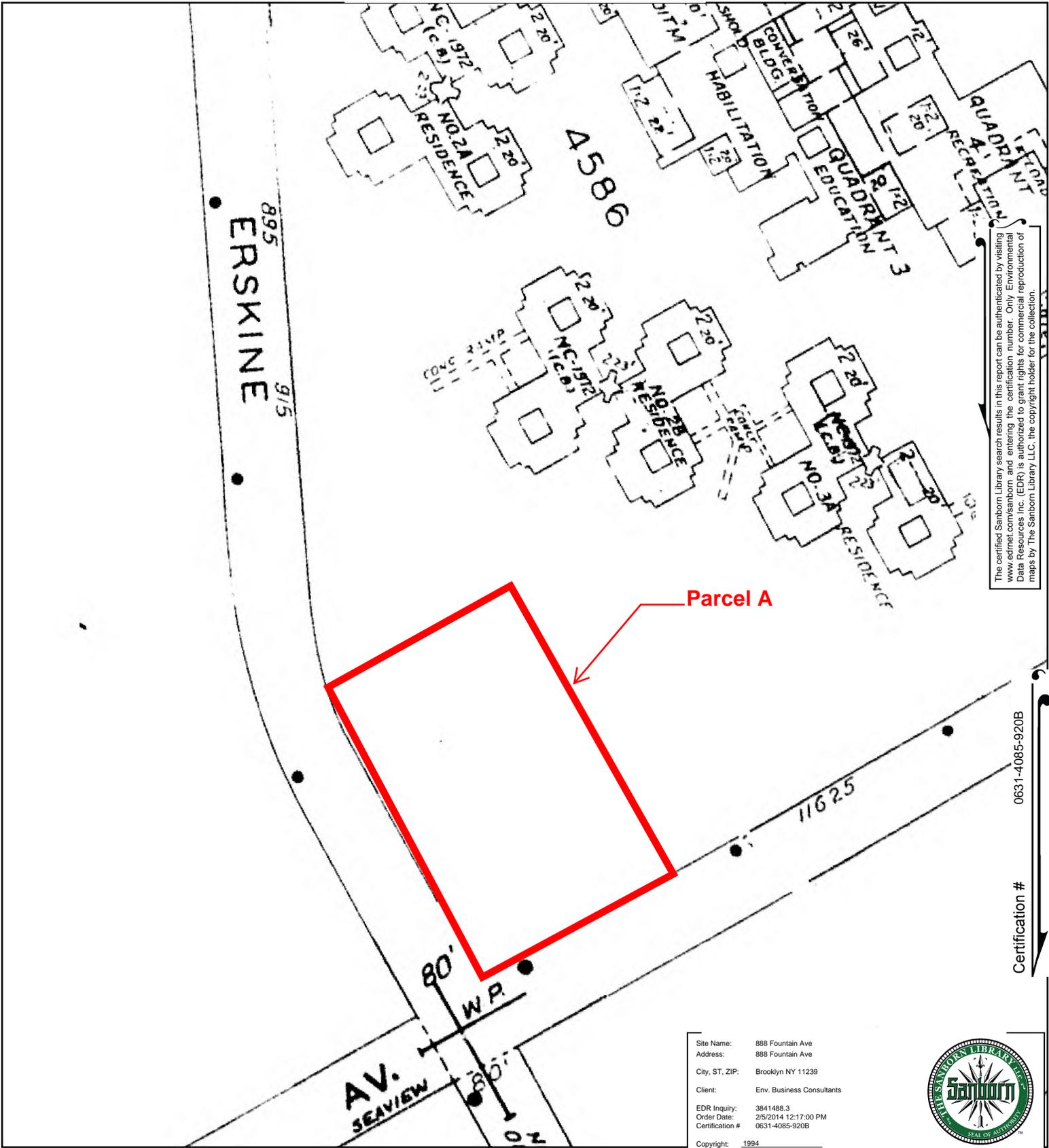
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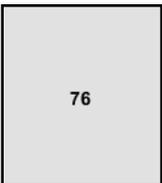
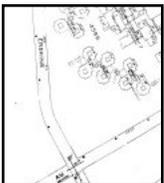
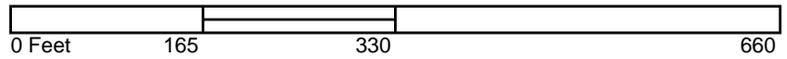


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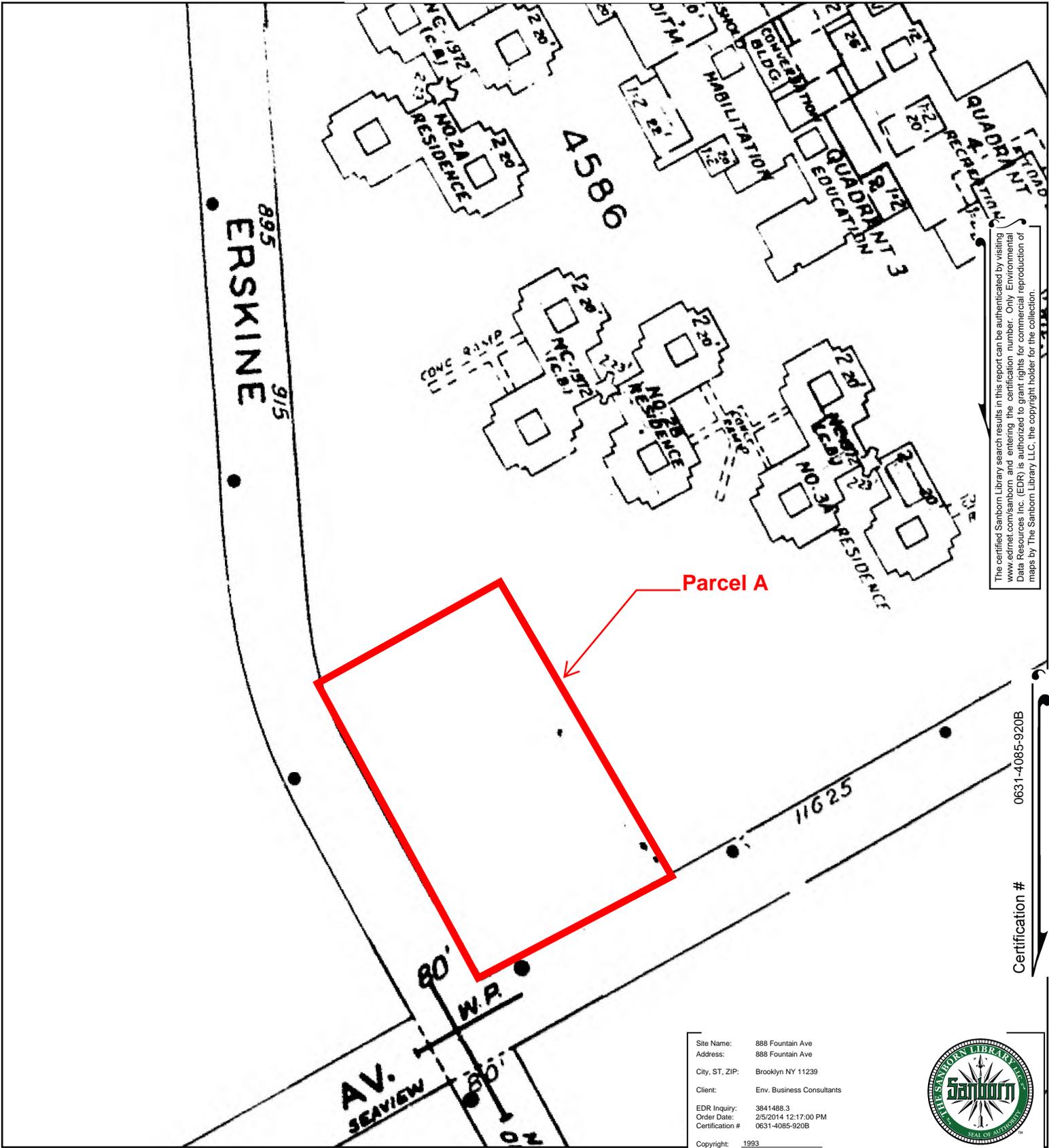
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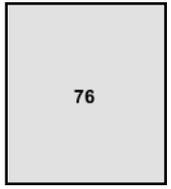
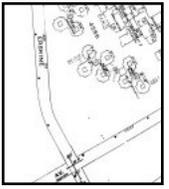
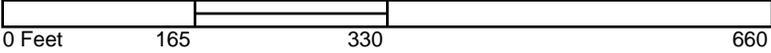
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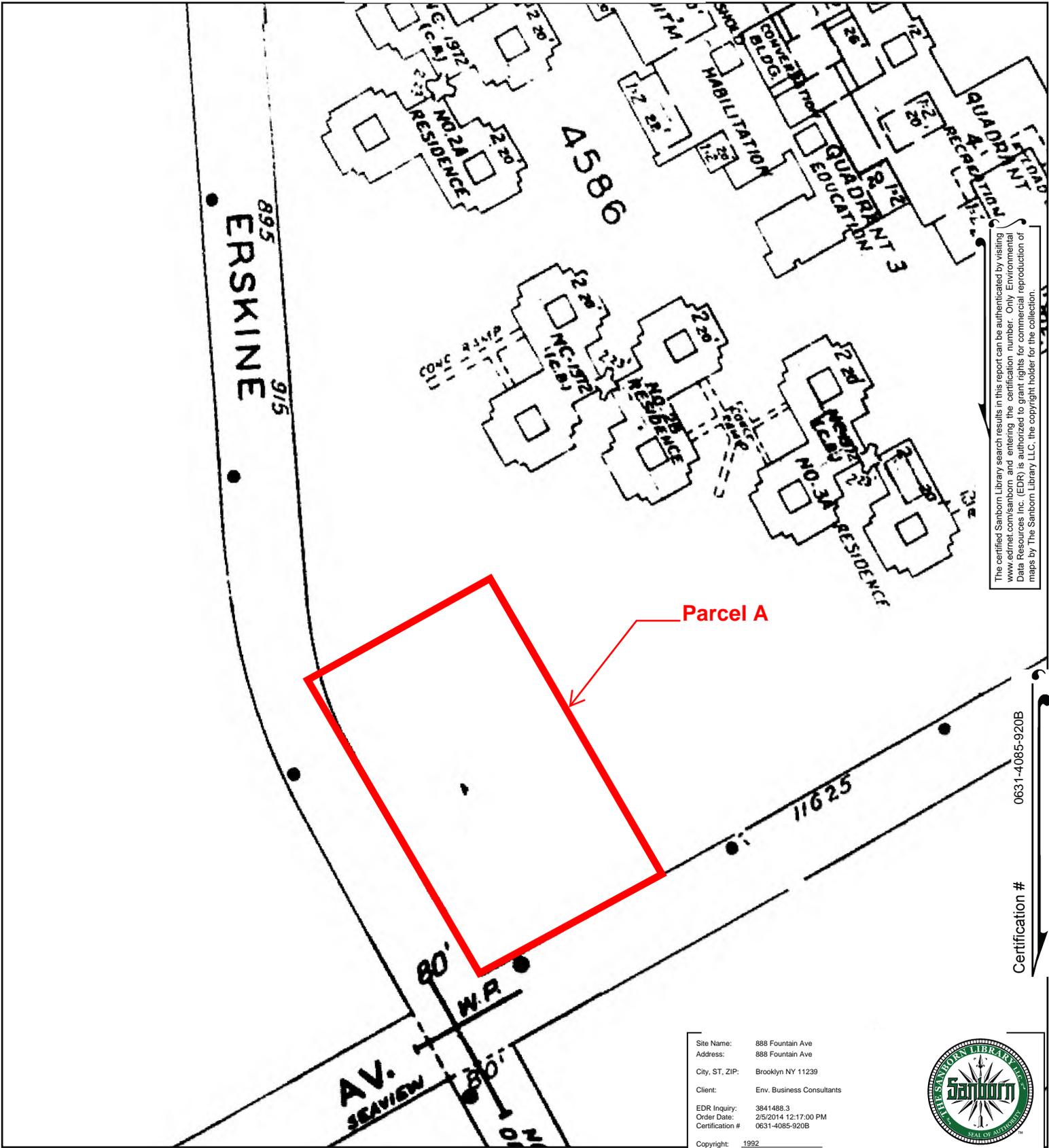
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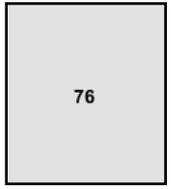
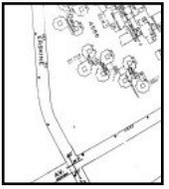
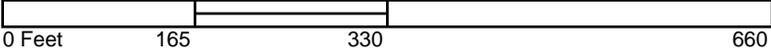
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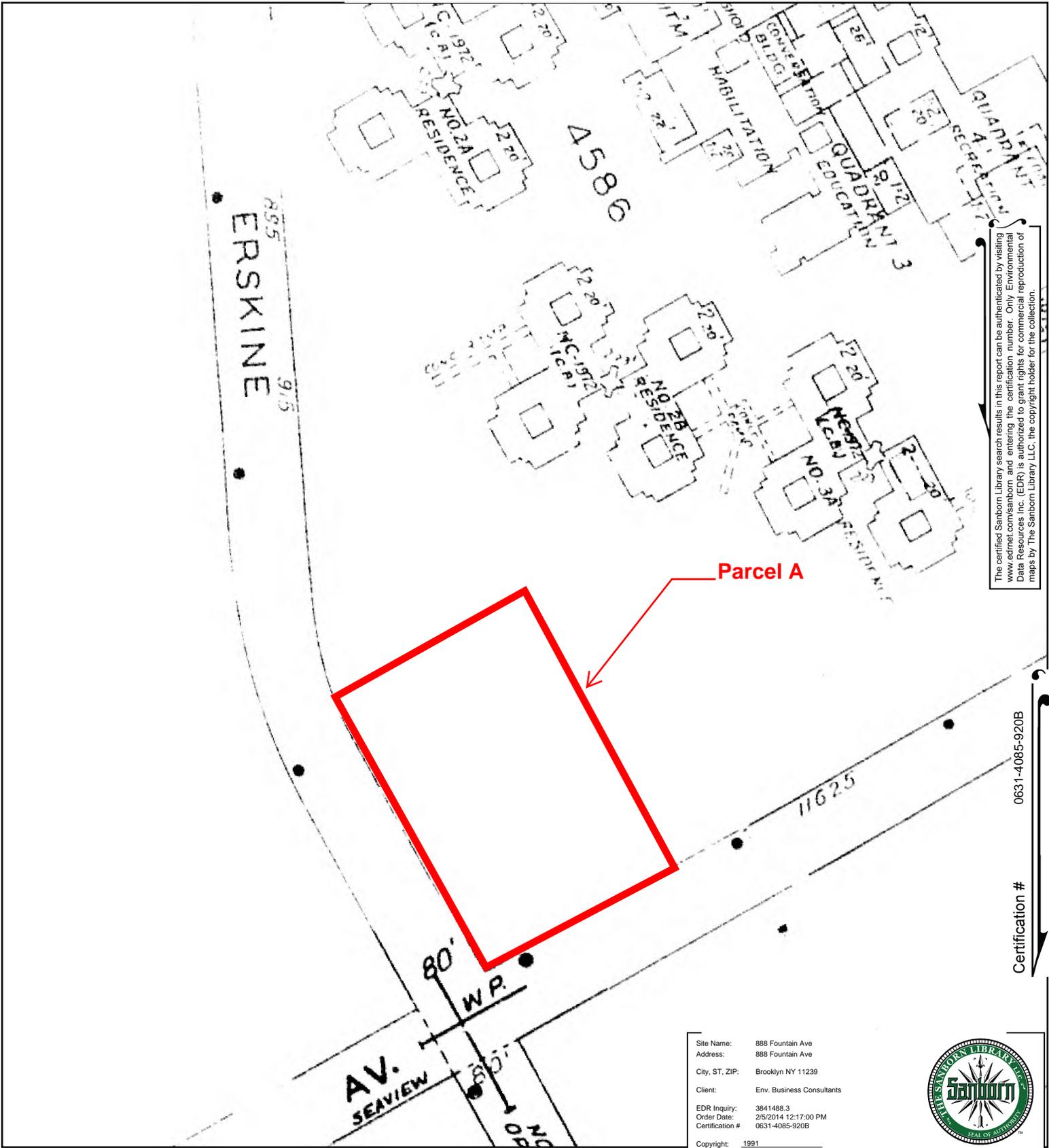
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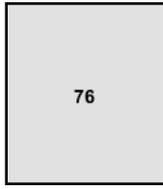
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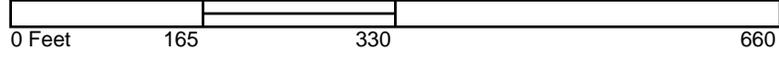
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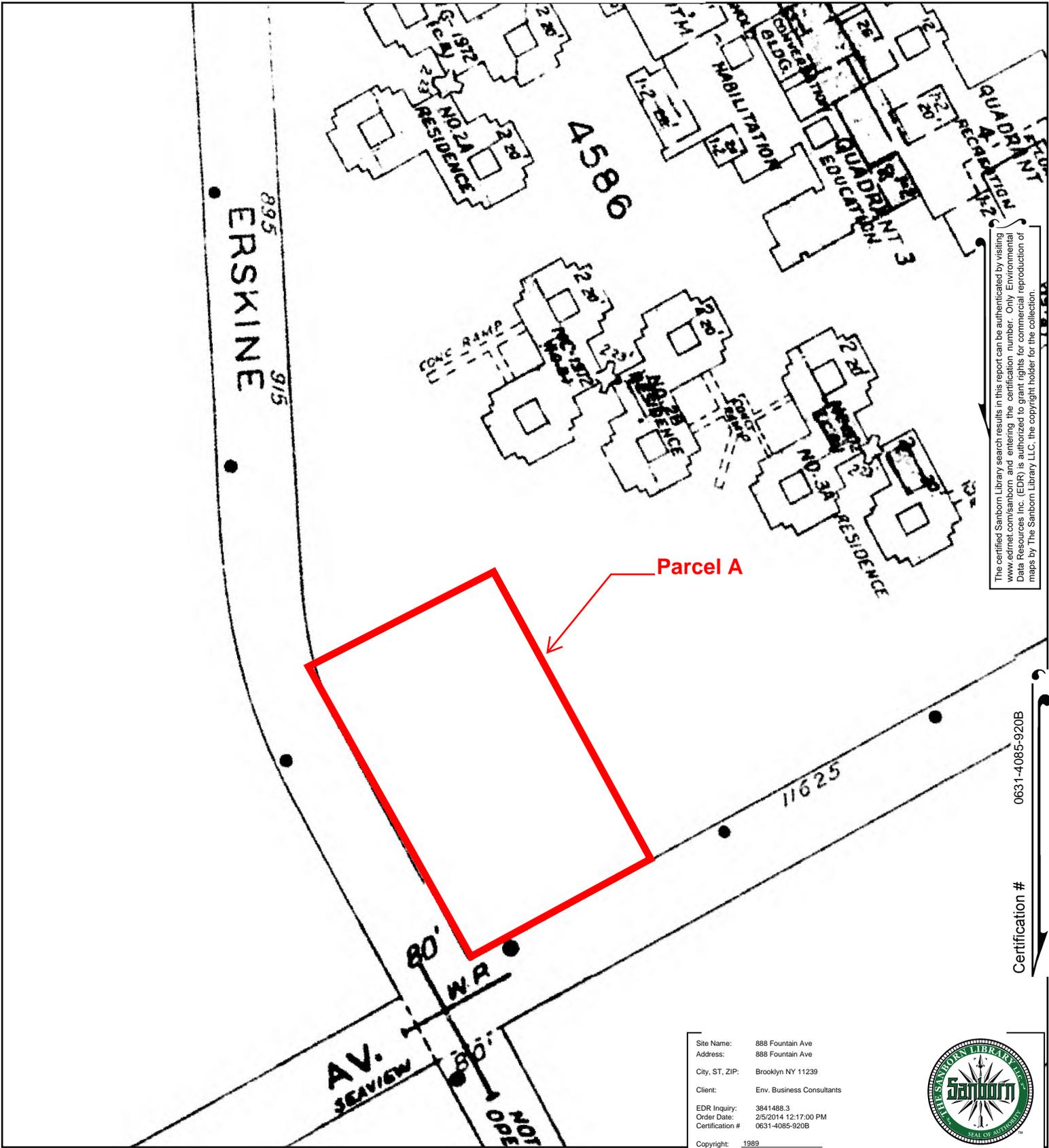
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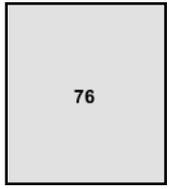
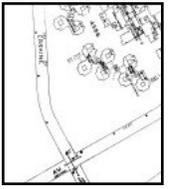
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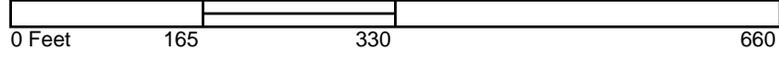
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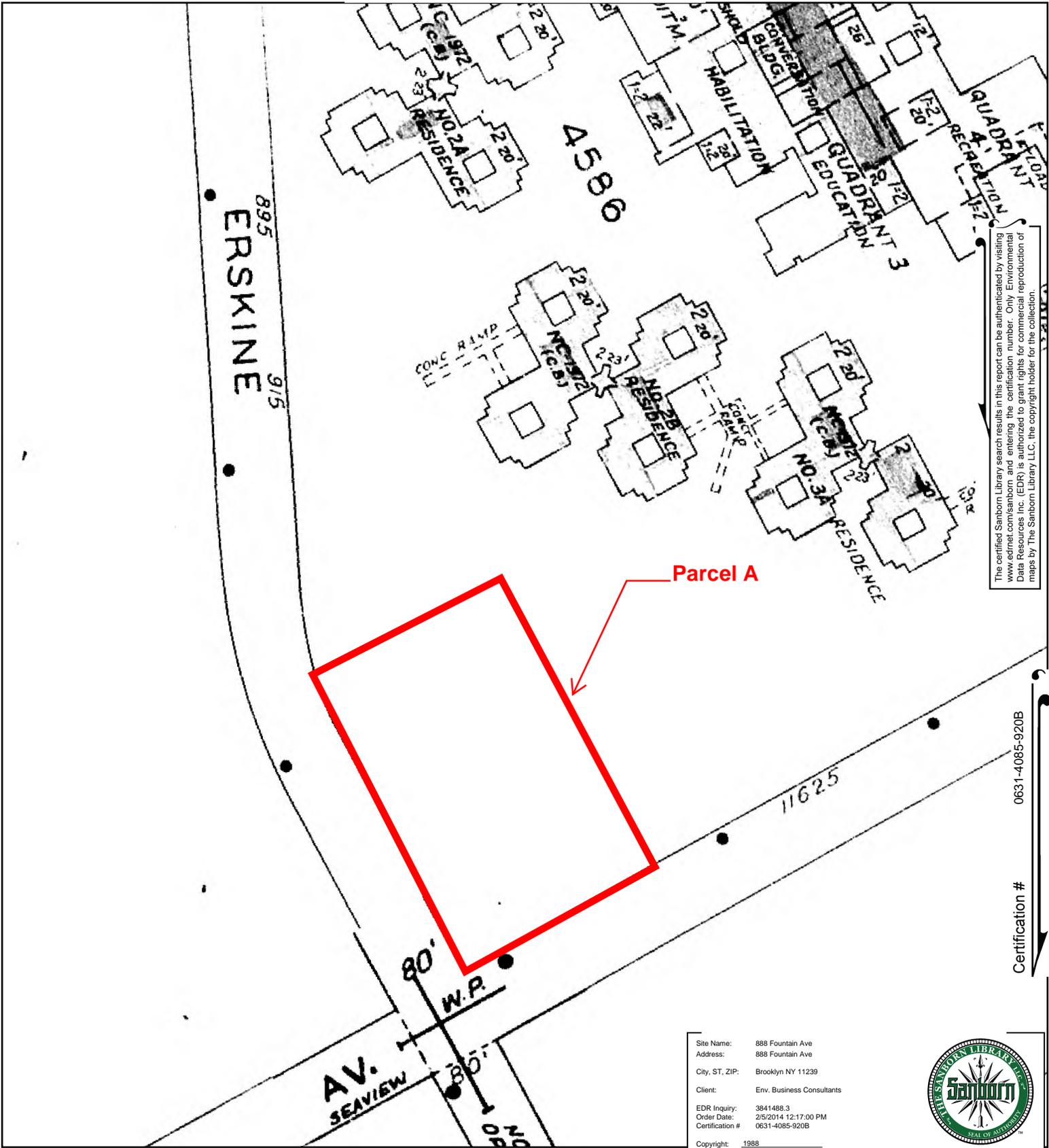
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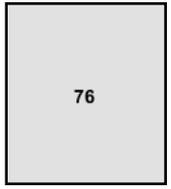
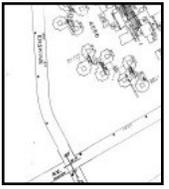
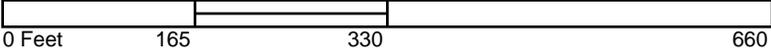
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 Certification #: 0631-4085-920B
 Copyright: 1988



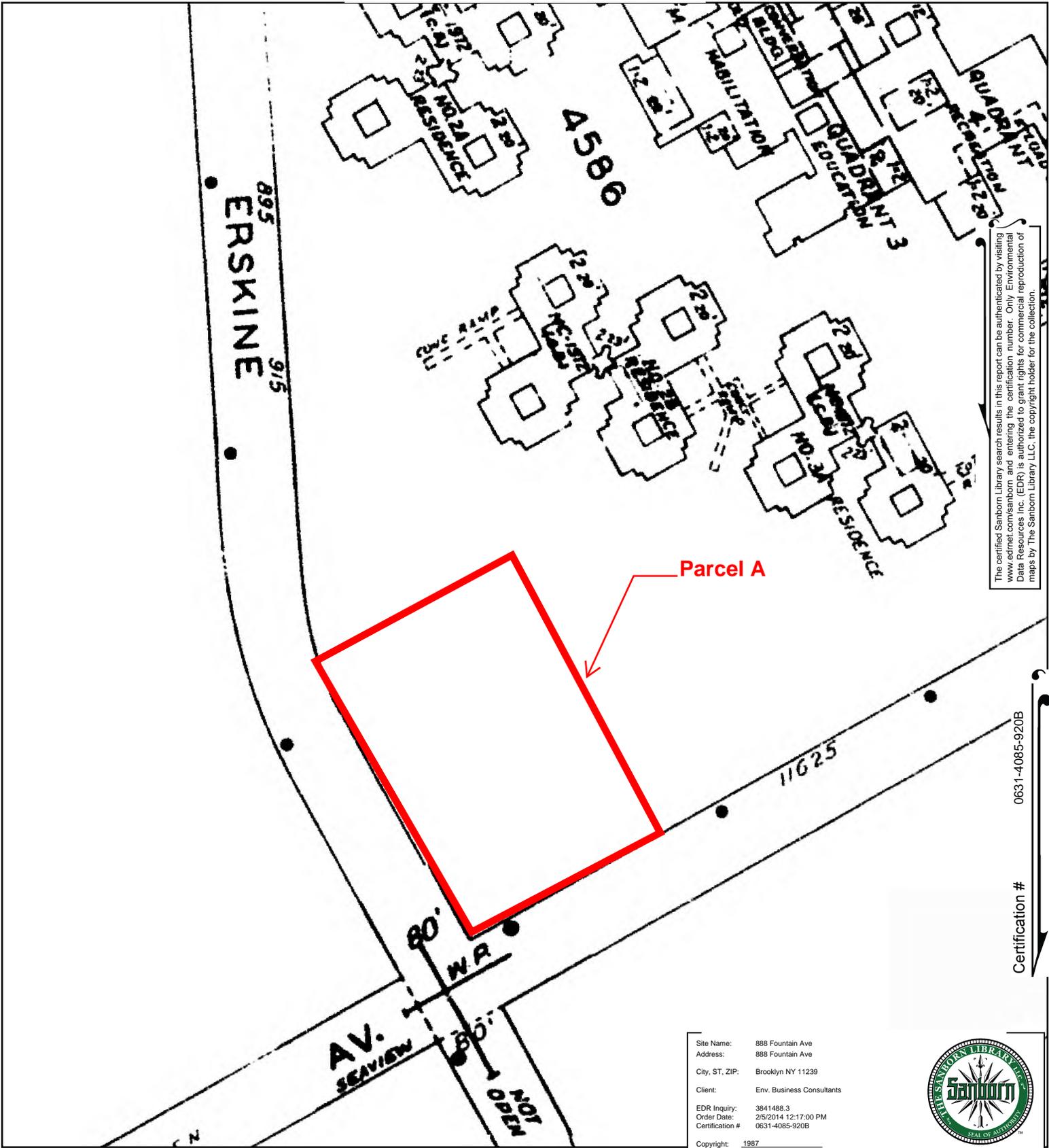
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Volume 8, Sheet 76



1987 Certified Sanborn Map



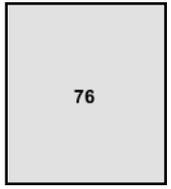
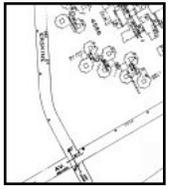
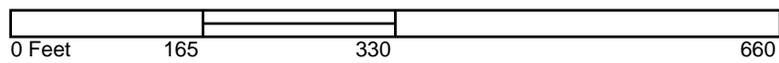
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Site Name: 888 Fountain Ave
 Address: 888 Fountain Ave
 City, ST, ZIP: Brooklyn NY 11239
 Client: Env. Business Consultants
 EDR Inquiry: 3841488.3
 Order Date: 2/5/2014 12:17:00 PM
 Certification #: 0631-4085-920B
 Copyright: 1987



Certification # 0631-4085-920B

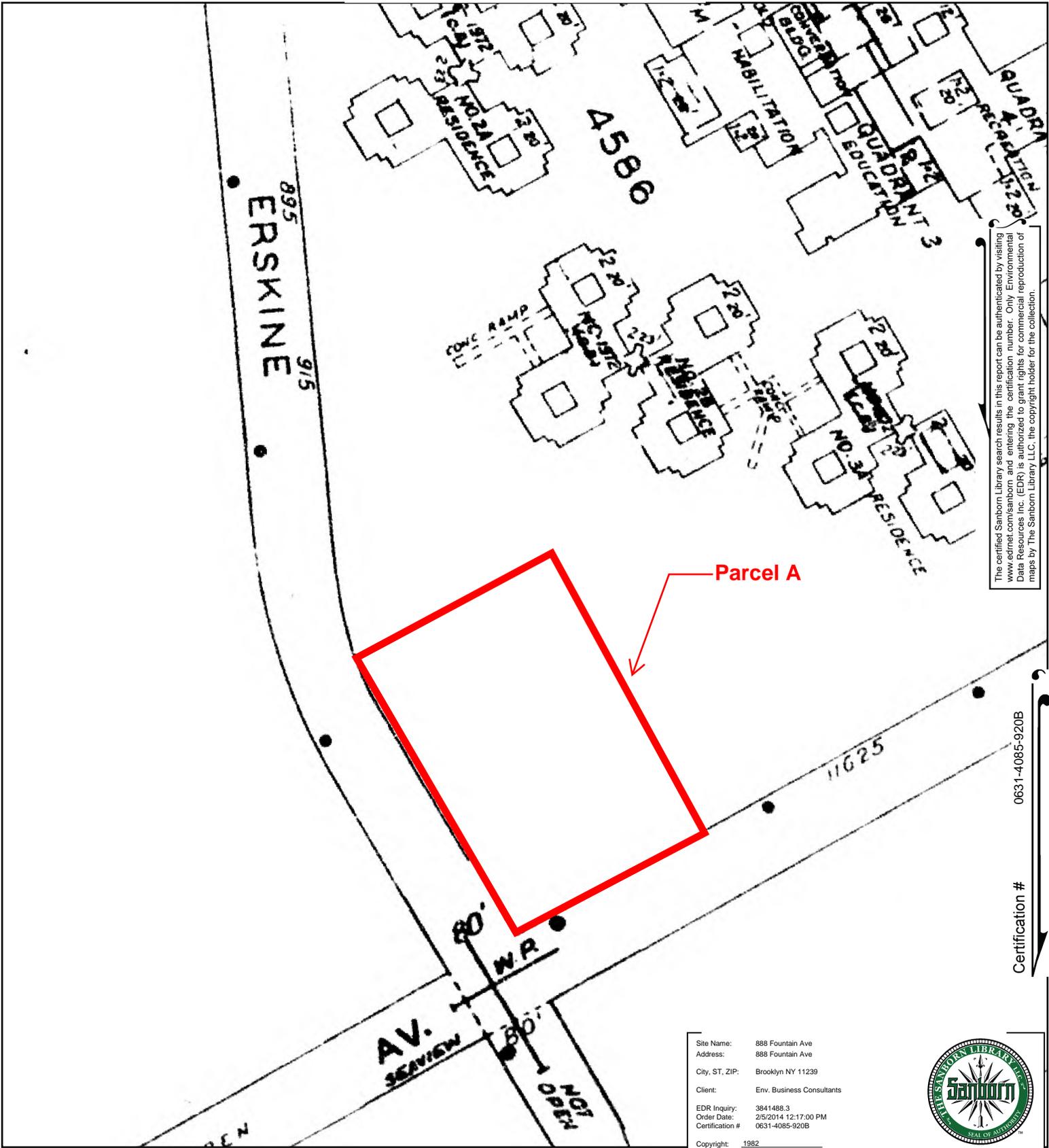
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Volume 8, Sheet 76



1982 Certified Sanborn Map



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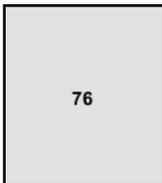
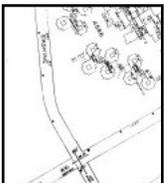
Parcel A

Certification # 0631-4085-920B

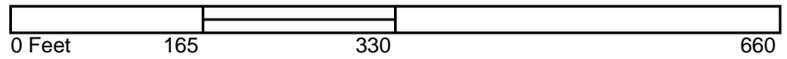
Site Name: 888 Fountain Ave
 Address: 888 Fountain Ave
 City, ST, ZIP: Brooklyn NY 11239
 Client: Env. Business Consultants
 EDR Inquiry: 3841488.3
 Order Date: 2/5/2014 12:17:00 PM
 Certification #: 0631-4085-920B
 Copyright: 1982



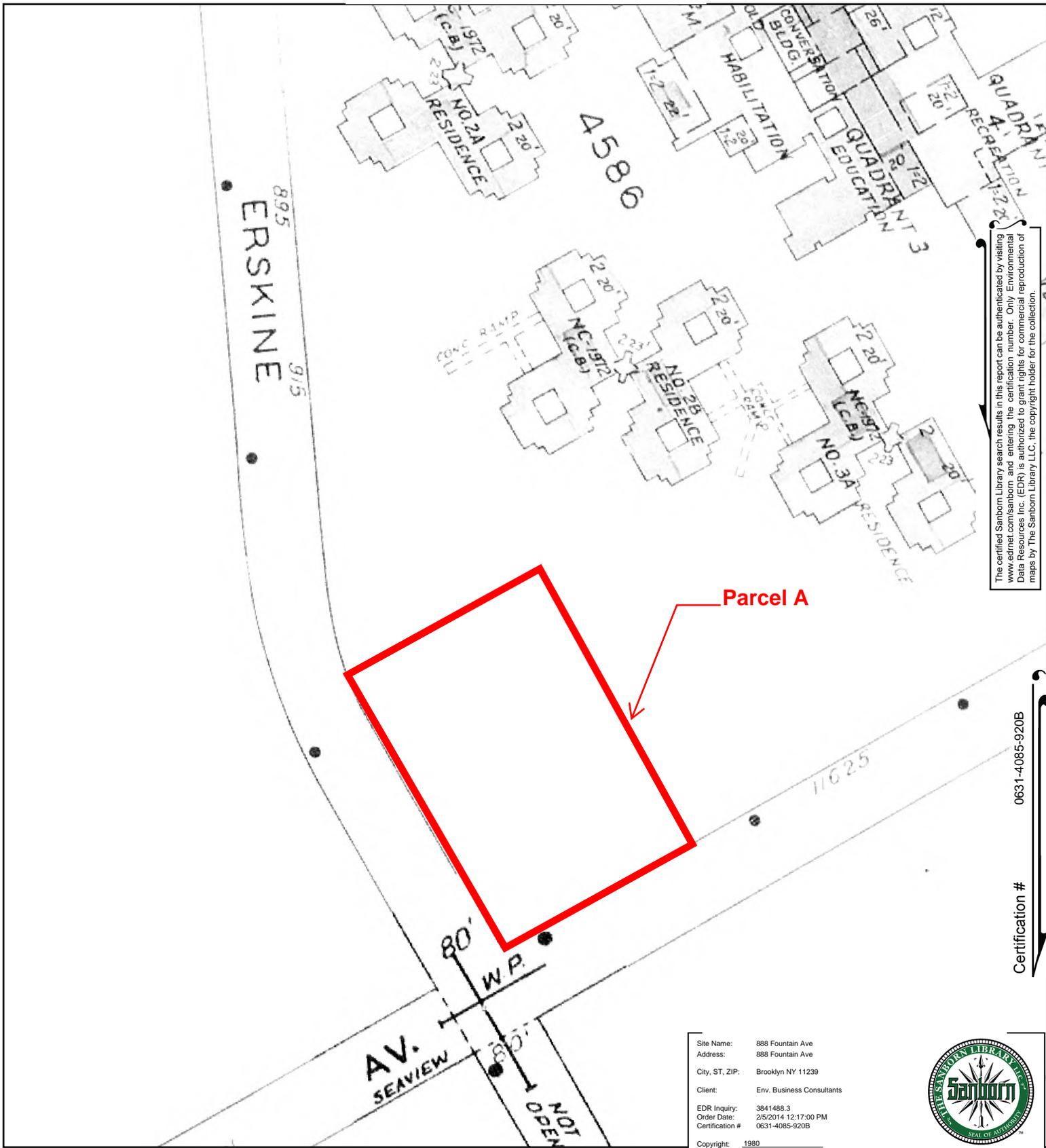
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Volume 8, Sheet 76



1980 Certified Sanborn Map



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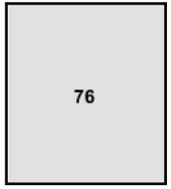
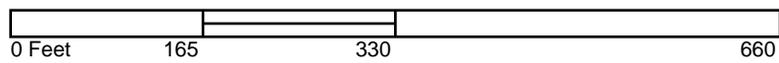
Parcel A

Certification # 0631-4085-920B

Site Name: 888 Fountain Ave
 Address: 888 Fountain Ave
 City, ST, ZIP: Brooklyn NY 11239
 Client: Env. Business Consultants
 EDR Inquiry: 3841488.3
 Order Date: 2/5/2014 12:17:00 PM
 Certification #: 0631-4085-920B
 Copyright: 1980



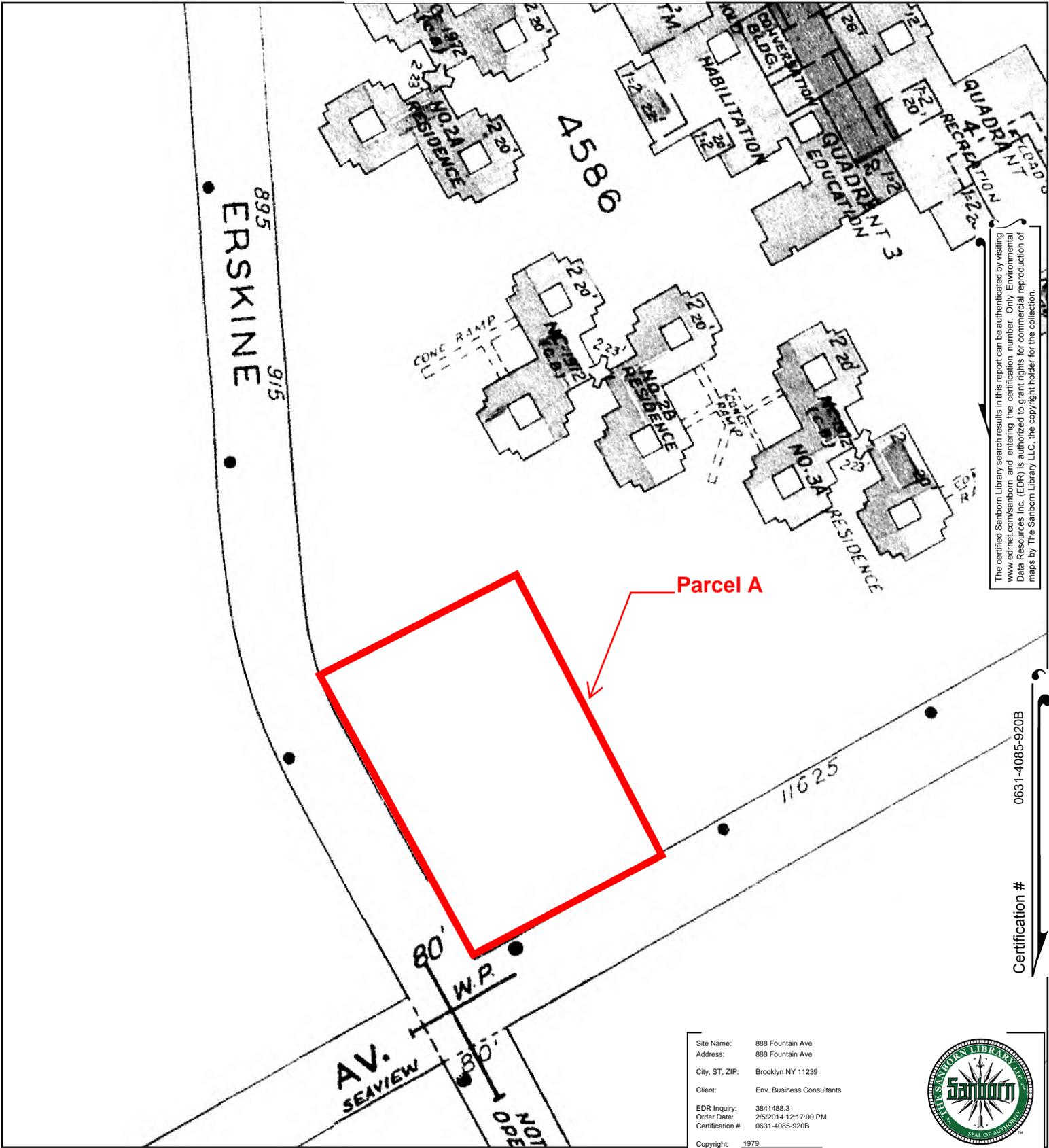
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 8, Sheet 76



1979 Certified Sanborn Map



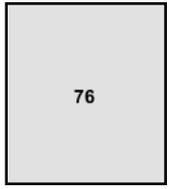
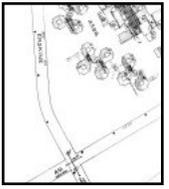
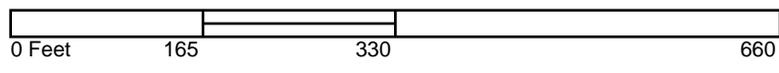
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Certification # 0631-4085-920B

Site Name: 888 Fountain Ave
 Address: 888 Fountain Ave
 City, ST, ZIP: Brooklyn NY 11239
 Client: Env. Business Consultants
 EDR Inquiry: 3841488.3
 Order Date: 2/5/2014 12:17:00 PM
 Certification #: 0631-4085-920B
 Copyright: 1979



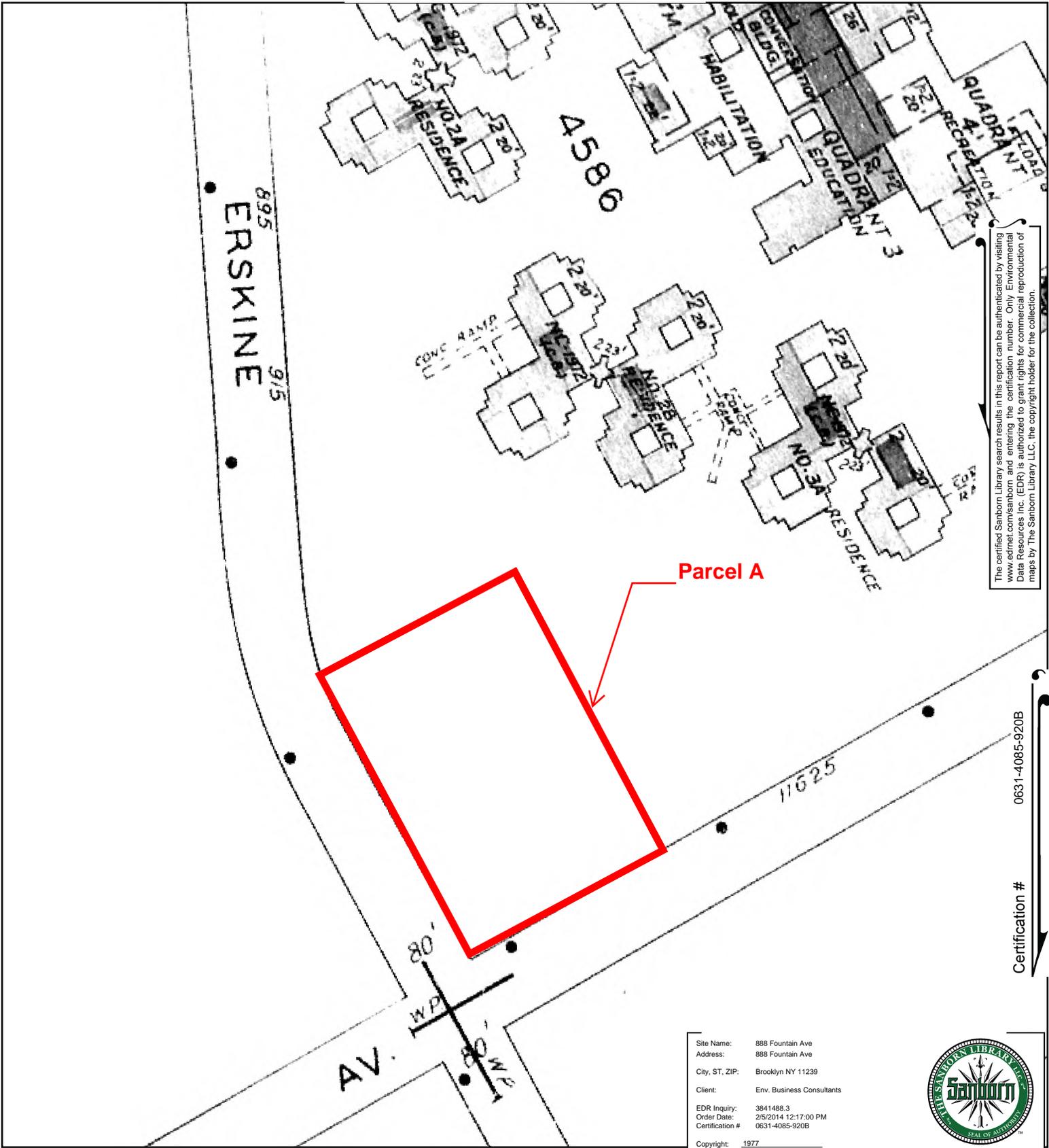
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 8, Sheet 76



1977 Certified Sanborn Map



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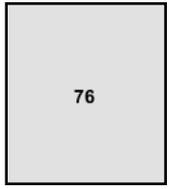
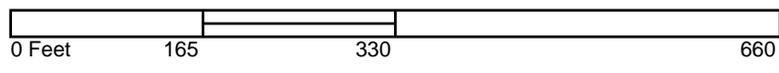
Parcel A

Certification # 0631-4085-920B

Site Name: 888 Fountain Ave
 Address: 888 Fountain Ave
 City, ST, ZIP: Brooklyn NY 11239
 Client: Env. Business Consultants
 EDR Inquiry: 3841488.3
 Order Date: 2/5/2014 12:17:00 PM
 Certification #: 0631-4085-920B
 Copyright: 1977



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 8, Sheet 76



APPENDIX J
CITY DIRECTORY ABSTRACT

888 Fountain Ave
888 Fountain Ave
Brooklyn, NY 11239

Inquiry Number: 3841488.5
January 29, 2014

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2013	Cole Information Services	-	-	-	-
	Cole Information Services	-	X	X	-
2008	Cole Information Services	-	-	-	-
	Cole Information Services	-	X	X	-
2005	Hill-Donnelly Corporation	X	X	X	-
2000	Cole Information Services	X	X	X	-
1997	NYNEX	X	X	X	-
1992	NYNEX Informantion Resource Co.	-	-	-	-
1985	NYNEX Information Resources Company	X	-	X	-
1980	New York Telephone	X	-	X	-
1976	New York Telephone	X	-	X	-
1973	New York Telephone	-	-	-	-
1970	New York Telephone	-	-	-	-
1965	New York Telephone	-	-	-	-
1960	New York Telephone	-	-	-	-
1949	New York Telephone	-	-	-	-
1945	New York Telephone	-	-	-	-
1940	New York Telephone	-	-	-	-
1934	R. L. Polk & Co.	-	-	-	-
1928	New York Telephone	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
830 fountain ave	Client Entered	X
579 Gateway drive	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

888 Fountain Ave
Brooklyn, NY 11239

FINDINGS DETAIL

Target Property research detail.

Fountain

888 Fountain

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Brooklyn Developmental Ctr	Hill-Donnelly Corporation
	Marick Mechanical I o	Hill-Donnelly Corporation
	Mental Hygiene Legal Svc	Hill-Donnelly Corporation
	Spring Creek Early Childhood	Hill-Donnelly Corporation
	Spring Creek Parents Assn	Hill-Donnelly Corporation
2000	NY ST BRKLYN CTR	Cole Information Services
	NY ST MENTAL HYG N	Cole Information Services
	SPRING CREEK ERLY	Cole Information Services
	SPRING CRK PRNTS	Cole Information Services
1997	Lynbrook Laboratory	NYNEX
	Spring Creek Early Childhood Center	NYNEX
	Spring Creek Parents Association	NYNEX
1985	SPRING CREEK PARENTS ASSOCIATION	NYNEX Information Resources Company
1980	SPRING CREAK PARANTS ASSOCIATION	New York Telephone
1976	MENTAL HEALTH INFORMATION SERVICES OFCS MAIN OFFICE	New York Telephone
	NEW YORK STATE OF MENTAL HYGIENE DEPT OF	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

FOUNTAIN AVE

830 FOUNTAIN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	HUGHESNET	Cole Information Services
2008	HUGHES NETWORK SYSTEMS INC	Cole Information Services

fountain ave

830 fountain ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Hughes Network Systems	Hill-Donnelly Corporation
2000	HUGHES NTWRK SYST	Cole Information Services
	HUGHES NTWRK SYST	Cole Information Services
	HUGHES NTWRK SYST	Cole Information Services
	NTNL SAT SERV INC	Cole Information Services
	PANAMSAT CORP	Cole Information Services
	HUGHES NTWRK SYST	Cole Information Services
	HUGHES NTWRK SYST	Cole Information Services
1997	AMSC	NYNEX
	C S C Compusource	NYNEX
	Hughes Communications	NYNEX
	Hughes Network Systems	NYNEX
	Hughes Network Systems Inc	NYNEX
	Local Area Telecommunication Inc	NYNEX
	National Satellite Services Inc	NYNEX

GATEWAY DR

579 GATEWAY DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2013	THE HOME DEPOT	Cole Information Services
2008	HOME DEPOT USA INC	Cole Information Services

FINDINGS

Gateway drive

579 Gateway drive

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Home Depot	Hill-Donnelly Corporation
	h Tomlin J AV	Hill-Donnelly Corporation

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

888 Fountain Ave

Address Not Identified in Research Source

2013, 2008, 1992, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

579 GATEWAY DR

579 Gateway drive

830 fountain ave

830 FOUNTAIN AVE

Address Not Identified in Research Source

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

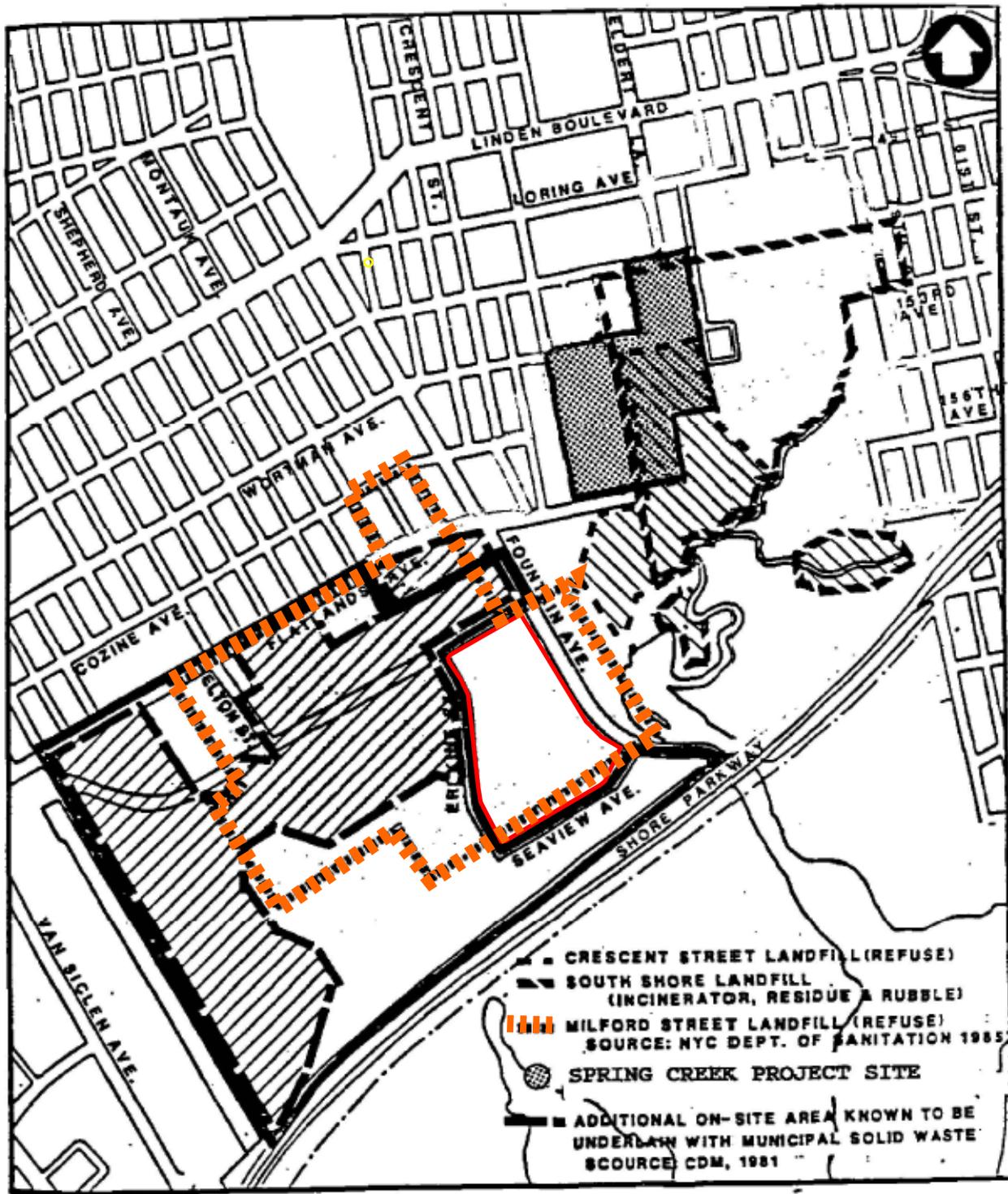
2013, 2008, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2013, 2008, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

APPENDIX K
HISTORICAL LANDFILL MAP

Fig. 3



— GATEWAY ESTATES PROJECT SITE

SOURCE: Lockwood, Kessler & Bartlett, Inc., "Land Use Planning Study for the Spring Creek Industrial Park, Brooklyn/Queens, New York," prepared for the New York City Public Development Corporation, April 1986.

Legend

 Project Site



Historical Landfill Map

888 Fountain Avenue Development

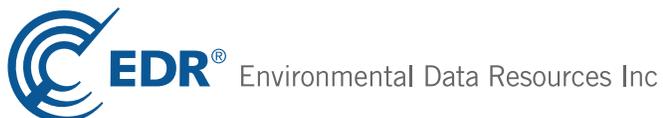
APPENDIX L

REGULATORY AGENCY DATABASE REPORT

888 Fountain Ave
888 Fountain Ave
Brooklyn, NY 11239

Inquiry Number: 3841488.2s
January 28, 2014

The EDR Radius Map™ Report with GeoCheck®



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

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Physical Setting Source Records Searched	A-6

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with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

888 FOUNTAIN AVE
BROOKLYN, NY 11239

COORDINATES

Latitude (North): 40.6573000 - 40° 39' 26.28"
Longitude (West): 73.8667000 - 73° 52' 0.12"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 595807.8
UTM Y (Meters): 4501121.5
Elevation: 9 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40073-F7 JAMAICA, NY
Most Recent Revision: 1994

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

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2011
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
BROOKLYN DEV DISABILITIES SERVICE 888 FOUNTAIN AVE BROOKLYN, NY 11208	US AIRS	N/A
BROOKLYN DEVELOPMENTAL CENTER 888 FOUNTAIN AVENUE BROOKLYN, NY 11208	NY HIST UST	N/A
SPILL NUMBER 0105497 888 FOUNTAIN AVENUE BROOKLYN, NY	NY LTANKS Spill Number/Closed Date: 8802368 / 11/14/1994 Spill Number/Closed Date: 9312879 / 6/13/2013 NY Spills Spill Number/Closed Date: 0105497 / 8/22/2001 Spill Number/Closed Date: 9813420 / 9/27/2005	N/A

EXECUTIVE SUMMARY

BROOKLYN DEV DISABILITIES SERVICE
888 FOUNTAIN AVENUE
BROOKLYN, NY

FINDS

N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

NY VAPOR REOPENED..... Vapor Intrusion Legacy Site List

State and tribal leaking storage tank lists

NY HIST LTANKS..... Listing of Leaking Storage Tanks
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

NY TANKS..... Storage Tank Facility Listing
NY UST..... Petroleum Bulk Storage (PBS) Database
NY CBS UST..... Chemical Bulk Storage Database
NY MOSF UST..... Major Oil Storage Facilities Database
NY AST..... Petroleum Bulk Storage
NY MOSF AST..... Major Oil Storage Facilities Database
NY MOSF..... Major Oil Storage Facility Site Listing
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

NY RES DECL..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY ERP..... Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Lists of Registered Storage Tanks

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

EXECUTIVE SUMMARY

Local Land Records

LIENS 2..... CERCLA Lien Information
NY LIENS..... Spill Liens Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
NY Hist Spills..... SPILLS Database
NY SPILLS 90..... SPILLS 90 data from FirstSearch
NY SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
RMP..... Risk Management Plans
NY UIC..... Underground Injection Control Wells
NY SPDES..... State Pollutant Discharge Elimination System
NY AIRS..... Air Emissions Data
NY E DESIGNATION..... E DESIGNATION SITE LISTING
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
NY COAL ASH..... Coal Ash Disposal Site Listing
NY Financial Assurance..... Financial Assurance Information Listing
PRP..... Potentially Responsible Parties
LEAD SMELTERS..... Lead Smelter Sites
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
PCB TRANSFORMER..... PCB Transformer Registration Database
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
US FIN ASSUR..... Financial Assurance Information
COAL ASH DOE..... Steam-Electric Plant Operation Data

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR US Hist Auto Stat..... EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners..... EDR Exclusive Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 04/26/2013 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>BKLYN UNION GAS /SPRING CREEK</i>	<i>745-757 MONTAUK AVE</i>	<i>NW 1/4 - 1/2 (0.311 mi.)</i>	<i>E15</i>	<i>64</i>

Federal RCRA generators list

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NYCDEP BWT SPRING CREEK WCPC</i>	<i>12720 FLATLANDS AVE</i>	<i>N 1/8 - 1/4 (0.225 mi.)</i>	<i>D11</i>	<i>38</i>

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 11/13/2013 has revealed that there are 4 NY SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER WATERMARK DESIGNS FACIL	491 WORTMAN AVENUE	WNW 1/2 - 1 (0.545 mi.)	22	112
FORMER MAJESTIC GARMENT CLEANE	740 PINE STREET	N 1/2 - 1 (0.683 mi.)	23	119
Class Code: Significant threat to the public health or environment - action required.				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOUNTAIN AVENUE LANDFILL	FOUNTAIN AVENUE AND SHOS	1/2 - 1 (0.745 mi.)	24	123
Class Code: Site is properly closed - requires continued management.				
Not reported	BETWEEN RUBY & EMERALD	NNE 1/2 - 1 (0.823 mi.)	25	127

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

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 10/08/2013 has revealed that there are 4 NY SWF/LF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPRING CREEK DEPOT	12720 FLATLANDS AVE	N 1/8 - 1/4 (0.225 mi.)	D10	30
Not reported	FOUNTAIN AVE. (BET. FLA	NNW 1/8 - 1/4 (0.237 mi.)	12	54
Not reported	978 ESSEX STREET	WNW 1/4 - 1/2 (0.470 mi.)	F20	109
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	844 PINE ST	N 1/4 - 1/2 (0.498 mi.)	21	111

State and tribal leaking storage tank lists

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

A review of the NY LTANKS list, as provided by EDR, and dated 09/25/2013 has revealed that there are 3 NY LTANKS sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPRING CREEK DEPOT Spill Number/Closed Date: 0301420 / 7/10/2003	12720 FLATLANDS AVE	N 1/8 - 1/4 (0.225 mi.)	D10	30
VERIZON Spill Number/Closed Date: 9403246 / 10/17/2003	800 FOUNTAIN AVENUE	N 1/4 - 1/2 (0.254 mi.)	13	55
VARSITY BUS CO Spill Number/Closed Date: 9709326 / 11/12/1997 Spill Number/Closed Date: 9211217 / Not Reported	626 WORTMAN AVE	NW 1/4 - 1/2 (0.453 mi.)	19	90

State and tribal registered storage tank lists

NY CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY CBS AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPRING CREEK DEPOT	12720 FLATLANDS AVE	N 1/8 - 1/4 (0.225 mi.)	D10	30

State and tribal institutional control / engineering control registries

NY ENG CONTROLS: Environmental Remediation sites that have engineering controls in place.

A review of the NY ENG CONTROLS list, as provided by EDR, and dated 11/13/2013 has revealed that there is 1 NY ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
S&S X-RAY INC	1101 LINWOOD STREET	WNW 1/4 - 1/2 (0.449 mi.)	16	66

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 11/13/2013 has revealed that there is 1 NY INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
S&S X-RAY INC	1101 LINWOOD STREET	WNW 1/4 - 1/2 (0.449 mi.)	16	66

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the NY VCP list, as provided by EDR, and dated 11/13/2013 has revealed that there is 1 NY VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
S&S X-RAY INC	1101 LINWOOD STREET	WNW 1/4 - 1/2 (0.449 mi.)	16	66

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 10/08/2013 has revealed that there are 2 NY SWRCY sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALLIED WASTE OF NEW YORK INC 9	992 ESSEX STREET	WNW 1/4 - 1/2 (0.450 mi.)	F18	88
Not reported	978 ESSEX STREET	WNW 1/4 - 1/2 (0.470 mi.)	F20	109

Records of Emergency Release Reports

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

A review of the NY Spills list, as provided by EDR, and dated 09/25/2013 has revealed that there are 2 NY Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BEHIND A SHOPPING MALL Spill Number/Closed Date: 0712457 / 3/6/2008	ERSKIEN & VANDELIA AVE	WNW 0 - 1/8 (0.104 mi.)	B5	22
BEHIND HOME DEPOT Spill Number/Closed Date: 0402339 / 6/2/2004	ERSKINE ST./ VANADIA AV	WNW 0 - 1/8 (0.104 mi.)	B6	24

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA)

EXECUTIVE SUMMARY

of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NATIONAL SATELLITE SERVICES IN	830 FOUNTAIN AVE	N 1/8 - 1/4 (0.180 mi.)	C7	25

NY HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there is 1 NY HSWDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BUG, SPRING CREEK GATE STATION	745-757 MONTAUK AVENUE	NW 1/4 - 1/2 (0.311 mi.)	E14	62

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

A review of the NY MANIFEST list, as provided by EDR, and dated 11/01/2013 has revealed that there are 3 NY MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYCDEP BWT SPRING CREEK WCPC	12720 FLATLANDS AVE	N 1/8 - 1/4 (0.225 mi.)	D11	38
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONSOLIDATED EDISON V6885	V6885-830 FOUNTAIN AVE 830 FOUNTAIN AVE	N 1/8 - 1/4 (0.180 mi.) N 1/8 - 1/4 (0.180 mi.)	C8 C9	27 28

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 11/01/2013 has revealed that there is 1 NJ MANIFEST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYCDEP BWT SPRING CREEK WCPC	12720 FLATLANDS AVE	N 1/8 - 1/4 (0.225 mi.)	D11	38

EXECUTIVE SUMMARY

WI MANIFEST: Hazardous waste manifest information.

A review of the WI MANIFEST list, as provided by EDR, and dated 11/01/2013 has revealed that there is 1 WI MANIFEST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NYCDEP BWT SPRING CREEK WCPC</i>	<i>12720 FLATLANDS AVE</i>	<i>N 1/8 - 1/4 (0.225 mi.)</i>	<i>D11</i>	<i>38</i>

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA LF: The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists.

A review of the NY RGA LF list, as provided by EDR, has revealed that there are 5 NY RGA LF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SPRING CREEK DEPOT</i>	<i>12720 FLATLANDS AVE</i>	<i>N 1/8 - 1/4 (0.225 mi.)</i>	<i>D10</i>	<i>30</i>
<i>Not reported</i>	<i>FOUNTAIN AVE. (BET. FLA</i>	<i>NNW 1/8 - 1/4 (0.237 mi.)</i>	<i>12</i>	<i>54</i>
<i>Not reported</i>	<i>992 ESSEX STREET</i>	<i>WNW 1/4 - 1/2 (0.450 mi.)</i>	<i>F17</i>	<i>88</i>
<i>Not reported</i>	<i>978 ESSEX STREET</i>	<i>WNW 1/4 - 1/2 (0.470 mi.)</i>	<i>F20</i>	<i>109</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>Not reported</i>	<i>844 PINE ST</i>	<i>N 1/4 - 1/2 (0.498 mi.)</i>	<i>21</i>	<i>111</i>

NY RGA HWS: The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists.

A review of the NY RGA HWS list, as provided by EDR, has revealed that there are 3 NY RGA HWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FORMER MAJESTIC GARMENT CLEANER</i>	<i>740 PINE STREET</i>	<i>N 1/2 - 1 (0.683 mi.)</i>	<i>23</i>	<i>119</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FOUNTAIN AVENUE LANDFILL</i>	<i>FOUNTAIN AVENUE AND SHOS 1/2 - 1 (0.745 mi.)</i>		<i>24</i>	<i>123</i>
<i>Not reported</i>	<i>BETWEEN RUBY & EMERALD NNE 1/2 - 1 (0.823 mi.)</i>		<i>25</i>	<i>127</i>

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
NYCTA-CPM ENVIRONMENTAL ENGINEERIN	RCRA-CESQG, FINDS, NY MANIFEST
BELL ATLANTIC-NY	NY MANIFEST
MTA NYCT - BEDFORD & NOSTRAND AVE	RCRA NonGen / NLR, FINDS, NY MANIFEST
MTA NYCT - METROPOLITAN AVE STATIO	RCRA NonGen / NLR, FINDS, NY MANIFEST
CONSOLIDATED EDISON	RCRA NonGen / NLR, NY MANIFEST
NYC BOARD OF EDUCATION PS 369 BKLY	RCRA NonGen / NLR, FINDS, NY MANIFEST
NEW YORK CITY DEPT OF TRANSPORTATI	RCRA NonGen / NLR, FINDS, NY MANIFEST
LONG ISLAND RAILROAD	RCRA NonGen / NLR, FINDS, NY MANIFEST
NYSDOT BIN 2231529	RCRA-LQG
NYSDOT BIN 2231549	RCRA-LQG
NYSDOT BIN 2231539	RCRA-LQG
NYCDOT GLENMORE AVE BRIDGE #224386	RCRA NonGen / NLR
NYCDOT LIBERTY AVE BRIDGE #2243850	RCRA NonGen / NLR
NYCT-PROSPECT AVE STATION N&R LINE	RCRA NonGen / NLR, FINDS
EVERGREEN & FLUSHING AVE	FINDS
EXIT 34	NY Spills
ROADWAY	NY Spills
KINGS HIGHWAY MOBIL	NY Spills
BETW/AVE X &	NY Spills
205842; KINGS HWY	NY Spills

OVERVIEW MAP - 3841488.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites



- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands

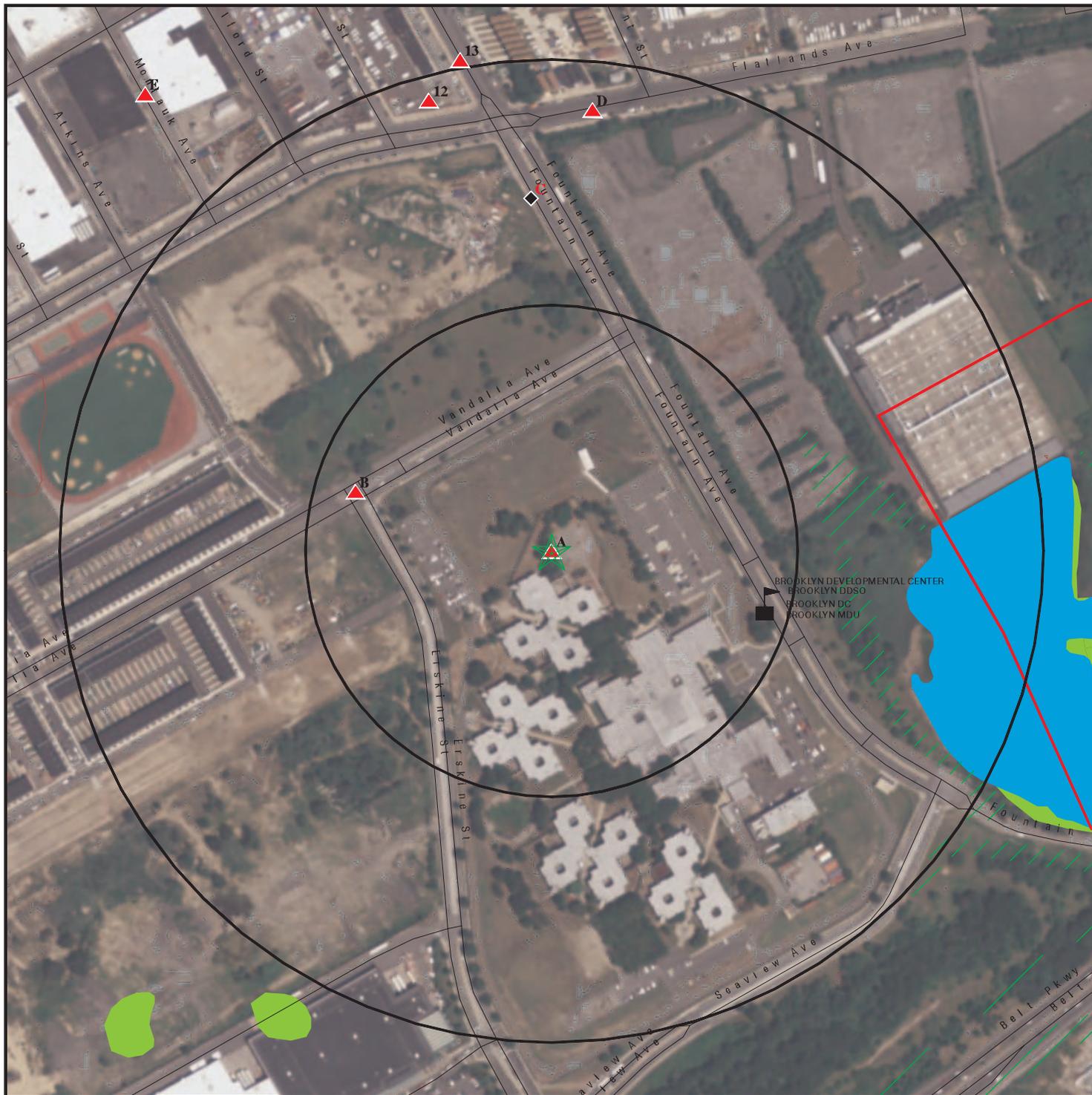


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 888 Fountain Ave
 ADDRESS: 888 Fountain Ave
 Brooklyn NY 11239
 LAT/LONG: 40.6573 / 73.8667

CLIENT: Env. Business Consultants
 CONTACT: Chawinie Miller
 INQUIRY #: 3841488.2s
 DATE: January 28, 2014 4:51 pm

DETAIL MAP - 3841488.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 888 Fountain Ave
 ADDRESS: 888 Fountain Ave
 Brooklyn NY 11239
 LAT/LONG: 40.6573 / 73.8667

CLIENT: Env. Business Consultants
 CONTACT: Chawinie Miller
 INQUIRY #: 3841488.2s
 DATE: January 28, 2014 4:52 pm

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
NY LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125	1	2	NR	NR	NR	NR	3
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	1	NR	NR	1
NY UIC	TP		NR	NR	NR	NR	NR	0
NY MANIFEST	0.250		0	3	NR	NR	NR	3
NJ MANIFEST	0.250		0	1	NR	NR	NR	1
WI MANIFEST	0.250		0	1	NR	NR	NR	1
NY DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY E DESIGNATION	0.125		0	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP	1	NR	NR	NR	NR	NR	1
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA LF	0.500		0	2	3	NR	NR	5
NY RGA HWS	1.000		0	0	0	3	NR	3

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1 **BROOKLYN DEV DISABILITIES SERVICE OFFICE**
Target **888 FOUNTAIN AVE**
Property **BROOKLYN, NY 11208**

US AIRS **1007484611**
N/A

Site 1 of 4 in cluster A

Actual:
9 ft.

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID: 110017626274
Plant name: BROOKLYN DEV DISABILITIES SERVICE OFFICE
Plant address: 888 FOUNTAIN AVE
BROOKLYN, NY 11208
County: KINGS
Region code: 02
Dunn & Bradst #: Not reported
Air quality cntrl region: 043
Sic code: 8069
Sic code desc: Not reported
North Am. industrial classf: Not reported
NAIC code description: Not reported
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification: POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS
IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE
REGULATIONS OR LIMITATIONS.
Govt facility: SOURCE OWNED OR OPERATED BY THE STATE
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070312
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 070312
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 070312
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 070822
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 070822
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 070824
Penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROOKLYN DEV DISABILITIES SERVICE OFFICE (Continued)

1007484611

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 070824
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 070824
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 110519
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 110519
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 120112
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 120112
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120522
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120522
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 120612
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 120612
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 120612
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROOKLYN DEV DISABILITIES SERVICE OFFICE (Continued)

1007484611

Date achieved: 130204
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 130204
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROOKLYN DEV DISABILITIES SERVICE OFFICE (Continued)

1007484611

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	NSPS
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	NSPS
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	NSPS
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	NSPS
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROOKLYN DEV DISABILITIES SERVICE OFFICE (Continued)

1007484611

Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1301
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1302
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

**A2
Target
Property**

**BROOKLYN DEVELOPMENTAL CENTER
888 FOUNTAIN AVENUE
BROOKLYN, NY 11208**

**NY HIST UST U001840147
N/A**

Site 2 of 4 in cluster A

**Actual:
9 ft.**

HIST UST:
PBS Number: 2-452564
SPDES Number: Not reported
Emergency Contact: FELIX RAMOS
Emergency Telephone: (718) 642-6072
Operator: EUGENE MASSIMO, PLANT SUPERINT.
Operator Telephone: (718) 642-6074
Owner Name: NYS OMRDD
Owner Address: 888 FOUNTAIN AVENUE
Owner City, St, Zip: BROOKLYN, NY 11208
Owner Telephone: (718) 642-4602
Owner Type: State Government

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROOKLYN DEVELOPMENTAL CENTER (Continued)

U001840147

Owner Subtype: NYS OMRDD
Mailing Name: NYS OMRDD
Mailing Address: 888 FOUNTAIN AVENUE
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11208
Mailing Contact: FELIX RAMOS JR.
Mailing Telephone: (718) 642-4602
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: 888 FOUNTAIN AVENUE
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: UTILITY
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 08/27/1999
Expiration Date: 08/23/2003
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 50000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 61
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 03/01/1971
Capacity (gals): 25000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Underground
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: 10/01/1988
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 09/01/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROOKLYN DEVELOPMENTAL CENTER (Continued)

U001840147

Test Method: Petro-Tite
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 03/01/1971
Capacity (gals): 25000
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 02/01/1994
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 03/01/1971
Capacity (gals): 25000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Underground
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 03/01/1998
Test Method: Not reported
Deleted: False
Updated: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROOKLYN DEVELOPMENTAL CENTER (Continued)

U001840147

Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: 03/01/1971
Capacity (gals): 25000
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 02/01/1994
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 1A
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 12/01/1998
Capacity (gals): 25000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: NONE
Pipe Internal: None
Pipe External: None
Second Containment: Vault (w/access)
Leak Detection: In-tank System
Overfill Prot: Automatic Shut-Off
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROOKLYN DEVELOPMENTAL CENTER (Continued)

U001840147

Tank Id: 2A
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 12/01/1998
Capacity (gals): 25000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: NONE
Pipe Internal: None
Pipe External: None
Second Containment: Vault (w/access)
Leak Detection: In-tank System
Overfill Prot: Automatic Shut-Off
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

A3
Target
Property

SPILL NUMBER 0105497
888 FOUNTAIN AVENUE
BROOKLYN, NY

NY LTANKS **S105140455**
NY Spills **N/A**

Site 3 of 4 in cluster A

Actual:
9 ft.

LTANKS:
Site ID: 246944
Spill Number/Closed Date: 8802368 / 11/14/1994
Spill Date: 6/15/1988
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 11/14/1994
Cleanup Meets Standard: False
SWIS: 2401
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 6/15/1988
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 6/15/1988
Spill Record Last Update: 11/15/1994
Spiller Name: Not reported
Spiller Company: OGS
Spiller Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0105497 (Continued)

S105140455

Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 202753
DEC Memo: Not reported
Remarks: (4) 25K TANKS WITH VISIBLE LEAKS, TEST ABORTED DUE TO VISIBLE LEAKS, MANHOLE BOLTS AND GASKETS MISSING, 3 OUT OF 4 TANKS IN THIS CONDITION.
Not reported

Material:

Site ID: 246944
Operable Unit ID: 917696
Operable Unit: 01
Material ID: 457939
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: 246944
Spill Tank Test: 1534126
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

Site ID: 246946
Spill Number/Closed Date: 9312879 / 6/13/2013
Spill Date: 2/1/1994
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: VXBREVD0
Referred To: TANK CLOSURE REPORT BY 10/11/08
Reported to Dept: 2/1/1994
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0105497 (Continued)

S105140455

Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2/2/1994
Spill Record Last Update: 6/13/2013
Spiller Name: CARMELO FELICIANO
Spiller Company: NYS OMRD
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 202753
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"2/4/94 MILLER SPOKE WITH CALLER, A. BOYD: TANK NO. 003 FAILED TEST ON 2/1/94.2/4/94 PERFORMED SITE VISIT.2/10/94 @1530HRS, SPOKE WITH BOYD: TANKS 002, 003 & 004 ORIGINALLY FAILED; 002 & 004 WERE ISOLATED AND FAILED; 003 PASSED ISOLATION TEST; PIPING REPAIRED; TANKS WILL BE EMPTIED AND TAKEN OUT OF SERVICE AS OGS CONTRACT IS LET.2/22/94 @0918HRS, MILLER INSPECTS SITE: MEET A. BOYD; TANK CONTRACTOR W/CAT WAS WORKING ON MOUNDED TANK AREA - NOTE REWORKED SOIL; PLAN TO REPLACE 4 USTS; REPLACED #003 TANK FILL - PASSED ISOLATION TEST; ALL USTS ARE OUT-OF-SERVICE; HEATING AND EMERGENCY GENERATORS RUN ON NATURAL GAS; I WILL BE NOTIFIED OF TANK PULS IN SPRING.10/10/95: This is additional information about material spilled from the translation of the old spill file: TTF.6/25/08: Reassigned from Vadim Brevdo to Kartik Chanda. (Chanda)8/11/08: Chanda has reviewed this spill related documents and sent a letter to Brooklyn Development center, requiring that the following information be submitted to DEC by 10/11/08; 1.Tank closure assessment report. 2.Locations of tank and/or line test failure. 3.Subsurface investigation report, including current and historical soil and groundwater analysis. 4.Surrounding property sketch: A surrounding property sketch including property layout and usage must be submitted to NYSDEC. North arrow and scale must also be included on the site plan.01/09/2013 - V. BrevdoContacted Mr. Thomas McNamara at OPWDD Business Office at 718-642-6010. As per conversation with Mr. McNamara sent e-mail with attached spill report and Department's August 11, 2008 letter to OPWDD. Text of the e-mail is as follows:"January 9, 2013Dear Mr. McNamara: It was my pleasure speaking to your earlier today regarding an open spill case No. 9312879 at the OPWDD facility located at 888 Fountain Avenue in Brooklyn. As per our telephone conversation, attached to this e-mail is the following: 1) Spill Case report 2) NYS Department of Environmental Conservation's (The Department) August 11, 2008 letter to OPWDD (OMRDD at the time). I am requesting that you review attached documents as well as information / documents which may be available in OPWDD's files regarding this spill case. The Department needs to obtain information / documents / confirmation on whether this spill case and potential contamination associated with the spill have been addressed. Such information would be helpful to the Department to make a determination whether closure of this spill case is appropriate or site environmental investigation and/or remediation is warranted. I look forward to hearing from you at your earliest

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0105497 (Continued)

S105140455

convenience. Respectfully, Vadim Brevdo"May 29, 2013 - V. BrevdoCalled Tom McNamara of OPWDD. He stated this spill occurred before his time at organization, but as long as he knows all tanks that ever failed were properly replaced and there is no odor in the buildings. Brevdo.June 13, 2013 - V. BrevdoEvaluated history of this spill again. This is tank test failure spill case. No evidence exists that actual petroleum substances have been spilled into the soil and or groundwater. Through a conversaton with Tom McNamara of OPWDD Business Office, there is no threat to human health and no petroleum odor in the building. No threat to the environment has been established. Given that this is 20 years old TTF spill case and lack of proof of any actual spill or contamiation, pursuing this case is impractical. Spill case is closed effective June 13, 2013. Brevdo E I R 2/2/94 AM.

Remarks:

Material:

Site ID: 246946
Operable Unit ID: 994783
Operable Unit: 01
Material ID: 388288
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

SPILLS:

Facility ID: 0105497
DER Facility ID: 202753
Facility Type: ER
Site ID: 240345
DEC Region: 2
Spill Date: 8/21/2001
Spill Number/Closed Date: 0105497 / 8/22/2001
Spill Cause: Vandalism
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: AERODRIG
Referred To: Not reported
Reported to Dept: 8/21/2001
CID: 281
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0105497 (Continued)

S105140455

UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 8/21/2001
Spill Record Last Update: 9/4/2001
Spiller Name: SAME
Spiller Company: CON EDISON
Spiller Address: 4 IRVING PLACE
Spiller City,St,Zip: NEW YORK, NY 10003
Spiller Company: 001
Contact Name: BILL MURPHY
Contact Phone: (212) 580-6763
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"DEC inspector notes:8/21/01 3:15 pm. Met with Ron James from Con Edison at the site. Con Edison was digging approx. 8'x4' by 1' deep oil stained soil. The area is adjacent to Spring Creek CSO (NYCDEP). This area was being cleaned by Sanitation. They removed a non-Con Edison electric pole but they left the transformer behind. Transformer leaked approximately 11 gallons of oil. Samples for PCB were taken. Requested final E2MIS report with samples result. The transformer was put in a 55 gallon drum. ARSCON ED E2MIS REPORT 8-21-01 Transformer on pole opposite 888 Fountain Ave. was found vandalized and piled 11 1/2 gals. of transformer oil onto sandy dirt. Tag information is #270354 Line Material Co. 111/2gal. capacity, single phase, type LA transformer and left transformer on site. Transformer was vandalized and oil was spilled onto property which has been identified a DEP property. No fire involved. No sewers or waterways affected. Sample to be taken by Chem Lab.1230hrs.Flush crew has been dispatched to location to identify and confirm transformer is Con Ed property.1330hrs.Reports on location states that transformer was on a pole that was on the e/s Fountain Ave. 1300' S/O Flatlands Ave. EPA # being ordered to start cleanup as 50-499. Will make further updates once OH determines owner of transformer. Sample of oil and water mix taken from transformer.8-22-01 UpdateOverhead Sup. indicates that ownership of the transformer is inconclusive based on his observation. The pole was not Con Ed.8-21-01 1901hrs.T. Fernandez reports removed 6 barrels of oil soaked dirt and one transformer, unknown owner, brought barrels back under 1 trip rule to 3rd Ave. Yard. Put hold on barrel with transformer, pending results. Area cleaned as of this time and removed tag.LSN 01-08413-001 <1.00ppm
Remarks: VANDALISM TO DECOMMISSIONED TRANSFORMER AT ABOVE LOCATION. PROPERTY EFFECTED IS OWNED BY NYC DEP. SAMPLE TO BE TAKEN AND CLEANUP IS TO BE DETERMINED. CON ED NOT AVAILABLE.
Material:
Site ID: 240345
Operable Unit ID: 842406
Operable Unit: 01
Material ID: 533960
Material Code: 0541A
Material Name: DIELECTRIC FLUID
Case No.: Not reported
Material FA: Petroleum
Quantity: 12
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0105497 (Continued)

S105140455

Tank Test:

Facility ID: 9813420
DER Facility ID: 202904
Facility Type: ER
Site ID: 247112
DEC Region: 2
Spill Date: 2/2/1999
Spill Number/Closed Date: 9813420 / 9/27/2005
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 4101
Investigator: SCREICHI
Referred To: Not reported
Reported to Dept: 2/2/1999
CID: 233
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2/2/1999
Spill Record Last Update: 9/27/2005
Spiller Name: FELIX RAMOS
Spiller Company: BROOKLYN DEVLOPMENTAL CEN
Spiller Address: 888 FOUNTAIN AVE
Spiller City,St,Zip: BROOKLYN, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: 9/27/05 closed. S reichingerPrior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"4/12/04-Vought-Spill transferred from Tibbe to Rommel as per Rommel.

Remarks: TANKS REMOVED FROM ABOVE LOCATION ON SEPT 16TH SOIL SAMPLES WERE SENT OUT AT THAT TIME SAMPLE RESULTS WERE RETURNED TODAY AND SHOW SLIGHTLY ELEVATED LEVELS BASE NETURELS PID READINGS AT THE TIME OF TANK REMOVAL SHOWED NO CONTAMINATION

Material:

Site ID: 247112
Operable Unit ID: 1070791
Operable Unit: 01
Material ID: 563568
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SPILL NUMBER 0105497 (Continued)

S105140455

Oxygenate: False

Tank Test:

**A4
 Target
 Property**

**BROOKLYN DEV DISABILITIES SERVICE OFFICE
 888 FOUNTAIN AVENUE
 BROOKLYN, NY**

**FINDS 1016049082
 N/A**

Site 4 of 4 in cluster A

**Actual:
 9 ft.**

FINDS:

Registry ID: 110019512106

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

**B5
 WNW
 < 1/8
 0.104 mi.
 550 ft.**

**BEHIND A SHOPPING MALL
 ERSKIEN & VANDELIA AVE
 BROOKLYN, NY**

**NY Spills S109059957
 N/A**

Site 1 of 2 in cluster B

**Relative:
 Higher**

SPILLS:

Facility ID: 0712457
 DER Facility ID: 343647
 Facility Type: ER
 Site ID: 394076
 DEC Region: 2
 Spill Date: 2/26/2008
 Spill Number/Closed Date: 0712457 / 3/6/2008
 Spill Cause: Housekeeping
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:
 10 ft.**

SWIS: 2401
 Investigator: rvketani
 Referred To: Not reported
 Reported to Dept: 2/26/2008
 CID: 444
 Water Affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEHIND A SHOPPING MALL (Continued)

S109059957

Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2/26/2008
Spill Record Last Update: 3/6/2008
Spiller Name: ATTORNEY ROSI
Spiller Company: BEHIND A SHOPPING MALL
Spiller Address: ERSKIEN & VANDELIA AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: ATTORNEY ROSI
Contact Phone: (646) 885-4802
DEC Memo: 3/6/08 - Raphael Ketani. I made an unannounced site visit. The site is just behind the shopping center along Erskine Street, specifically behind HomeDepot and Target. It's a large (maybe 40 acre) car and truck storage yard. Two people were visible guarding the gate. I did not see any truck or car maintenance or dismantling taking place. There were some spots of oil on the ground, but they were nothing to note. The site was quiet. I took two pictures of the entrance. Allegedly, the police and sanitation are watching the place. As there seemed to be no activity taking place and no significant stains, I am closing the spill case.

Remarks: NEW YORK CITY POLICE AND NYC SANITATION ARE INVESTIGATING THIS SITE ,BUT WANTED DEC TO KNOW ABOUT THE DUMPING AND DISMANTLING OF CARS ETC. ON SITE: THEY ARE GOING TO KEEP INVESTIGATE, ALSO

Material:

Site ID: 394076
Operable Unit ID: 1151021
Operable Unit: 01
Material ID: 2141681
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Site ID: 394076
Operable Unit ID: 1151021
Operable Unit: 01
Material ID: 2141683
Material Code: 0019A
Material Name: TIRES (RUBBER)
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEHIND A SHOPPING MALL (Continued)

S109059957

Site ID: 394076
Operable Unit ID: 1151021
Operable Unit: 01
Material ID: 2141682
Material Code: 0043A
Material Name: ANTIFREEZE
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

B6
WNW
< 1/8
0.104 mi.
550 ft.

BEHIND HOME DEPOT
ERSKINE ST./ VANADIA AVE.
BROOKLYN, NY

NY Spills S106469616
N/A

Site 2 of 2 in cluster B

Relative:
Higher

SPILLS:

Actual:
10 ft.

Facility ID: 0402339
DER Facility ID: 254694
Facility Type: ER
Site ID: 315935
DEC Region: 2
Spill Date: 6/2/2004
Spill Number/Closed Date: 0402339 / 6/2/2004
Spill Cause: Abandoned Drums
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 6/2/2004
CID: 406
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 6/2/2004
Spill Record Last Update: 6/2/2004
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: DIXON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEHIND HOME DEPOT (Continued)

S106469616

Contact Phone: (917) 769-0483
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND" Sangesland spoke to Stanley Baldwin at DEP Haz Mat. He has someone headed out to the site now. If the drums have waste oil which needs a DEC response, DEP will contact the DEC again with a new spill number.
Remarks: 2 55gal drums of unknown material . Caller states drums are about 3/4 full. Need DEC to respond.

Material:
Site ID: 315935
Operable Unit ID: 884023
Operable Unit: 01
Material ID: 489963
Material Code: 0064A
Material Name: UNKNOWN MATERIAL
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

C7
North
1/8-1/4
0.180 mi.
948 ft.

NATIONAL SATELLITE SERVICES INC
830 FOUNTAIN AVE
BROOKLYN, NY 11208
Site 1 of 3 in cluster C

RCRA NonGen / NLR **1000259737**
FINDS **NYD157383589**

Relative:
Lower

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NATIONAL SATELLITE SERVICES INC
Facility address: 830 FOUNTAIN AVE
BROOKLYN, NY 112085908
EPA ID: NYD157383589
Mailing address: FOUNTAIN AVE
BROOKLYN, NY 11208
Contact: Not reported
Contact address: FOUNTAIN AVE
BROOKLYN, NY 11208
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
5 ft.

Owner/Operator Summary:
Owner/operator name: NATIONAL SATELLITE INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NATIONAL SATELLITE SERVICES INC (Continued)

1000259737

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NATIONAL SATELLITE INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NATIONAL SATELLITE SERVICES INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: NATIONAL SATELLITE SERVICES INC
Classification: Not a generator, verified

Date form received by agency: 08/28/1989
Facility name: NATIONAL SATELLITE SERVICES INC
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004384933

Environmental Interest/Information System

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NATIONAL SATELLITE SERVICES INC (Continued)

1000259737

corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

C8
North
1/8-1/4
0.180 mi.
948 ft.

CONSOLIDATED EDISON
V6885-830 FOUNTAIN AVE
BROOKLYN, NY 11208

NY MANIFEST 1009239565
N/A

Site 2 of 3 in cluster C

Relative:
Lower

NY MANIFEST:
 EPA ID: NYP004062923
 Country: USA
 Mailing Name: CONSOLIDATED EDISON
 Mailing Contact: FRANKLIN MURRAY
 Mailing Address: 4 IRVING PLACE RM 828
 Mailing Address 2: Not reported
 Mailing City: NEW YORK
 Mailing State: NY
 Mailing Zip: 10003
 Mailing Zip4: Not reported
 Mailing Country: USA
 Mailing Phone: 212-460-2808

Actual:
5 ft.

Document ID: NYE0671076
 Manifest Status: Not reported
 Trans1 State ID: NYD006982359
 Trans2 State ID: Not reported
 Generator Ship Date: 09/21/2000
 Trans1 Recv Date: 09/21/2000
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 09/22/2000
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004062923
 Trans1 EPA ID: NYD980593636
 Trans2 EPA ID: Not reported
 TSDF ID: SM1708
 Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
 Quantity: 00465
 Units: G - Gallons (liquids only)* (8.3 pounds)
 Number of Containers: 001
 Container Type: TT - Cargo tank, tank trucks

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

1009239565

Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2000

Document ID: NYE0686997
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 09/21/2000
Trans1 Recv Date: 09/21/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/25/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004062923
Trans1 EPA ID: NYD980593636
Trans2 EPA ID: Not reported
TSD ID: 28192AU
Waste Code: B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity: 00725
Units: K - Kilograms (2.2 pounds)
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2000

C9
North
1/8-1/4
0.180 mi.
948 ft.

V6885
830 FOUNTAIN AVE
BROOKLYN, NY
Site 3 of 3 in cluster C

NY MANIFEST **S104789718**
NY Spills **N/A**

Relative:
Lower

NY MANIFEST:
EPA ID: NYD157383589
Country: USA
Mailing Name: NATIONAL SATELLITE
Mailing Contact: NATIONAL SATELLITE
Mailing Address: 830 FOUNTAIN AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 12208
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-827-3000

Actual:
5 ft.

NY MANIFEST:
No Manifest Records Available

SPILLS:
Facility ID: 0007231
DER Facility ID: 211698
Facility Type: ER
Site ID: 258721
DEC Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

V6885 (Continued)

S104789718

Spill Date: 9/20/2000
Spill Number/Closed Date: 0007231 / 11/27/2001
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401
Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 9/20/2000
CID: 312
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 9/20/2000
Spill Record Last Update: 5/1/2003
Spiller Name: Not reported
Spiller Company: CON EDISON
Spiller Address: 4 IRVING PLACE
Spiller City,St,Zip: NEW YORK, NY 10003
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"Con Ed e2mis #133490 Notes:9-20-00 Transformer is leaking from the bottom and 1gal oil has escaped onto concrete pad and dirt on floor of vault. Historical records indicate 26ppm PCB. Structure is on customer property-Pan Am satellite. Unit is visibly leaking from bottom of transformer. Has hardcopy of PCB results dated 1990 which indicate <10ppm. Unit to be condemned.Placed diapers and balognies around bottom of transformer to prevent oil from spilling any further on the surrounding area. #9 to set up portable trailers and transformer scheduled to be replaced tomorrow AM.9-21-00 PCB sample taken. Drained unit of 465gal. Unit plate indicates this is the capacity of the transformer. Removed transformer. Oil soaked soil was dug up 12" deep. 4 barrels solid waste generated. Lab result 5ppm PCB.DEC Notes:9/20/00 Con Ed monitor, Okwuoha, responded to a dielectric fluid spill. 1gal transformer oil spilled from a 4kV surface pad mounted transformer servicing Pan Am satellite company. As at the time of the response, neither sampling nor cleanup had taken place because the transformer was still on line.

Remarks: CASE #133490 - CONTAINED ON LAND - SURFACE PAD MOUNTED TRANSFORMER - ON CUSTOMER PROPERTY - HISTORICAL PCB: 26PPM IN 1990 - SAMPLE TO BE TAKEN

Material:
Site ID: 258721
Operable Unit ID: 829951
Operable Unit: 01
Material ID: 548325
Material Code: 0020A
Material Name: TRANSFORMER OIL
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

V6885 (Continued)

S104789718

Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

D10
North
1/8-1/4
0.225 mi.
1189 ft.

SPRING CREEK DEPOT
12720 FLATLANDS AVE
BROOKLYN, NY

Site 1 of 2 in cluster D

NY SWF/LF **S102639907**
NY LTANKS **N/A**
NY CBS AST
NY Spills
NY RGA LF

Relative:
Higher

SWF/LF:
Flag: ACTIVE
Region Code: 2
Phone Number: 9172375656
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Robert Lange
Contact Address: NYC Department of Sanitation
Contact Addr2: 44 Beaver Street
Contact City,St,Zip: New York, NY 10013
Contact Email: rlange@dsny.nyc.gov
Contact Phone: 9172375656
Activity Desc: Composting - yard waste
Activity Number: [24YF2]
Active: Yes
East Coordinate: 595832
North Coordinate: 4501725
Accuracy Code: 1 - No accuracy stated
Regulatory Status: Permit
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

Actual:
9 ft.

LTANKS:

Site ID: 147787
Spill Number/Closed Date: 0301420 / 7/10/2003
Spill Date: 5/8/2003
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. No DEC Response. No corrective action required.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: TJDEMEO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRING CREEK DEPOT (Continued)

S102639907

Referred To: Not reported
Reported to Dept: 5/8/2003
CID: 270
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 5/8/2003
Spill Record Last Update: 7/10/2003
Spiller Name: CALLER
Spiller Company: NYC DEP
Spiller Address: 9605 HORACE HARDING EXWAY
Spiller City,St,Zip: ELMHURST, NY 11368-
Spiller County: 001
Spiller Contact: BRIAN FARLEY
Spiller Phone: (516) 315-2895
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 318912
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMO"5/8/03 - AUSTIN, DDO - SPOKE WITH MESHKATI - CONTAMINATED SOIL FOUND DURING TANK REMOVAL WITH RENOVATION OF SPRING CREEK STORM WATER RETENTION FACILITY -SEND HIM THE CONTAM. SOIL LETTER 5/15/03 TJDellen Metzger (Bidwell Environmental {845 987 1755}) called today regarding soil contamination letter sent regarding this site. Ellen states tank was removed and grave was overexcavated to remove all accessible contaminated soils. Endpoint samples of both soil/groundwater were collected. Tank closure report with recommendations will be forwarded to my attention when completed.7/7/03 TJDRay Meshkati (NYCDEP) called today looking for fax# to fax closure report. Due to number of pages Demeo directed DEP to forward report via regular mail.7/10/03 TJDCosure report reviewed. 3000 gal UST excavated from NYCDEP facility. 240 cu yds of contaminated soils removed and properly disposed. Excavation of contaminated soils not completed due to the presence of live electrical duct bank in area of excavation. Six SVOC constituents identified in endpoint sampling analysis have concentrations exceeding TAGM. NYCDEP has further stated that upcoming construction for installation of future utilities will result in removal of an estimated 40 cu yds of additional soils. All future work in area must be protective of human health with appropriate precautions taken to inform and protect workers. A Health and Safety plan must be prepared and implemented prior to any further excavation in the area of former UST.Spill closed as per RSE approval.
Not reported
Remarks: CONTAMINATED SOIL DISCOVERED DURING TANK REMOVAL

Material:
Site ID: 147787
Operable Unit ID: 869437
Operable Unit: 01
Material ID: 568513
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRING CREEK DEPOT (Continued)

S102639907

Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

CBS AST:

CBS Number: 2-000242
ICS Number: Not reported
PBS Number: Not reported
MOSF Number: Not reported
SPDES Number: 0-026140
Facility Status: ACTIVE FACILITY
Facility Type: UTILITY
Telephone: (718) 235-8080
Facility Town: NEW YORK CITY
Region: STATE
Expiration Date: 11/12/2003
Total Capacity of All Active Tanks(gal): 24000
Operator: TOM VIOLA
Emergency Contact: WATCH ENGINEER
Emergency Phone: (718) 235-8080
Owner Name: NYC DEP BUREAU OF WASTEWATER TREATMENT
Owner Address: 96-05 HORACE HARDING EXPRESSWAY
Owner City,St,Zip: CORONA, NY 11368
Owner Telephone: (718) 595-5050
Owner Type: Local Government
Owner Sub Type: Not reported
Mail Name: NYC DEP BUREAU OF WASTEWATER TREATMENT
Mail Contact Addr: 96-05 HORACE HARDING EXPRESSWAY
Mail Contact Addr2: Not reported
Mail Contact Contact: THOMAS PUKENIS-DEPUTY DIRECTOR
Mail Contact City,St,Zip: CORONA, NY 11368
Mail Phone: (718) 595-5134

Tank Id: TANK #2
CAS Number: 7681529
Federal ID: Not reported
Tank Status: In Service
Install Date: 00/71
Tank Closed: Not reported
Capacity (Gal): 12000
Chemical: Sodium hypochlorite
Tank Location: ABOVEGROUND
Tank Type: Other
Total Tanks: 2
Tank Secret: False
Tank Containment: None,None
Tank Error Status: No Missing Data
Date Entered: 11/04/1991
Certified Date: 11/23/2001
Substance: Single Hazardous Substance on DEC List
Internal Protection: Fiberglass Liner (FRP)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRING CREEK DEPOT (Continued)

S102639907

External Protection: None, None
Pipe Location: Aboveground
Pipe Type: PLASTIC
Pipe Internal: None
Pipe External: 00
Pipe Containment: None, None
Pipe Flag: None, None
Leak Detection: None, None
Overfill Protection: 00
Haz Percent: 15
Last Test: Not reported
Due Date: Not reported
SWIS Code: 6101
Lat/Long: Not reported
Is Updated: False
Renew Date: 08/02/93
Is It There: False
Delinquent: False
Date Expired: 11/12/93
Owner Mark: 1
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 07/30/2001

Tank Id: TANK #1
CAS Number: 7681529
Federal ID: Not reported
Tank Status: In Service
Install Date: 00/71
Tank Closed: Not reported
Capacity (Gal): 12000
Chemical: Sodium hypochlorite
Tank Location: ABOVEGROUND
Tank Type: Other
Total Tanks: 2
Tank Secret: False
Tank Containment: None, None
Tank Error Status: No Missing Data
Date Entered: 11/04/1991
Certified Date: 11/23/2001
Substance: Single Hazardous Substance on DEC List
Internal Protection: Fiberglass Liner (FRP)
External Protection: None, None
Pipe Location: Aboveground
Pipe Type: PLASTIC
Pipe Internal: None
Pipe External: 00
Pipe Containment: None, None
Pipe Flag: None, None
Leak Detection: None, None
Overfill Protection: 00
Haz Percent: 15
Last Test: Not reported
Due Date: Not reported
SWIS Code: 6101

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRING CREEK DEPOT (Continued)

S102639907

Lat/Long: Not reported
Is Updated: False
Renew Date: 08/02/93
Is It There: False
Delinquent: False
Date Expired: 11/12/93
Owner Mark: 1
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 07/30/2001

SPILLS:

Facility ID: 0605786
DER Facility ID: 318912
Facility Type: ER
Site ID: 369028
DEC Region: 2
Spill Date: 8/18/2006
Spill Number/Closed Date: 0605786 / 8/18/2006
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 2401
Investigator: JBVOUGHT
Referred To: Not reported
Reported to Dept: 8/18/2006
CID: 409
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 8/18/2006
Spill Record Last Update: 8/18/2006
Spiller Name: BRIAN SARRELLY
Spiller Company: PICONE/MCCULLAGH
Spiller Address: 12720 FLATLANDS AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: BRIAN SARRELLY
Contact Phone: (718) 235-1480
DEC Memo: 08/18/06-Vought-Called Brian Sarrelly and contractor was filling truck with rubble and hydraulic oil line leaked onto soil. Approximately three cubic yards were removed and will disposed of as non-hazardous and soil on bottom of excavation is clean as per field screening. No endpoint samples required due to quick nature of recovery and DEP personnel inspection. spill closed by Vought.
Remarks: SOIL HAS BEEN DUG UP.

Material:

Site ID: 369028
Operable Unit ID: 1126876
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRING CREEK DEPOT (Continued)

S102639907

Material ID: 2116444
Material Code: 0010
Material Name: Hydraulic Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10
Units: Gallons
Recovered: 10
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 0605646
DER Facility ID: 262352
Facility Type: ER
Site ID: 368849
DEC Region: 2
Spill Date: 8/15/2006
Spill Number/Closed Date: 0605646 / 8/23/2006
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 8/15/2006
CID: 444
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 8/15/2006
Spill Record Last Update: 8/23/2006
Spiller Name: BRIAN FARRELLY
Spiller Company: Not reported
Spiller Address: 12720A FLATLANDS AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: BRIAN FARRELLY
Contact Phone: (718) 235-1480
DEC Memo: Machine leaked Hydraulic oil - all cleaned up
Remarks: WELDING MACHINE LEAKED: ALL CLEANED UP

Material:
Site ID: 368849
Operable Unit ID: 1126707
Operable Unit: 01
Material ID: 2116259
Material Code: 0010
Material Name: Hydraulic Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRING CREEK DEPOT (Continued)

S102639907

Case No.: Not reported
Material FA: Petroleum
Quantity: 6
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 0402601
DER Facility ID: 262352
Facility Type: ER
Site ID: 325696
DEC Region: 2
Spill Date: 6/9/2004
Spill Number/Closed Date: 0402601 / 8/17/2004
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

SWIS: 2401
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 6/9/2004
CID: 403
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 6/9/2004
Spill Record Last Update: 8/17/2004
Spiller Name: DAVID SILVERBERG
Spiller Company: Not reported
Spiller Address: 12720A FLATLANDS AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: DAVID SILVERBERG
Contact Phone: (516) 237-1600
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
Remarks: hose broke on backhoe causing about 15 gallons to spill.spill is being cleaned up.

Material:

Site ID: 325696
Operable Unit ID: 884275
Operable Unit: 01
Material ID: 490219
Material Code: 0010
Material Name: Hydraulic Oil
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRING CREEK DEPOT (Continued)

S102639907

Material FA: Petroleum
Quantity: 15
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 0509349
DER Facility ID: 262352
Facility Type: ER
Site ID: 355116
DEC Region: 2
Spill Date: 11/4/2005
Spill Number/Closed Date: 0509349 / 11/4/2005
Spill Cause: Human Error
Spill Class: Not reported
SWIS: 2401
Investigator: rvketani
Referred To: Not reported
Reported to Dept: 11/4/2005
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 11/4/2005
Spill Record Last Update: 11/4/2005
Spiller Name: BRIAN FARRELLY
Spiller Company: DEP FACILITY
Spiller Address: 12720A FLATLANDS AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: BRIAN FARRELLY
Contact Phone: (718) 235-1480
DEC Memo: 11/4/05 - Raphael Ketani. I spoke to Brian Farrelly of the DEP. He said that the chemical that spilled out was Alkaline Boil-Out (trade name). It's a pipe cleaning agent and consists of trisodium phosphate, caustic soda, sodium silicate, and polyoxypropylene. The contractor had injected the chemical into a pipe he was trying to clean as a mixed solution with 2,100 gal. of potable water. Then he discharged it into a CSO retention basin by mistake. The basin had 295,000 gals. of combined sewer overflow already. The chemical concentration is now 5 ppm. DEP is discussing amongst themselves what to do with the liquids in the CSO basin. Nothing went to the soil. Given the diluted nature of the spill, I am closing the case.
Remarks: CHEMICAL CALLED 'BOILED OUT' ABOUT 20 GALLONS: AFTER CLEANING THE CONTRACTOR RELEASED THE MATERIAL INTO THE DEP BASINS: IS CONTAINED AND TESTING IS BEING DONE:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRING CREEK DEPOT (Continued)

S102639907

Material:

Tank Test:

RGA LF:

2012 SPRING CREEK YARD WASTE COMPOSTING FACILITY 12720-B
FLATLANDS AVENUE

D11
North
1/8-1/4
0.225 mi.
1189 ft.

NYCDEP BWT SPRING CREEK WCPC
12720 FLATLANDS AVE
BROOKLYN, NY 11208

Site 2 of 2 in cluster D

RCRA-CESQG
FINDS
WI MANIFEST
NY MANIFEST
NJ MANIFEST

1001961586
NYR000083865

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 08/21/2008

Facility name: NYCDEP BWT SPRING CREEK WCPC

Facility address: 12720 FLATLANDS AVE
BROOKLYN, NY 11208

EPA ID: NYR000083865

Mailing address: HORACE HARDING EXPWY
2ND FLOOR LOW RISE
CORONA, NY 11368

Contact: JOSEPH GARIBALDI

Contact address: HORACE HARDING EXPWY 2ND FLOOR LOW RISE
CORONA, NY 11368

Contact country: US

Contact telephone: (718) 235-5453

Contact email: JGARIBALDI@NYC.DEP.GOV

EPA Region: 02

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: CITY OF NEW YORK DEPT OF ENVIRON PROTECT

Owner/operator address: 96-05 HORACE HARDING EXPWY
CORONA, NY 11368

Owner/operator country: US

Owner/operator telephone: (212) 860-9304

Legal status: Municipal

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

Owner/operator name: CITY OF NEW YORK DEPT OF ENVIRON PROTECT
Owner/operator address: 96-05 HORACE HARDING EXPWY
CORONA, NY 11368
Owner/operator country: US
Owner/operator telephone: (212) 860-9304
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYCDEP
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: NYCDEP
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2007
Facility name: NYCDEP BWT SPRING CREEK WCPC
Site name: NYCDEP - SPRING CRK WTR POLLUTION CF
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/01/2006
Facility name: NYCDEP BWT SPRING CREEK WCPC
Site name: NYCDEP - SPRING CRK WTR POLLUTION CF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/19/2000

Facility name: NYCDEP BWT SPRING CREEK WCPC

Site name: NYCDEP - SPRING CRK WTR POLLUTION CF

Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008111685

Environmental Interest/Information System

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

WI MANIFEST:

Year: 05
EPA ID: NYR000083865
FID: 0
ACT Code: 201
ACT Status: A
ACT Code 1: 201
ACT Name: HW Generator - Large
Contact First Name: Not reported
Contact Last Name: Not reported
Contact Title: Not reported
Contact Address: Not reported
Contact State: Not reported
Contact City: Not reported
Contact Zip: 0
Contact Telephone: 0
Contact Extention: Not reported
Contact Email Address: Not reported
Shipped: -
Year: Not reported
Manifest DOC ID: Not reported
Copy Type: Not reported
Gen EPA ID: Not reported
Gen Date: Not reported
TSD Date: Not reported
TSD EPA ID: Not reported
GEN Copy Revd Date: Not reported
TSG Copy Revd Date: Not reported

Transport: -
Year: Not reported
Manifest Doc ID: Not reported
Transporter EPA ID: Not reported
Transport Order Num: Not reported
Transport Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

Waste:

Year: Not reported
Manifest DOC ID: Not reported
Waste Page No: Not reported
Waste Line No: Not reported
Waste Code: Not reported
Waste Amount: Not reported
Unit of Measure: Not reported
Waste LBS: Not reported

Year: 04
EPA ID: NYR000083865
FID: 0
ACT Code: 201
ACT Status: A
ACT Code 1: 201
ACT Name: HW Generator - Large
Contact First Name: Not reported
Contact Last Name: Not reported
Contact Title: Not reported
Contact Address: Not reported
Contact State: Not reported
Contact City: Not reported
Contact Zip: Not reported
Contact Telephone: Not reported
Contact Extention: Not reported
Contact Email Address: Not reported
Shipped: -
Year: Not reported
Manifest DOC ID: Not reported
Copy Type: Not reported
Gen EPA ID: Not reported
Gen Date: Not reported
TSD Date: Not reported
TSD EPA ID: Not reported
GEN Copy Revd Date: Not reported
TSG Copy Revd Date: Not reported

Transport: -
Year: Not reported
Manifest Doc ID: Not reported
Transporter EPA ID: Not reported
Transport Order Num: Not reported
Transport Date: Not reported

Waste:

Year: Not reported
Manifest DOC ID: Not reported
Waste Page No: Not reported
Waste Line No: Not reported
Waste Code: Not reported
Waste Amount: Not reported
Unit of Measure: Not reported
Waste LBS: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

NY MANIFEST:

EPA ID: NYR000083865
Country: USA
Mailing Name: NYC DEP SPRING CREEK WATER POLLUTION
Mailing Contact: VLADIMIR RADOLESKO
Mailing Address: 127-20 FLATLAND & AUTUMN AVES
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11201
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-235-0080

Document ID: WIK0371780
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: NJD986607380
Generator Ship Date: 06/03/2005
Trans1 Recv Date: 06/03/2005
Trans2 Recv Date: 06/21/2005
TSD Site Recv Date: 06/29/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000083865
Trans1 EPA ID: 1638009ME
Trans2 EPA ID: 16148
TSD ID: WIR000000356
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00030
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: Not reported

Document ID: WIK0371780
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: NJD986607380
Generator Ship Date: 06/03/2005
Trans1 Recv Date: 06/03/2005
Trans2 Recv Date: 06/21/2005
TSD Site Recv Date: 06/29/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000083865
Trans1 EPA ID: 1638009ME
Trans2 EPA ID: 16148
TSD ID: WIR000000356
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00030
Units: P - Pounds
Number of Containers: 002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: Not reported

Document ID: NJA5316514
Manifest Status: Not reported
Trans1 State ID: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 07/25/2006
Trans1 Recv Date: 07/25/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/25/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000083865
Trans1 EPA ID: 50181
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2006

Document ID: NJA5316515
Manifest Status: Not reported
Trans1 State ID: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 07/25/2006
Trans1 Recv Date: 07/25/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/25/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000083865
Trans1 EPA ID: 50181
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2006

Document ID: NJA5316516
Manifest Status: Not reported
Trans1 State ID: NJR000029967

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

Trans2 State ID: Not reported
Generator Ship Date: 07/25/2006
Trans1 Recv Date: 07/25/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/25/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000083865
Trans1 EPA ID: 50181
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2006

Document ID: NJA5316456
Manifest Status: Not reported
Trans1 State ID: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 07/25/2006
Trans1 Recv Date: 07/25/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/25/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000083865
Trans1 EPA ID: 50181
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00020
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2006

Document ID: NJA5083061
Manifest Status: Not reported
Trans1 State ID: NYD046765574
Trans2 State ID: Not reported
Generator Ship Date: 10/16/2003
Trans1 Recv Date: 10/16/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/16/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000083865
Trans1 EPA ID: NJD991291105

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

Trans2 EPA ID: Not reported
TSDF ID: 08424
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00100
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2003

Document ID: MIA9658624
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 06/03/2005
Trans1 Recv Date: 06/03/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/17/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000083865
Trans1 EPA ID: 1638069ME
Trans2 EPA ID: Not reported
TSDF ID: MID980991566
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00005
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: Not reported

Document ID: NJA5006959
Manifest Status: Not reported
Trans1 State ID: 08424
Trans2 State ID: Not reported
Generator Ship Date: 03/22/2004
Trans1 Recv Date: 03/22/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/22/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000083865
Trans1 EPA ID: NYD046765574
Trans2 EPA ID: Not reported
TSDF ID: NJD991291
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00100
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

Year: 2004

Document ID: 06
Manifest Status: NJA5316456
Trans1 State ID: NYR000083865
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJR000029967
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: N
TSD ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 20
Handling Method: Y
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 06
Manifest Status: NJA5316514
Trans1 State ID: NYR000083865
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJR000029967
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: N
TSD ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 20
Handling Method: Y
Specific Gravity: 1
Waste Code: T
Quantity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 06
Manifest Status: NJA5316515
Trans1 State ID: NYR000083865
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJR000029967
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: N
TSD ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT
Container Type: 20
Handling Method: Y
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: 06
Manifest Status: NJA5316516
Trans1 State ID: NYR000083865
Trans2 State ID: Not reported
Generator Ship Date: NJD991291105
Trans1 Recv Date: Not reported
Trans2 Recv Date: NJR000029967
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: N
Trans1 EPA ID: N
Trans2 EPA ID: N
TSD ID: N
Waste Code: N
Quantity: Not reported
Units: 1
Number of Containers: DT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

Container Type: 20
Handling Method: Y
Specific Gravity: 1
Waste Code: T
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: Not reported
Specific Gravity: Not reported
Year: Not reported

Document ID: WIK0371540
Manifest Status: Not reported
Trans1 State ID: 1637983ME
Trans2 State ID: 16148
Generator Ship Date: 06/24/2004
Trans1 Recv Date: 06/24/2004
Trans2 Recv Date: 07/06/2004
TSD Site Recv Date: 07/08/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000083865
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSD ID: WIR000000
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00075
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2004

Document ID: MIA9658624
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 06/03/2005
Trans1 Recv Date: 06/03/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/17/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000083865
Trans1 EPA ID: 1638069ME
Trans2 EPA ID: Not reported
TSD ID: MID980991566
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00005
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

Specific Gravity: 01.00
Year: 2005

NJ MANIFEST:

Manifest Code: NJA5316456
EPA ID: NYR000083865
Date Shipped: 07/25/2006
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/25/2006
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/25/2006
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08240621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

Manifest Code: NJA5316514
EPA ID: NYR000083865
Date Shipped: 07/25/2006
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/25/2006
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/25/2006
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08240621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5316515

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

EPA ID: NYR000083865
Date Shipped: 07/25/2006
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/25/2006
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/25/2006
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08240621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5316516
EPA ID: NYR000083865

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

Date Shipped: 07/25/2006
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/25/2006
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/25/2006
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 08240621
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Manifest Code: NJA5006959
EPA ID: NYR000083865
Date Shipped: 03/22/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP BWT SPRING CREEK WCPC (Continued)

1001961586

TSDF EPA ID: NJD991291105
Transporter EPA ID: NYD046765574
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/22/2004
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 03/22/2004
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 04060421
Reference Manifest Number: Not reported
Was Load Rejected (Y/N): No
Reason Load Was Rejected: Not reported
Waste Code: Not reported
Manifest Year: Not reported
Quantity: Not reported
Unit: Not reported
Hand Code: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

12
 NNW
 1/8-1/4
 0.237 mi.
 1254 ft.

**FOUNTAIN AVE. (BET. FLATLANDS & COZINE AVES.)
 BROOKLYN, NY**

**NY SWF/LF S105841717
 NY RGA LF N/A**

**Relative:
 Higher**

SWF/LF:

Flag: INACTIVE
 Region Code: 2
 Phone Number: 7186494982
 Owner Name: Not reported
 Owner Type: Not reported
 Owner Address: Not reported
 Owner Addr2: Not reported
 Owner City,St,Zip: Not reported
 Owner Email: Not reported
 Owner Phone: Not reported
 Contact Name: ANGELO VASAPOLI; VICE PRESIDEN
 Contact Address: Not reported
 Contact Addr2: Not reported
 Contact City,St,Zip: Not reported
 Contact Email: Not reported
 Contact Phone: Not reported
 Activity Desc: Transfer station - permit
 Activity Number: [24T30]
 Active: No
 East Coordinate: 595700
 North Coordinate: 4501700
 Accuracy Code: Not reported
 Regulatory Status: Not reported
 Waste Type: Not reported
 Authorization #: 2-6105-00096
 Authorization Date: Not reported
 Expiration Date: Not reported

**Actual:
 9 ft.**

RGA LF:

2012 DOLA CONSTRUCTION CO. FOUNTAIN AVE. (BET. FLATLANDS & COZINE AVES.)
 2011 DOLA CONSTRUCTION CO. FOUNTAIN AVE. (BET. FLATLANDS & COZINE AVES.)
 2010 DOLA CONSTRUCTION CO. FOUNTAIN AVE. (BET. FLATLANDS & COZINE AVES.)
 2009 DOLA CONSTRUCTION CO. FOUNTAIN AVE. (BET. FLATLANDS & COZINE AVES.)
 2008 DOLA CONSTRUCTION CO. FOUNTAIN AVE. (BET. FLATLANDS & COZINE AVES.)
 2007 DOLA CONSTRUCTION CO. FOUNTAIN AVE. (BET. FLATLANDS & COZINE AVES.)
 2006 DOLA CONSTRUCTION CO. FOUNTAIN AVE. (BET. FLATLANDS & COZINE AVES.)
 2005 DOLA CONSTRUCTION CO. FOUNTAIN AVE. (BET. FLATLANDS & COZINE AVES.)
 2004 DOLA CONSTRUCTION CO. FOUNTAIN AVE. (BET. FLATLANDS & COZINE AVES.)

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

13
 North
 1/4-1/2
 0.254 mi.
 1341 ft.

VERIZON
800 FOUNTAIN AVENUE
BROOKLYN, NY

NY LTANKS
NY MANIFEST
NY Spills

S104953734
N/A

Relative:
Higher

LTANKS:

Actual:
9 ft.

Site ID: 104808
 Spill Number/Closed Date: 9403246 / 10/17/2003
 Spill Date: 6/6/1994
 Spill Cause: Tank Failure
 Spill Source: Commercial/Industrial
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 2401
 Investigator: WXSUN
 Referred To: Not reported
 Reported to Dept: 6/6/1994
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 6/29/1994
 Spill Record Last Update: 11/4/2003
 Spiller Name: Not reported
 Spiller Company: PETER INGRASSIA, ENV MATT
 Spiller Address: 111 LIVINGSTON ST
 Spiller City,St,Zip: BROOKLYN, NY
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 92524
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN" See also 0013633 at the same location. 10/6/2003 Transferred from Tibbe to Sun. 10/6/2003-Sun-File review by Sun: This site was assigned two (2) separate spill numbers. Spill # 94-03246 was assigned to the site on 6/6/94 for a reported gasoline spill. On March 29, 2001, the second spill # 00-13633 was assigned to the site for the reported discovery of gasoline in Monitoring Well #2. Prior to 1993: Two (2) tank field gasoline USTs closed-in-plac. 06/06/94: Removed 1x550 gallon waste oil UST. 04/21/99: Removed 1x4000 gallon diesel UST and Dispenser Island. -Site Assessment- 9/23/94- by Lexicon Environmental Assc.- The assessment included two (2) phases. The first phase consisted of the installation of six (6) monitoring wells and two (2) soil boreholes. Based on the results of the first phase, a second phase included the installation of two (2) additional site monitoring well and seven (7) additional soil boreholes. Soil analytical results from the first phase of the assessment- From the northern former UST area, SB-1 has a highest total BTEX of 215,612 ppb, and highest total VOC of 127,800 ppb. From the southern former UST area, SB-6 has the highest total BTEX of 1220 ppb. SB-6 has the highest total VOC of 6,120 ppb. MTBE concentrations were all below the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERIZON (Continued)

S104953734

analytical method detection limits from all of the soil samples collected during the initial phase of the assessment. Soil analytical results from the second phase of the assessment- the results indicated elevated concentrations of PAHs and BTEX. The PAH concentrations from the northern former UST area ranged from 4240 ppb (SB-17) to a maximum of 95,900 ppb (SB-10). PAH concentrations from the southern former UST area ranged from 3,670 ppb (SB-16) to a maximum of 67,630 ppb (SB-14). Total BTEX concentrations from the northern and southern former areas ranged from below the analytical method detection limits (SB-12 & SB-17) to a maximum concentration of 288 ppb (SB-16). SB-16 has the highest concentration of 180 ppb.

Ground water analytical results: The first phase of the site investigation in April 1993 indicated total BTEX concentrations ranged from below the analytical method detection limits (MW-2 and MW-3) to 371 ppb in MW-3. Total VOC concentrations ranged from below analytical method detection limits (MW-2 thru MW-5) to 2,695 ppb in MW-6. MTBE concentrations ranged from 24 ppb in MW-5 to 1,300 ppb in MW-2. The ground water sample analytical results from the second phase of the investigation collected in March 1994 indicated total BTEX concentrations ranged from 1.8 ppb (MW-3 & MW-5) to 301 ppb (MW-4). MTBE concentrations ranged from 50 ppb (MW-6) to 50,000 ppb (MW-2). Total PAH concentrations ranged from below analytical method detection limits (MW-1 thru MW-3, MW-5) to 3,490 ppb (MW-6). -Underground storage tank closure report-12/21/95-by Lexicon Environmental Assoc.-This report documented the activities associated with the removal of one (1) 550-gallon used oil UST. The 550-gallon used oil tank was located on the eastern portion of the site outside of the maintenance garage. The tank was removed from the site on June 6, 1994. Lexicon collected four (4) soil samples from the sidewalls of the excavation and one (1) sample from the bottom of the excavation. Lexicon collected one (1) composite sample of the stockpiled impacted soil for disposal characterization. The post-excavation soil sample results indicated low concentrations of PAHs in samples SS-2-14 thru SS-5-14. Detected total PAH concentrations ranged from 148 ppb (SS-2-14) to 704 ppb (SS-4-14). All of the detected PAH concentrations were estimated concentrations of compounds detected below the analytical method detection limits. The only PAH compounds, from the soil samples, which exceeded the NYSDEC TCLP Extraction Alternative Guidance Values were the concentrations of benzo(a)anthracene and chrysene in samples SS-3-14, SS-4-14, and SS-5-14. The soil sample from SS-1-14 indicated no PAH concentration above the laboratory method detection limits. TPH were only detected in SS-2-14 and SS-4-14 at concentration of 18 ppm and 75 ppm, respectively. Approximately thirty-nine (39) tons of impacted soil were removed from the site. -Underground storage tank closure report- 11/05/99-by Lexicon Environmental Assoc.-This report documented the activities associated with the removal of one (1) 4000-gallon, double-wall fiberglass, diesel UST at the subject site. The removal activities of the UST system occurred on April 21, 1999. No post-excavation soil samples were collected from within the UST excavation. The analytical results of the post-excavation soil sample (SS-1) collected below the removed diesel dispenser indicated that VOC and PAH compound levels were detected above their respective NYSDEC TCLP Alternative Guidance Values for fuel oil-contaminated soils. Most of the PAH concentrations were detected below their respective analytical method detection limits at estimated "J" values. Furthermore, many of the concentrations were above the NYSDEC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERIZON (Continued)

S104953734

TCLP Alternative Guidance Values for fuel Oil-contaminated soils due to their high detection limit for a solid matrix for these compounds.10/17/03 This spill is being remediated under Spill # 00-13633. Closed.

Remarks: WILL EXCAVATE CONTAMINATED SOIL, STOCKPILE, TEST, AND DISPOSE

Material:

Site ID: 104808
Operable Unit ID: 997040
Operable Unit: 01
Material ID: 383419
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

NY MANIFEST:

EPA ID: NYD987030525
Country: USA
Mailing Name: NYNEX
Mailing Contact: NYNEX
Mailing Address: 800 FOUNTAIN AVE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11208
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-284-9984

NY MANIFEST:

No Manifest Records Available

SPILLS:

Facility ID: 0013633
DER Facility ID: 370450
Facility Type: ER
Site ID: 226185
DEC Region: 2
Spill Date: 3/29/2001
Spill Number/Closed Date: 0013633 / 11/5/2009
Spill Cause: Deliberate
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: skcarloso
Referred To: SPILL CLOSED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERIZON (Continued)

S104953734

Reported to Dept: 3/29/2001
CID: 211
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Affected Persons
Cleanup Ceased: 7/14/2004
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 3/29/2001
Spill Record Last Update: 11/5/2009
Spiller Name: Not reported
Spiller Company: VERIZON
Spiller Address: Not reported
Spiller City,St,Zip: NN
Spiller Company: 999
Contact Name: JOHN QUATRALE
Contact Phone: (212) 338-7141
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"9/23/03 Transferred from Rommel to Sun. See also 94-03246 at the same location. Spill #94-03246 was closed on 10/17/2003 and will be investigated and remediated under 00-13633.10/6/2003-Sun-File review by Sun: This site was assigned two (2) separate spill numbers. Spill #94-03246 was assigned to the site on 6/6/94 for a reported gasoline spill. On March 29, 2001, the second spill # 00-13633 was assigned to the site for the reported discovery of gasoline in Monitoring Well #2. Prior to 1993: Two (2) tank field gasoline USTs closed-in-place. 06/06/94: Removed 1x550 gallon waste oil UST. 04/21/99: Removed 1x4000 gallon diesel UST and Dispenser Island. -Site Assessment- 9/23/94- by Lexicon Environmental Assoc.- The assessment included two (2) phases. The first phase consisted of the installation of six (6) monitoring wells and two (2) soil boreholes. Based on the results of the first phase, a second phase included the installation of two (2) additional site monitoring wells and seven (7) additional soil boreholes. Soil analytical results from the first phase of the assessment- From the northern former UST area, SB-1 has a highest total BTEX of 215,612 ppb, and highest total VOC of 127,800 ppb. From the southern former UST area, SB-6 has the highest total BTEX of 1220 ppb. SB-6 has the highest total VOC of 6,120 ppb. MTBE concentrations were all below the analytical method detection limits from all of the soil samples collected during the initial phase of the assessment. Soil analytical results from the second phase of the assessment- the results indicated elevated concentrations of PAHs and BTEX. The PAH concentrations from the northern former UST area ranged from 4240 ppb (SB-17) to a maximum of 95,900 ppb (SB-10). PAH concentrations from the southern former UST area ranged from 3,670 ppb (SB-16) to a maximum of 67,630 ppb (SB-14). Total BTEX concentrations from the northern and southern former areas ranged from below the analytical method detection limits (SB-12 & SB-17) to a maximum concentration of 288 ppb (SB-16). SB-16 has the highest concentration of 180 ppb. Ground water analytical results: The first phase of the site investigation in April 1993 indicated total BTEX concentrations ranged from below the analytical method detection limits (MW-2 and MW-3) to 371 ppb in MW-6. Total VOC concentrations ranged from below analytical method detection limits (MW-2 thru MW-5)

Map ID
Direction
Distance
Elevation

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VERIZON (Continued)

S104953734

to 2,695 ppb in WM-6. MTBE concentrations ranged from 24 ppb in MW-5 to 1,300 ppb in MW-2. The ground water sample analytical results from the second phase of the investigation collected in March 1994 indicated total BTEX concentrations ranged from 1.8 ppb (MW-3 & MW-5) to 301 ppb (MW-4). MTBE concentrations ranged from 50 ppb (MW-6) to 50,000 ppb (MW-2). Total PAH concentrations ranged from below analytical method detection limits (MW-1 thru MW-3, MW-5) to 3,490 ppb (MW-6).-Underground storage tank closure report-12/21/95-by Lexicon Environmental Assoc.-This report documented the activities associated with the removal of one (1) 550-gallon used oil UST. The 550-gallon used oil tank was located on the eastern portion of the site outside of the maintenance garage. The tank was removed from the site on June 6, 1994. Lexicon collected four (4) soil samples from the sidewalls of the excavation and one (1) sample from the bottom of the excavation. Lexicon collected one (1) composite sample of the stockpiled impacted soil for disposal characterization. The post-excavation soil sample results indicated low concentrations of PAHs in samples SS-2-14 thru SS-5-14. Detected total PAH concentrations ranged from 148 ppb (SS-2-14) to 704 ppb (SS-4-14). All of the detected PAH concentrations were estimated concentrations of compounds detected below the analytical method detection limits. The only PAH compounds, from the soil samples, which exceeded the NYSDECTCLP Extraction Alternative Guidance Values were the concentrations of benzo(a)anthracene and chrysene in samples SS-3-14, SS-4-14, and SS-5-14. The soil sample from SS-1-14 indicated no PAH concentration above the laboratory method detection limits. TPH were only detected in SS-2-14 and SS-4-14 at concentration of 18 ppm and 75 ppm, respectively. Approximately thirty-nine (39) tons of impacted soil were removed from the site.-Underground storage tank closure report- 11/05/99-by Lexicon Environmental Assoc.-This report documented the activities associated with the removal of one (1) 4000-gallon, double-wall fiberglass, diesel UST at the subject site. The removal activities of the UST system occurred on April 21, 1999. No post-excavation soil samples were collected from within the UST excavation. The analytical results of the post-excavation soil sample (SS-1) collected below the removed diesel dispenser indicated that VOC and PAH compound levels were detected above their respective NYSDEC TCLP Alternative Guidance Values for fuel oil-contaminated soils. Most of the PAH concentrations were detected below their respective analytical method detection limits at estimated "J" values. Furthermore, many of the concentrations were above the NYSDEC TCLP Alternative Guidance Values for fuel Oil-contaminated soils due to their high detection limit for a solid matrix for these compounds. 10/17/03 This spill is being remediated under Spill # 00-13633. Closed. 11/4/2003-Sun-File Review by Sun:-Limited Subsurface Investigation Report-6/1/2001, by Lexicon: Installed three (3) off-site boreholes/monitoring wells (SB-12/MW-12, SB-13/MW-13 and SB-14/MW-14) to determine the extent of downgradient dissolved phase hydrocarbon impact. The analysis of soil samples collected from three (3) off-site soil boreholes advanced to the south of the site indicated the absence of VOC constituent concentrations in the subsurface soil at these locations.-Semi-Annual Groundwater Monitoring Report, First Quarter 2001, dated 5/9/2001: On 3/28/2001, the NYSDEC assigned this Spill # (00-13633) to the site for the reported discovery of waste oil in Monitoring Well #2. The waste oil was confirmed at a later date to be weathered gasoline. Monitoring Wells located upgradient of the on-site source area (MW-1,

Map ID
Direction
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Elevation

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VERIZON (Continued)

S104953734

MW-2, MW-9) which have consistently exhibited low VOC concentrations over the last 2 to 4 years, displayed significant SPH (MW-2) or excessive BTEX and MTBE concentrations during this period. A minimum of 6.25 gallons of product was removed from the subsurface during this period. -Limited Subsurface Investigation Report, dated 8/1/2001 by Lexicon: In an effort to isolate potential off-site SPH pathways upgradient of MW-2, five (5) soil boreholes (SB-1A, SB-2A, SB-3A, SB-4A, SB-5A) were advanced along the northwestern property boundaries of the Verizon facility on 5/9/2001. The boreholes were advanced to depths of 16 feet. Soil borehole sample analytical results indicated that no VOC constituents were detected above NYSDEC Recommended Soil Cleanup Objectives (RSCOs) in SB-1A, SB-3A, SB-4A, and SB-5A. Nine (9) VOC constituents were detected at elevated concentrations above RSCOs in SB-2A. Total VOC concentrations ranged from 7.5 ppb in SB-4A to 344,000 ppb in SB-2A. Groundwater analytical results ranged from one (1) to ten (10) VOC constituents detected above NYSDEC Guidance Values in SB-5A, SB-4A, SB_3A, and SB-1A. Groundwater collected from SB-2A was not analyzed due to the presence of SPH. BTEX and MTBE concentrations in SB-1A were 62,300 ppb and 1,780,000 ppb, respectively. BTEX and MTBE concentrations in SB-3A were 10,700 ppb and 705,000 ppb, respectively. BTEX and MTBE concentrations in SB-4A were 13.8 ppb and 1,420 ppb, respectively. BTEX and MTBE concentrations in SB-5A were ND and 4,030 ppb, respectively. Total VOC concentrations ranged from 1,420 ppb (in SB-4A) to 1,850,000 ppb (in SB-1A).-Additional Subsurface Investigation, 1/31/2003, by EnviroTrac (Jeff Bohlen, 631-471-1500): The investigation included the following: 1)Tightness testing of on-site gasoline USTs, piping and dispensers; 2)Characterization of product samples; 3)The collection of soil and groundwater samples; 4)Well abandonment; and 5)Review of Sanborn maps. Based on 9/13/2003 testing results, both 2x4000 gallon USTs and product piping tested tight. On 11/4/2002, ET collected samples from the petroleum product from MW-2 and one of the active gasoline USTs located on-site (UST West). The results of the analyses indicated two different unleaded gasolines are represented by the MW-2 and UST product samples. Groundwater samples were collected from on-site wells on 9/13/2002. Groundwater flow direction is toward the southeast. On 10/2/2002, ET collected soil and groundwater samples from 5 boring locations (SB-1B, SB-2B, SB-3B, SB-4B, and SB-5B) using Geoprobe equipment. Groundwater samples were collected from SB-1B through SB-3B. Groundwater samples were not obtainable from SB-4B and SB-5B due to subsurface refusal. On 10/25/2002, three (3) off-site monitoring wells (MW-12, MW-14 and MW-14) were abandoned. -Updated Report following the Additional Subsurface Investigation Report, 10/24/2003, by EnviroTrac Ltd (Jeff Bohlen): The work included the following: 1) Additional Monitoring Wells (MW-15, MW-16, MW-17, MW-18, and MW-19) and soil borings (SB-1 and SB-2) were installed hydraulically up-gradient of the site along the western sidewalk area of Logan Street. Groundwater samples were collected on 6/25/2003. Free-phase product was encountered in MW-2 at a thickness of 0.23 feet. Based on the PID readings and visual/olfactory observations, no elevated readings or petroleum observations were noted at both soil borings locations (SB-1 and SB-2). A total of approximately 4.11 gallons of petroleum product has been removed since 8/18/2003. ET recommended continuing with the IRM until no petroleum product is detected in MW-2 followed by an additional groundwater monitoring event.06/02/04- File Update by Sun: On 06/02/04 Sun sent a letter to

Map ID
Direction
Distance
Elevation

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VERIZON (Continued)

S104953734

John Quatralo of Verizon requiring complete delineation of soil and groundwater contaminations, submittal of an Investigation Report followed by a Remedial Action Plan. The Department set a deadline of June 23, 2004 for signing the Stipulation Agreement. 12/31/04 File Update by Sun: -On 12/7/04, the Department approves the remedial system proposed by EnviroTrac dated 11/4/04; specifically the injection of Oxygen Releasing Material (ORM) for in-situ remediation of residual petroleum-impacted soil and groundwater at the subject property. 1/10/06: Reviewed the quarterly report for April - June 2005. Max BTEX 747 ppb (MW2) and max MTBE 270 ppb (MW2). ORM does not appear to be working. Will wait to review the next monitoring report before taking further action. 1/11/06: Reviewed quarterly report dated 1/10/06 for July - September 2005. Samples collected from some wells on September 14, 2005. Max BTEX 672.9 ppb (MW-2), max MTBE 137ppb (MW-2). "Removal and decommissioning of the two (2) active 4,000-gallon USTs is scheduled for the fourth quarter 2005". 2/8/06: Received the quarterly update report and the excavation report. Tanks, soil and gw removed. ORM left in excavation. Endpoint samples were clean. Three new MW installed in the excavation pit showed high concentrations (BTEX 2197 (MW-20) and MTBE 793 (MW-20)). 4/27/06: Meeting with Verizon, NYSDEC, and EnviroTrac. Newest data shows concentrations about the same. There is likely old fill material in this area. 5/11/06: Received first quarterly 2006 report. Max BTEX 2058ppb (MW2). Max MTBE 755ppb (MW21). Large increase in BTEX concentration in MW 2. Look for trend in next quarterly report. 8/25/06: Reviewed quarterly report dated 8/24/06. Wells sampled on 6/16/06. Max BTEX 902 ppb (MW22), max MTBE 150 ppb (MW7). General decreasing trend. Approved reduction of well gauging, and O2 and temperature monitoring from monthly to quarterly. 11/27/06: Received July - September 2006 monitoring report. Max BTEX 556 ppb in MW21, max MTBE 68 ppb in MW21. Decreasing trend. 2/22/07: Reviewed update report. Wells sampled on 12/15/06. Max BTEX 129 ppb (MW20). Max MTBE 79 ppb (MW3). Continue monitoring. 5/22/07: Reviewed update report. Wells sampled on 3/1/07. Max BTEX 203 ppb (MW21), max MTBE 88 ppb (MW21). MNA. 8/29/07: Reviewed update report. Wells sampled on 6/8/07. Max BTEX 60 ppb (MW22), max MTBE 59 ppb (MW3). MNA. Evaluate for closure next quarter. 3/4/08: Reviewed update report. Wells sampled on 12/18/07. Max BTEX 767 ppb (MW7), max MTBE 919 ppb (MW7). An ORM sock will be installed in MW7. 7/2/08 - Carlson: Reviewed January 2008 - March 2008 update report. ORM sock installed in MW7 on 2/20/08. Wells sampled on 3/26/08. Max BTEX 30 ppb (MW7). General decrease in contaminant concentrations. 9/3/08 - Carlson: Reviewed April - June 2008 update report. Wells sampled on 6/20/08. Low dissolved concentrations. Emailed Thomas Bosshard (Envirotrac) requesting the ORC sock be removed from MW7. 9/15/08 - Carlson: Received cover letter indicating that ORC sock was removed from MW7. 10/17/08 - Carlson: Reviewed July 2008 - September 2008 Update Report. Wells sampled on 9/29/08. Low dissolved concentrations. ORC sock removed from MW7 on August 28, 2008. 2/27/09 - Carlson: Issued letter requiring confirmatory investigation workplan. Due 3/27/09. 3/26/09 - Carlson: Approved confirmatory boring workplan. 6/8/09 - Carlson: Received update report and closure petition. Confirmatory soil borings completed. 7/6/09 - Carlson: Requested additional confirmatory soil borings be completed. 8/26/09 - Carlson: Approved work plan for installation of four additional confirmatory soil borings. 11/5/09 - Carlson: Received Additional Confirmatory Investigation. Case closed. caller states unk person dumped wast oil/gasoline mixture into

Remarks:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

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VERIZON (Continued)

S104953734

monitoring well

Material:

Site ID: 226185
Operable Unit ID: 835120
Operable Unit: 01
Material ID: 540336
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

**E14
NW
1/4-1/2
0.311 mi.
1641 ft.**

**BUG, SPRING CREEK GATE STATION
745-757 MONTAUK AVENUE
BROOKLYN, NY 11208**

**NY HSWDS S108147015
N/A**

Site 1 of 2 in cluster E

**Relative:
Higher**

HSWDS:

**Actual:
18 ft.**

Facility ID: Not reported
Region: 2
Facility Status: Unknown
Owner Type: Publ Utily
Owner: Brooklyn Union Gas Company
Owner Address: 195 Montague Street
Owner Phone: (718)403-303
Operator Type: Unknown
Operator: Unknown
Operator: Unknown
Operator Phone: Unknown
EPA ID: NYD980532246
Registry: Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID: Unknown
RCRA Permitted: Unknown
Site Code: Coal Gasification Plant
Owner City State: Brooklyn
Operator City State: Not reported
Quadrangle: Unknown
Latitude: 40 49 30 N
Longitude: 73 52 15 W
Acres: 0.00
Operator Date: 1981
Close Date: Unknown
Completed: PA
Active: Unknown
PCB's Disposed: Unknown
Pesticides Disposed: No
Metals Disposed: No
Asbestos Disposed: No
Volatile Organic Compounds Disposed: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUG, SPRING CREEK GATE STATION (Continued)

S108147015

Semi Volatile Organic Compounds Disposed: No
Analytical Info Exists for Air: Not reported
Analytical Info Exists for Ground: None
Analytical Info Exists for Surface: Not reported
Analytical Info Exists for Sediments: Not reported
Analytical Info Exists for Surface: Not reported
Analytical Info Exists for Substance: Not reported
Analytical Info Exists for Waste: Not reported
Analytical Info Exists for Leachate: Not reported
Analytical Info Exists for EP Toxicity: Not reported
Analytical Info Exists for TCLP: Not reported
Threat to Environment/Public Health: Unknown
Surface Water Contamination: Unknown
Surface Water Body Class: Unknown
Groundwater Contamination: Unknown
Groundwater Classification: Unknown
Drinking Water Contamination: Unknown
Drinking Water Supply is Active: Unknown
Any Known Fish or Wildlife: Unknown
Hazardous Exposure: Unknown
Site Has Controlled Access: Unknown
Ambient Air Contamination: Unknown
Direct Contact: Unknown
EPA Hazardous Ranking System Score: Unknown
Inventory: F
Nefrap: Not reported
Mailing: Not reported
Tax Map No: Not reported
Qualify: 0
Next Action: Not reported
Agencies: Not reported
Air: Not reported
Building: Not reported
Site Desc: Not reported
Drink: Not reported
Eptox: Not reported
Fish: Not reported
Ground: Not reported
Ground Desc: Not reported
Hazardous Threat: Not reported
Haz Threat Desc: Not reported
Leachate: Not reported
Preparer: Not reported
Sediment: Not reported
Soil: Not reported
Surface: Not reported
Status: Not reported
Surface Soil: Not reported
Surface: Not reported
TCLP: Not reported
Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E15
NW
1/4-1/2
0.311 mi.
1641 ft.

BKLYN UNION GAS /SPRING CREEK GATE STA
745-757 MONTAUK AVE
BROOKLYN, NY 11208

CERC-NFRAP
RCRA NonGen / NLR
FINDS

1000333135
NYD980532246

Site 2 of 2 in cluster E

Relative:
Higher

CERC-NFRAP:

Site ID: 0201998
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Actual:
18 ft.

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: / /
Date Completed: 06/01/81
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 09/24/86
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 09/05/86
Date Completed: 09/24/86
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: BROOKLYN UNION GAS SPRING CREEK GATE STA
Facility address: 745-757 MONTAUK AVE
BROOKLYN, NY 11208
EPA ID: NYD980532246
Mailing address: MONTAUK AVE
BROOKLYN, NY 11208
Contact: Not reported
Contact address: MONTAUK AVE
BROOKLYN, NY 11208
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BKLYN UNION GAS /SPRING CREEK GATE STA (Continued)

1000333135

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: BROOKLYN UNION GAS SPRING CREEK GATE STA
Classification: Not a generator, verified

Date form received by agency: 12/31/1979
Facility name: BROOKLYN UNION GAS SPRING CREEK GATE STA
Classification: Unverified

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/01/1987
Date achieved compliance: 04/19/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/18/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/01/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BKLYN UNION GAS /SPRING CREEK GATE STA (Continued)

1000333135

Date achieved compliance: 04/19/1988
 Evaluation lead agency: State

FINDS:

Registry ID: 110004387048

Environmental Interest/Information System

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

**16
 WNW
 1/4-1/2
 0.449 mi.
 2369 ft.**

**S&S X-RAY INC
 1101 LINWOOD STREET
 BROOKLYN, NY**

**Relative:
 Higher**

**RCRA-CESQG
 FINDS
 NY MANIFEST
 NY Spills
 NY ENG CONTROLS
 NY INST CONTROL
 NY VCP
 US AIRS**

**1000130817
 NYD981494313**

**Actual:
 11 ft.**

RCRA-CESQG:

Date form received by agency: 01/01/2007
 Facility name: S & S SHEET METAL PRODUCTS CORP
 Facility address: 1101 LINWOOD ST
 BROOKLYN, NY 112085722
 EPA ID: NYD981494313
 Mailing address: LINWOOD ST
 BROOKLYN, NY 11208
 Contact: Not reported
 Contact address: LINWOOD ST
 BROOKLYN, NY 11208
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 02
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: S & S SHEET METAL PRODUCTS CORP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S&S X-RAY INC (Continued)

1000130817

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: S & S SHEET METAL PRODUCTS CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: S & S SHEET METAL PRODUCTS CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Facility name: S & S SHEET METAL PRODUCTS CORP
Classification: Not a generator, verified

Date form received by agency: 07/22/1986
Facility name: S & S SHEET METAL PRODUCTS CORP
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110001571415

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S&S X-RAY INC (Continued)

1000130817

Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NY MANIFEST:

EPA ID: NYD981494313
Country: USA
Mailing Name: S & S X-RAY INC
Mailing Contact: TIMOTHY COSTELLO
Mailing Address: 1101 LINWOOD STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11208
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 800-347-9729

Document ID: NJA4033021
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/01/2002
Trans1 Recv Date: 03/01/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/01/2002

Map ID
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Elevation

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EPA ID Number

S&S X-RAY INC (Continued)

1000130817

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981494313
Trans1 EPA ID: NJD002200046
Trans2 EPA ID: Not reported
TSD ID: S5811
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00035
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2002

Document ID: NJA4033022
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/01/2002
Trans1 Recv Date: 03/01/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/01/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981494313
Trans1 EPA ID: NJD002200046
Trans2 EPA ID: Not reported
TSD ID: S5811
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.

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EPA ID Number

S&S X-RAY INC (Continued)

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Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00025
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2002

Document ID: NJA4031379
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 02/13/2002
Trans1 Recv Date: 02/13/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/14/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981494313
Trans1 EPA ID: NJD002200046
Trans2 EPA ID: Not reported
TSDF ID: S5811
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00440
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 008
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2002

Document ID: NJA4077743
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 09/04/2002
Trans1 Recv Date: 09/04/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/04/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981494313
Trans1 EPA ID: NJD002200046
Trans2 EPA ID: Not reported
TSDF ID: S5811
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES

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Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2002

Document ID: NJA4077744
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 09/04/2002
Trans1 Recv Date: 09/04/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/04/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981494313
Trans1 EPA ID: NJD002200046
Trans2 EPA ID: Not reported
TSD ID: S5811
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00300
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2002

Document ID: NYH0377937
Manifest Status: Not reported
Trans1 State ID: NYD039163183
Trans2 State ID: Not reported
Generator Ship Date: 09/03/2003
Trans1 Recv Date: 09/03/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/03/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981494313
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSD ID: Not reported
Waste Code: F003 - UNKNOWN
Quantity: 00800
Units: P - Pounds
Number of Containers: 016
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2003

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EPA ID Number

S&S X-RAY INC (Continued)

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SPILLS:

Facility ID: 0107758
DER Facility ID: 83285
Facility Type: ER
Site ID: 92764
DEC Region: 2
Spill Date: 10/30/2001
Spill Number/Closed Date: 0107758 / 3/25/2011
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401
Investigator: MDMACCAB
Referred To: Not reported
Reported to Dept: 10/30/2001
CID: 390
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 10/30/2001
Spill Record Last Update: 3/25/2011
Spiller Name: CARLA SULLIVAN
Spiller Company: S & S XRAY METAL
Spiller Address: 1101 LINWOOD ST
Spiller City,St,Zip: BROOKLYN, ZZ
Spiller Company: 001
Contact Name: CARLA SULLIVAN
Contact Phone: (516) 971-3308
DEC Memo: 10/30/2001: TOM HALL TELCON WITH SCOTT YANUCK (LAUREL ENV). AS PER YANUCK, 2-3 USTS ARE TO BE REMOVED FROM THE PROPERTY. PID READINGS ON SOILS IN THE SOURCE AREA EXCEEDED 2000ppm. TANK REMOVAL AND REMEDIAL REPORT WILL BE FORWARDED FOR DEPARTMENT REVIEW. HALL DIRECTED YANUCK TO NOTIFY SPILLS UNIT WHEN WORK HAS BEEN SCHEDULED.10/31/2001: TOM HALL TELCON WITH CARLA SULLIVAN AT 1400 HRS. AS PER SULLIVAN, LAUREL IS WORKING FOR POTENTIAL BUYER OF PROPERTY. TWO (2) 550 GALLON USTS (REPORTEDLY USED TO STORE PAINT SOLVENT/THINNER) REMAIN IN PLACE UNDER THE 18" CONCRETE FLOOR INSIDE THE BUILDING FOOTPRINT. GEOPROBE BORING 12' DOWNGRADIENT FROM USTS REVEALED SIGNIFICANT CONTAMINATION (500ppm 8-12'; 2000+ppm 12-16'). MICROWELL SCREENED AT 14-16' SAMPLED. SOILS ARE REPORTEDLY FINE GRAINED SAND WITH SOME FILL MATERIAL. BORING LOCATED ~26' UPGRADIENT FROM USTS INDICATED NO IMPACT. SULLIVAN WILL KEEP SPILLS UNIT UPDATED AS TO PROGRESS OF PROPERTY TRANSACTION AND REMEDIAL WORK. 11/21/01 SHAPIRO ENGINEERING ROBERT LoPinto 516-791-2300 INVESTIGATING TANK AND POSSIBLE CONTENTS WITHIN BLD. WILL UPDATE 02/05/02 BUYER AND SELLER BOTH HAVE CONSULTANTS ON SITE FOR BORINGS AND SAMPLING. DELINEATION IS PROCEEDING.4/27/10 - M. MacCabe - See VCP # V00582 for current status.

Remarks:

Not reported
caller is doing soil borings for vacant industrial property still owned by above company - soil samples came back positive for unk volatile

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S&S X-RAY INC (Continued)

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Material:

Site ID: 92764
Operable Unit ID: 844997
Operable Unit: 01
Material ID: 529019
Material Code: 0042A
Material Name: XYLENE (MIXED)
Case No.: 01330207
Material FA: Hazardous Material
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Site ID: 92764
Operable Unit ID: 844997
Operable Unit: 01
Material ID: 2101439
Material Code: 0230A
Material Name: ETHYLBENZENE
Case No.: 00100414
Material FA: Hazardous Material
Quantity: 0
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False
Site ID: 92764
Operable Unit ID: 844997
Operable Unit: 01
Material ID: 2101434
Material Code: 0056A
Material Name: PAINT THINNERS
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

ENG CONTROLS:

Site Code: 57111
HW Code: V00582
Control Code: 13
Control Type: ENG
Date Record Added: 03/05/2009
Date Rec Updated: 10/22/2013
Updated By: SRHEIGEL
Site Description: Location: The site is located at 1101 Linwood Street within a commercial / industrial area of Brooklyn. Less than a mile south and down gradient are the Pennsylvania Avenue and Fountain Avenue landfills and Jamaica Bay. In recent Less than a mile south and down

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S&S X-RAY INC (Continued)

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gradient from the site are the Pennsylvania Avenue Landfill (224002) and the Fountain Avenue Landfill (224003) and then Jamaica Bay. Beginning in about 2009, a large development of single-family row houses have been built. There are residences one block upgradient. Site Features: The property consists of a one-story warehouse-like industrial facility covers most of the block except for a paved parking lot and some landscaping at the southern end. A portion of the building was converted into a two-story facility within the existing building. Current Zoning/Use: The current use of the property is a self-storage facility where people can drive vehicles into the building. Historic Uses: The site was formerly owned by Art-Lloyd Metal Products which manufactured various metal products. Part of the manufacturing process included spray-painting the metal parts. Liquid solvents were likely used in the process. In January 2001, two 550 gallon USTs were discovered under the floor buried in concrete. The tanks had leaked and released large quantities of xylene and ethylbenzene in to the soil and groundwater (spill # 01-07758). The tanks and approximately estimated 40 cubic yards (41.8 tons) of contaminated soil was removed from the site to an approved disposal facility. An interim remedial measure was conducted in May 2003 when four groundwater extraction wells were installed in the area of the contaminated groundwater. About 2,150 gallons of contaminated groundwater was collected for off site disposal. An investigation of groundwater, soil, and soil gas began in June 2003. In the winter of 2004-05, approximately 250 cubic yards of contaminated soil was excavated from two locations and disposed of in accordance with NYSDEC regulations. NYSDEC staff requested an oxygen releasing compound (ORC) be pumped in to the excavations, but this was not done. In January 2006, the consultant pumped ORC in to the area of the outside excavations using a direct-push method to bore holes to a depth below the earlier excavations. Due to elevated concentrations of xylene and ethylbenzene in soil gas and impacts to indoor air, a sub-slab depressurization system (SSDS) was installed in November 2005. The environmental remedies conducted at the site are summarized in the Interim Remedial Measures Work Plan, May 20, 2003; Remedial Action Work Plan, April 9, 2004; and the Additional Remedial Action Work Plan, November 2005 from Shapiro Engineering. Due to the remaining contamination, engineering controls (ECs) and institutional controls (ICs) have been placed on the site. The ECs consist of operation and maintenance of the SSDS, periodic groundwater monitoring, a demarcation barrier at the depth limit of the source excavation. ICs, in the form of a deed restriction, prohibit excavation of soil without DEC approval and the use of on-site groundwater for potable purposes. Upon completion of the VCA in July 2007, environmental remediation has been completed to the satisfaction of the department. The site is currently in the site management phase with operation, maintenance and monitoring and site controls as described above. Site Geology and Hydrogeology: The on-site water table is about 14 feet below grade. Local groundwater flow is to the south toward Jamaica Bay. Groundwater flow has been found to be slow. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. To date, down-gradient on-site monitoring wells have little or no evidence of contaminants migrating beyond the building footprint. Nature and extent of contamination: Ethylbenzene and xylene contamination remain in soil and groundwater. The soil contamination is beneath a demarcation barrier, twelve feet of clean fill, and

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Health Problem: either the sidewalk or concrete floor. The contaminated groundwater flows south beneath the building toward the Penn and Fountain landfills and then the Jamaica Bay. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. A monitoring well was constructed at the other end of the building. No site-related contaminants were found in the well in January 2006. The post-remedy annual report / OM&M report (2006) showed residual contamination of xylene (246 mg/Kg), ethylbenzene (29.1 mg/Kg), and toluene (0.2 mg/Kg) remaining in soil below the bottom of the excavation. The GW concentrations remain elevated in the source area at xylene (43,400 mg/Kg), ethylbenzene (6,590 mg/Kg), and toluene (38.1 mg/Kg). However, most of the source area is under the building and the impacted groundwater is migrating under the building. Two down-gradient monitoring wells showed some impacts from xylene at 3.45 mg/Kg and 14.8 mg/Kg. The residual soil contamination is primarily 12 feet below grade under the sidewalk and the building slab. The soil concentrations exceed TAGM 4046 RSCOs. However, the xylene concentrations are below Part 375 commercial restricted use soil cleanup objective and the ethylbenzene concentrations are below the Part 375 residential restricted use SCO. The remaining GW contamination is primarily under the building. The source area is along the east-northeast side of the building. GW flows southernly under the building. Currently, there are no GW receptors down gradient. The site is not a significant threat to the environment. Exposure to contaminants in on-site soil is not expected since remaining wastes are at depth and capped. A sub-slab depressurization system is operating to eliminate or minimize the possibility of vapors entering the on-site building. Exposure to site-related contamination in drinking water is not expected since the area is served by municipal water.

INST CONTROL:

Site Code: 57111
Control Name: Soil Management Plan
HW Code: V00582
Control Code: 14
Control Type: INST
Dt record added: 03/05/2009
Dt rec updated: 10/22/2013
Updated By: SRHEIGEL
Site Code: 57111

Site Description: Location: The site is located at 1101 Linwood Street within a commercial / industrial area of Brooklyn. Less than a mile south and down gradient are the Pennsylvania Avenue and Fountain Avenue landfills and Jamaica Bay. In recent Less than a mile south and down gradient from the site are the Pennsylvania Avenue Landfill (224002) and the Fountain Avenue Landfill (224003) and then Jamaica Bay. Beginning in about 2009, a large development of single-family row houses have been built. There are residences one block upgradient. Site Features: The property consists of a one-story warehouse-like industrial facility covers most of the block except for a paved parking lot and some landscaping at the southern end. A portion of the building was converted into a two-story facility within the existing building. Current Zoning/Use: The current use of the property is a self-storage facility where people can drive vehicles into the building. Historic Uses: The site was formerly owned by Art-Lloyd Metal Products which manufactured various metal products. Part of the

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EPA ID Number

S&S X-RAY INC (Continued)

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manufacturing process included spray-painting the metal parts. Liquid solvents were likely used in the process. In January 2001, two 550 gallon USTs were discovered under the floor buried in concrete. The tanks had leaked and released large quantities of xylene and ethylbenzene in to the soil and groundwater (spill # 01-07758). The tanks and approximately estimated 40 cubic yards (41.8 tons) of contaminated soil was removed from the site to an approved disposal facility. An interim remedial measure was conducted in May 2003 when four groundwater extraction wells were installed in the area of the contaminated groundwater. About 2,150 gallons of contaminated groundwater was collected for off site disposal. An investigation of groundwater, soil, and soil gas began in June 2003. In the winter of 2004-05, approximately 250 cubic yards of contaminated soil was excavated from two locations and disposed of in accordance with NYSDEC regulations. NYSDEC staff requested an oxygen releasing compound (ORC) be pumped in to the excavations, but this was not done. In January 2006, the consultant pumped ORC in to the area of the outside excavations using a direct-push method to bore holes to a depth below the earlier excavations. Due to elevated concentrations of xylene and ethylbenzene in soil gas and impacts to indoor air, a sub-slab depressurization system (SSDS) was installed in November 2005. The environmental remedies conducted at the site are summarized in the Interim Remedial Measures Work Plan, May 20, 2003; Remedial Action Work Plan, April 9, 2004; and the Additional Remedial Action Work Plan, November 2005 from Shapiro Engineering. Due to the remaining contamination, engineering controls (ECs) and institutional controls (ICs) have been placed on the site. The ECs consist of operation and maintenance of the SSDS, periodic groundwater monitoring, a demarcation barrier at the depth limit of the source excavation. ICs, in the form of a deed restriction, prohibit excavation of soil without DEC approval and the use of on-site groundwater for potable purposes. Upon completion of the VCA in July 2007, environmental remediation has been completed to the satisfaction of the department. The site is currently in the site management phase with operation, maintenance and monitoring and site controls as described above. Site Geology and Hydrogeology: The on-site water table is about 14 feet below grade. Local groundwater flow is to the south toward Jamaica Bay. Groundwater flow has been found to be slow. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. To date, down-gradient on-site monitoring wells have little or no evidence of contaminants migrating beyond the building footprint.

Env Problem: Nature and extent of contamination: Ethylbenzene and xylene contamination remain in soil and groundwater. The soil contamination is beneath a demarcation barrier, twelve feet of clean fill, and either the sidewalk or concrete floor. The contaminated groundwater flows south beneath the building toward the Penn and Fountain landfills and then the Jamaica Bay. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. A monitoring well was constructed at the other end of the building. No site-related contaminants were found in the well in January 2006. The post-remedy annual report / OM&M report (2006) showed residual contamination of xylene (246 mg/Kg), ethylbenzene (29.1 mg/Kg), and toluene (0.2 mg/Kg) remaining in soil below the bottom of the excavation. The GW concentrations remain elevated in the source area at xylene (43,400 mg/Kg), ethylbenzene (6,590 mg/Kg), and toluene (38.1 mg/Kg). However, most of the source area is under

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the building and the impacted groundwater is migrating under the building. Two down-gradient monitoring wells showed some impacts from xylene at 3.45 mg/Kg and 14.8 mg/Kg. The residual soil contamination is primarily 12 feet below grade under the sidewalk and the building slab. The soil concentrations exceed TAGM 4046 RSCOs. However, the xylene concentrations are below Part 375 commercial restricted use soil cleanup objective and the ethylbenzene concentrations are below the Part 375 residential restricted use SCO. The remaining GW contamination is primarily under the building. The source area is along the east-northeast side of the building. GW flows southerly under the building. Currently, there are no GW receptors down gradient. The site is not a significant threat to the environment.

Health Problem: Exposure to contaminants in on-site soil is not expected since remaining wastes are at depth and capped. A sub-slab depressurization system is operating to eliminate or minimize the possibility of vapors entering the on-site building. Exposure to site-related contamination in drinking water is not expected since the area is served by municipal water.

Site Code: 57111
Control Name: Deed Restriction
HW Code: V00582
Control Code: A
Control Type: INST
Dt record added: 03/05/2009
Dt rec updated: 10/22/2013
Updated By: SRHEIGEL
Site Code: 57111

Site Description: Location: The site is located at 1101 Linwood Street within a commercial / industrial area of Brooklyn. Less than a mile south and down gradient are the Pennsylvania Avenue and Fountain Avenue landfills and Jamaica Bay. In recent Less than a mile south and down gradient from the site are the Pennsylvania Avenue Landfill (224002) and the Fountain Avenue Landfill (224003) and then Jamaica Bay. Beginning in about 2009, a large development of single-family row houses have been built. There are residences one block upgradient. Site Features: The property consists of a one-story warehouse-like industrial facility covers most of the block except for a paved parking lot and some landscaping at the southern end. A portion of the building was converted into a two-story facility within the existing building. Current Zoning/Use: The current use of the property is a self-storage facility where people can drive vehicles into the building. Historic Uses: The site was formerly owned by Art-Lloyd Metal Products which manufactured various metal products. Part of the manufacturing process included spray-painting the metal parts. Liquid solvents were likely used in the process. In January 2001, two 550 gallon USTs were discovered under the floor buried in concrete. The tanks had leaked and released large quantities of xylene and ethylbenzene in to the soil and groundwater (spill # 01-07758). The tanks and approximately estimated 40 cubic yards (41.8 tons) of contaminated soil was removed from the site to an approved disposal facility. An interim remedial measure was conducted in May 2003 when four groundwater extraction wells were installed in the area of the contaminated groundwater. About 2,150 gallons of contaminated groundwater was collected for off site disposal. An investigation of groundwater, soil, and soil gas began in June 2003. In the winter of 2004-05, approximately 250 cubic yards of contaminated soil was

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excavated from two locations and disposed of in accordance with NYSDEC regulations. NYSDEC staff requested an oxygen releasing compound (ORC) be pumped in to the excavations, but this was not done. In January 2006, the consultant pumped ORC in to the area of the outside excavations using a direct-push method to bore holes to a depth below the earlier excavations. Due to elevated concentrations of xylene and ethylbenzene in soil gas and impacts to indoor air, a sub-slab depressurization system (SSDS) was installed in November 2005. The environmental remedies conducted at the site are summarized in the Interim Remedial Measures Work Plan, May 20, 2003; Remedial Action Work Plan, April 9, 2004; and the Additional Remedial Action Work Plan, November 2005 from Shapiro Engineering. Due to the remaining contamination, engineering controls (ECs) and institutional controls (ICs) have been placed on the site. The ECs consist of operation and maintenance of the SSDS, periodic groundwater monitoring, a demarcation barrier at the depth limit of the source excavation. ICs, in the form of a deed restriction, prohibit excavation of soil without DEC approval and the use of on-site groundwater for potable purposes. Upon completion of the VCA in July 2007, environmental remediation has been completed to the satisfaction of the department. The site is currently in the site management phase with operation, maintenance and monitoring and site controls as described above. Site Geology and Hydrogeology: The on-site water table is about 14 feet below grade. Local groundwater flow is to the south toward Jamaica Bay. Groundwater flow has been found to be slow. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. To date, down-gradient on-site monitoring wells have little or no evidence of contaminants migrating beyond the building footprint.

Env Problem:

Nature and extent of contamination: Ethylbenzene and xylene contamination remain in soil and groundwater. The soil contamination is beneath a demarcation barrier, twelve feet of clean fill, and either the sidewalk or concrete floor. The contaminated groundwater flows south beneath the building toward the Penn and Fountain landfills and then the Jamaica Bay. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. A monitoring well was constructed at the other end of the building. No site-related contaminants were found in the well in January 2006. The post-remedy annual report / OM&M report (2006) showed residual contamination of xylene (246 mg/Kg), ethylbenzene (29.1 mg/Kg), and toluene (0.2 mg/Kg) remaining in soil below the bottom of the excavation. The GW concentrations remain elevated in the source area at xylene (43,400 mg/Kg), ethylbenzene (6,590 mg/Kg), and toluene (38.1 mg/Kg). However, most of the source area is under the building and the impacted groundwater is migrating under the building. Two down-gradient monitoring wells showed some impacts from xylene at 3.45 mg/Kg and 14.8 mg/Kg. The residual soil contamination is primarily 12 feet below grade under the sidewalk and the building slab. The soil concentrations exceed TAGM 4046 RSCOs. However, the xylene concentrations are below Part 375 commercial restricted use soil cleanup objective and the ethylbenzene concentrations are below the Part 375 residential restricted use SCO. The remaining GW contamination is primarily under the building. The source area is along the east-northeast side of the building. GW flows southernly under the building. Currently, there are no GW receptors down gradient. The site is not a significant threat to the environment.

Health Problem:

Exposure to contaminants in on-site soil is not expected since

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remaining wastes are at depth and capped. A sub-slab depressurization system is operating to eliminate or minimize the possibility of vapors entering the on-site building. Exposure to site-related contamination in drinking water is not expected since the area is served by municipal water.

Site Code: 57111
Control Name: O&M Plan
HW Code: V00582
Control Code: 33
Control Type: INST
Dt record added: 03/05/2009
Dt rec updated: 10/22/2013
Updated By: SRHEIGEL
Site Code: 57111
Site Description:

Location: The site is located at 1101 Linwood Street within a commercial / industrial area of Brooklyn. Less than a mile south and down gradient are the Pennsylvania Avenue and Fountain Avenue landfills and Jamaica Bay. In recent Less than a mile south and down gradient from the site are the Pennsylvania Avenue Landfill (224002) and the Fountain Avenue Landfill (224003) and then Jamaica Bay. Beginning in about 2009, a large development of single-family row houses have been built. There are residences one block upgradient. Site Features: The property consists of a one-story warehouse-like industrial facility covers most of the block except for a paved parking lot and some landscaping at the southern end. A portion of the building was converted into a two-story facility within the existing building. Current Zoning/Use: The current use of the property is a self-storage facility where people can drive vehicles into the building. Historic Uses: The site was formerly owned by Art-Lloyd Metal Products which manufactured various metal products. Part of the manufacturing process included spray-painting the metal parts. Liquid solvents were likely used in the process. In January 2001, two 550 gallon USTs were discovered under the floor buried in concrete. The tanks had leaked and released large quantities of xylene and ethylbenzene in to the soil and groundwater (spill # 01-07758). The tanks and approximately estimated 40 cubic yards (41.8 tons) of contaminated soil was removed from the site to an approved disposal facility. An interim remedial measure was conducted in May 2003 when four groundwater extraction wells were installed in the area of the contaminated groundwater. About 2,150 gallons of contaminated groundwater was collected for off site disposal. An investigation of groundwater, soil, and soil gas began in June 2003. In the winter of 2004-05, approximately 250 cubic yards of contaminated soil was excavated from two locations and disposed of in accordance with NYSDEC regulations. NYSDEC staff requested an oxygen releasing compound (ORC) be pumped in to the excavations, but this was not done. In January 2006, the consultant pumped ORC in to the area of the outside excavations using a direct-push method to bore holes to a depth below the earlier excavations. Due to elevated concentrations of xylene and ethylbenzene in soil gas and impacts to indoor air, a sub-slab depressurization system (SSDS) was installed in November 2005. The environmental remedies conducted at the site are summarized in the Interim Remedial Measures Work Plan, May 20, 2003; Remedial Action Work Plan, April 9, 2004; and the Additional Remedial Action Work Plan, November 2005 from Shapiro Engineering. Due to the remaining contamination, engineering controls (ECs) and institutional

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S&S X-RAY INC (Continued)

1000130817

controls (ICs) have been placed on the site. The ECs consist of operation and maintenance of the SSDS, periodic groundwater monitoring, a demarcation barrier at the depth limit of the source excavation. ICs, in the form of a deed restriction, prohibit excavation of soil without DEC approval and the use of on-site groundwater for potable purposes. Upon completion of the VCA in July 2007, environmental remediation has been completed to the satisfaction of the department. The site is currently in the site management phase with operation, maintenance and monitoring and site controls as described above. Site Geology and Hydrogeology: The on-site water table is about 14 feet below grade. Local groundwater flow is to the south toward Jamaica Bay. Groundwater flow has been found to be slow. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. To date, down-gradient on-site monitoring wells have little or no evidence of contaminants migrating beyond the building footprint.

Env Problem: Nature and extent of contamination: Ethylbenzene and xylene contamination remain in soil and groundwater. The soil contamination is beneath a demarcation barrier, twelve feet of clean fill, and either the sidewalk or concrete floor. The contaminated groundwater flows south beneath the building toward the Penn and Fountain landfills and then the Jamaica Bay. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. A monitoring well was constructed at the other end of the building. No site-related contaminants were found in the well in January 2006. The post-remedy annual report / OM&M report (2006) showed residual contamination of xylene (246 mg/Kg), ethylbenzene (29.1 mg/Kg), and toluene (0.2 mg/Kg) remaining in soil below the bottom of the excavation. The GW concentrations remain elevated in the source area at xylene (43,400 mg/Kg), ethylbenzene (6,590 mg/Kg), and toluene (38.1 mg/Kg). However, most of the source area is under the building and the impacted groundwater is migrating under the building. Two down-gradient monitoring wells showed some impacts from xylene at 3.45 mg/Kg and 14.8 mg/Kg. The residual soil contamination is primarily 12 feet below grade under the sidewalk and the building slab. The soil concentrations exceed TAGM 4046 RSCOs. However, the xylene concentrations are below Part 375 commercial restricted use soil cleanup objective and the ethylbenzene concentrations are below the Part 375 residential restricted use SCO. The remaining GW contamination is primarily under the building. The source area is along the east-northeast side of the building. GW flows southerly under the building. Currently, there are no GW receptors down gradient. The site is not a significant threat to the environment.

Health Problem: Exposure to contaminants in on-site soil is not expected since remaining wastes are at depth and capped. A sub-slab depressurization system is operating to eliminate or minimize the possibility of vapors entering the on-site building. Exposure to site-related contamination in drinking water is not expected since the area is served by municipal water.

Site Code: 57111
Control Name: Landuse Restriction
HW Code: V00582
Control Code: 25
Control Type: INST
Dt record added: 03/05/2009
Dt rec updated: 10/22/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S&S X-RAY INC (Continued)

1000130817

Updated By: SRHEIGEL

Site Code: 57111

Site Description: Location: The site is located at 1101 Linwood Street within a commercial / industrial area of Brooklyn. Less than a mile south and down gradient are the Pennsylvania Avenue and Fountain Avenue landfills and Jamaica Bay. In recent Less than a mile south and down gradient from the site are the Pennsylvania Avenue Landfill (224002) and the Fountain Avenue Landfill (224003) and then Jamaica Bay. Beginning in about 2009, a large development of single-family row houses have been built. There are residences one block upgradient. Site Features: The property consists of a one-story warehouse-like industrial facility covers most of the block except for a paved parking lot and some landscaping at the southern end. A portion of the building was converted into a two-story facility within the existing building. Current Zoning/Use: The current use of the property is a self-storage facility where people can drive vehicles into the building. Historic Uses: The site was formerly owned by Art-Lloyd Metal Products which manufactured various metal products. Part of the manufacturing process included spray-painting the metal parts. Liquid solvents were likely used in the process. In January 2001, two 550 gallon USTs were discovered under the floor buried in concrete. The tanks had leaked and released large quantities of xylene and ethylbenzene in to the soil and groundwater (spill # 01-07758). The tanks and approximately estimated 40 cubic yards (41.8 tons) of contaminated soil was removed from the site to an approved disposal facility. An interim remedial measure was conducted in May 2003 when four groundwater extraction wells were installed in the area of the contaminated groundwater. About 2,150 gallons of contaminated groundwater was collected for off site disposal. An investigation of groundwater, soil, and soil gas began in June 2003. In the winter of 2004-05, approximately 250 cubic yards of contaminated soil was excavated from two locations and disposed of in accordance with NYSDEC regulations. NYSDEC staff requested an oxygen releasing compound (ORC) be pumped in to the excavations, but this was not done. In January 2006, the consultant pumped ORC in to the area of the outside excavations using a direct-push method to bore holes to a depth below the earlier excavations. Due to elevated concentrations of xylene and ethylbenzene in soil gas and impacts to indoor air, a sub-slab depressurization system (SSDS) was installed in November 2005. The environmental remedies conducted at the site are summarized in the Interim Remedial Measures Work Plan, May 20, 2003; Remedial Action Work Plan, April 9, 2004; and the Additional Remedial Action Work Plan, November 2005 from Shapiro Engineering. Due to the remaining contamination, engineering controls (ECs) and institutional controls (ICs) have been placed on the site. The ECs consist of operation and maintenance of the SSDS, periodic groundwater monitoring, a demarcation barrier at the depth limit of the source excavation. ICs, in the form of a deed restriction, prohibit excavation of soil without DEC approval and the use of on-site groundwater for potable purposes. Upon completion of the VCA in July 2007, environmental remediation has been completed to the satisfaction of the department. The site is currently in the site management phase with operation, maintenance and monitoring and site controls as described above. Site Geology and Hydrogeology: The on-site water table is about 14 feet below grade. Local groundwater flow is to the south toward Jamaica Bay. Groundwater flow has been found to be slow. RI sampling has shown that the groundwater

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S&S X-RAY INC (Continued)

1000130817

contamination has not migrated more than 200 feet in twenty years. To date, down-gradient on-site monitoring wells have little or no evidence of contaminants migrating beyond the building footprint.

Env Problem: Nature and extent of contamination: Ethylbenzene and xylene contamination remain in soil and groundwater. The soil contamination is beneath a demarcation barrier, twelve feet of clean fill, and either the sidewalk or concrete floor. The contaminated groundwater flows south beneath the building toward the Penn and Fountain landfills and then the Jamaica Bay. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. A monitoring well was constructed at the other end of the building. No site-related contaminants were found in the well in January 2006. The post-remedy annual report / OM&M report (2006) showed residual contamination of xylene (246 mg/Kg), ethylbenzene (29.1 mg/Kg), and toluene (0.2 mg/Kg) remaining in soil below the bottom of the excavation. The GW concentrations remain elevated in the source area at xylene (43,400 mg/Kg), ethylbenzene (6,590 mg/Kg), and toluene (38.1 mg/Kg). However, most of the source area is under the building and the impacted groundwater is migrating under the building. Two down-gradient monitoring wells showed some impacts from xylene at 3.45 mg/Kg and 14.8 mg/Kg. The residual soil contamination is primarily 12 feet below grade under the sidewalk and the building slab. The soil concentrations exceed TAGM 4046 RSCOs. However, the xylene concentrations are below Part 375 commercial restricted use soil cleanup objective and the ethylbenzene concentrations are below the Part 375 residential restricted use SCO. The remaining GW contamination is primarily under the building. The source area is along the east-northeast side of the building. GW flows southerly under the building. Currently, there are no GW receptors down gradient. The site is not a significant threat to the environment.

Health Problem: Exposure to contaminants in on-site soil is not expected since remaining wastes are at depth and capped. A sub-slab depressurization system is operating to eliminate or minimize the possibility of vapors entering the on-site building. Exposure to site-related contamination in drinking water is not expected since the area is served by municipal water.

Site Code: 57111
Control Name: Ground Water Use Restriction
HW Code: V00582
Control Code: 08
Control Type: INST
Dt record added: 03/05/2009
Dt rec updated: 10/22/2013
Updated By: SRHEIGEL
Site Code: 57111
Site Description: Location: The site is located at 1101 Linwood Street within a commercial / industrial area of Brooklyn. Less than a mile south and down gradient are the Pennsylvania Avenue and Fountain Avenue landfills and Jamaica Bay. In recent Less than a mile south and down gradient from the site are the Pennsylvania Avenue Landfill (224002) and the Fountain Avenue Landfill (224003) and then Jamaica Bay. Beginning in about 2009, a large development of single-family row houses have been built. There are residences one block upgradient. Site Features: The property consists of a one-story warehouse-like industrial facility covers most of the block except for a paved parking lot and some landscaping at the southern end. A portion of

S&S X-RAY INC (Continued)

1000130817

the building was converted into a two-story facility within the existing building. Current Zoning/Use: The current use of the property is a self-storage facility where people can drive vehicles into the building. Historic Uses: The site was formerly owned by Art-Lloyd Metal Products which manufactured various metal products. Part of the manufacturing process included spray-painting the metal parts. Liquid solvents were likely used in the process. In January 2001, two 550 gallon USTs were discovered under the floor buried in concrete. The tanks had leaked and released large quantities of xylene and ethylbenzene in to the soil and groundwater (spill # 01-07758). The tanks and approximately estimated 40 cubic yards (41.8 tons) of contaminated soil was removed from the site to an approved disposal facility. An interim remedial measure was conducted in May 2003 when four groundwater extraction wells were installed in the area of the contaminated groundwater. About 2,150 gallons of contaminated groundwater was collected for off site disposal. An investigation of groundwater, soil, and soil gas began in June 2003. In the winter of 2004-05, approximately 250 cubic yards of contaminated soil was excavated from two locations and disposed of in accordance with NYSDEC regulations. NYSDEC staff requested an oxygen releasing compound (ORC) be pumped in to the excavations, but this was not done. In January 2006, the consultant pumped ORC in to the area of the outside excavations using a direct-push method to bore holes to a depth below the earlier excavations. Due to elevated concentrations of xylene and ethylbenzene in soil gas and impacts to indoor air, a sub-slab depressurization system (SSDS) was installed in November 2005. The environmental remedies conducted at the site are summarized in the Interim Remedial Measures Work Plan, May 20, 2003; Remedial Action Work Plan, April 9, 2004; and the Additional Remedial Action Work Plan, November 2005 from Shapiro Engineering. Due to the remaining contamination, engineering controls (ECs) and institutional controls (ICs) have been placed on the site. The ECs consist of operation and maintenance of the SSDS, periodic groundwater monitoring, a demarcation barrier at the depth limit of the source excavation. ICs, in the form of a deed restriction, prohibit excavation of soil without DEC approval and the use of on-site groundwater for potable purposes. Upon completion of the VCA in July 2007, environmental remediation has been completed to the satisfaction of the department. The site is currently in the site management phase with operation, maintenance and monitoring and site controls as described above. Site Geology and Hydrogeology: The on-site water table is about 14 feet below grade. Local groundwater flow is to the south toward Jamaica Bay. Groundwater flow has been found to be slow. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. To date, down-gradient on-site monitoring wells have little or no evidence of contaminants migrating beyond the building footprint.

Env Problem: Nature and extent of contamination: Ethylbenzene and xylene contamination remain in soil and groundwater. The soil contamination is beneath a demarcation barrier, twelve feet of clean fill, and either the sidewalk or concrete floor. The contaminated groundwater flows south beneath the building toward the Penn and Fountain landfills and then the Jamaica Bay. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. A monitoring well was constructed at the other end of the building. No site-related contaminants were found in the well in January 2006. The post-remedy annual report / OM&M report (2006)

MAP FINDINGS

S&S X-RAY INC (Continued)

1000130817

showed residual contamination of xylene (246 mg/Kg), ethylbenzene (29.1 mg/Kg), and toluene (0.2 mg/Kg) remaining in soil below the bottom of the excavation. The GW concentrations remain elevated in the source area at xylene (43,400 mg/Kg), ethylbenzene (6,590 mg/Kg), and toluene (38.1 mg/Kg). However, most of the source area is under the building and the impacted groundwater is migrating under the building. Two down-gradient monitoring wells showed some impacts from xylene at 3.45 mg/Kg and 14.8 mg/Kg. The residual soil contamination is primarily 12 feet below grade under the sidewalk and the building slab. The soil concentrations exceed TAGM 4046 RSCOs. However, the xylene concentrations are below Part 375 commercial restricted use soil cleanup objective and the ethylbenzene concentrations are below the Part 375 residential restricted use SCO. The remaining GW contamination is primarily under the building. The source area is along the east-northeast side of the building. GW flows southerly under the building. Currently, there are no GW receptors down gradient. The site is not a significant threat to the environment.

Health Problem: Exposure to contaminants in on-site soil is not expected since remaining wastes are at depth and capped. A sub-slab depressurization system is operating to eliminate or minimize the possibility of vapors entering the on-site building. Exposure to site-related contamination in drinking water is not expected since the area is served by municipal water.

VCP:

Program Type: VCP
Site Code: 57111
HW Code: V00582
Site Class: C
SWIS: 2401
Region: 2
Town: New York City
Acres: 2.230
Date Record Added: 05/10/2002
Date Record Updated: 08/28/2013
Updated By: JAMORAS
Site Description: Location: The site is located at 1101 Linwood Street within a commercial / industrial area of Brooklyn. Less than a mile south and down gradient are the Pennsylvania Avenue and Fountain Avenue landfills and Jamaica Bay. In recent Less than a mile south and down gradient from the site are the Pennsylvania Avenue Landfill (224002) and the Fountain Avenue Landfill (224003) and then Jamaica Bay. Beginning in about 2009, a large development of single-family row houses have been built. There are residences one block upgradient. Site Features: The property consists of a one-story warehouse-like industrial facility covers most of the block except for a paved parking lot and some landscaping at the southern end. A portion of the building was converted into a two-story facility within the existing building. Current Zoning/Use: The current use of the property is a self-storage facility where people can drive vehicles into the building. Historic Uses: The site was formerly owned by Art-Lloyd Metal Products which manufactured various metal products. Part of the manufacturing process included spray-painting the metal parts. Liquid solvents were likely used in the process. In January 2001, two 550 gallon USTs were discovered under the floor buried in concrete. The tanks had leaked and released large quantities of xylene and ethylbenzene in to the soil and groundwater (spill # 01-07758). The

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S&S X-RAY INC (Continued)

1000130817

Env Problem:

tanks and approximately estimated 40 cubic yards (41.8 tons) of contaminated soil was removed from the site to an approved disposal facility. An interim remedial measure was conducted in May 2003 when four groundwater extraction wells were installed in the area of the contaminated groundwater. About 2,150 gallons of contaminated groundwater was collected for off site disposal. An investigation of groundwater, soil, and soil gas began in June 2003. In the winter of 2004-05, approximately 250 cubic yards of contaminated soil was excavated from two locations and disposed of in accordance with NYSDEC regulations. NYSDEC staff requested an oxygen releasing compound (ORC) be pumped in to the excavations, but this was not done. In January 2006, the consultant pumped ORC in to the area of the outside excavations using a direct-push method to bore holes to a depth below the earlier excavations. Due to elevated concentrations of xylene and ethylbenzene in soil gas and impacts to indoor air, a sub-slab depressurization system (SSDS) was installed in November 2005. The environmental remedies conducted at the site are summarized in the Interim Remedial Measures Work Plan, May 20, 2003; Remedial Action Work Plan, April 9, 2004; and the Additional Remedial Action Work Plan, November 2005 from Shapiro Engineering. Due to the remaining contamination, engineering controls (ECs) and institutional controls (ICs) have been placed on the site. The ECs consist of operation and maintenance of the SSDS, periodic groundwater monitoring, a demarcation barrier at the depth limit of the source excavation. ICs, in the form of a deed restriction, prohibit excavation of soil without DEC approval and the use of on-site groundwater for potable purposes. Upon completion of the VCA in July 2007, environmental remediation has been completed to the satisfaction of the department. The site is currently in the site management phase with operation, maintenance and monitoring and site controls as described above. Site Geology and Hydrogeology: The on-site water table is about 14 feet below grade. Local groundwater flow is to the south toward Jamaica Bay. Groundwater flow has been found to be slow. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. To date, down-gradient on-site monitoring wells have little or no evidence of contaminants migrating beyond the building footprint. Nature and extent of contamination: Ethylbenzene and xylene contamination remain in soil and groundwater. The soil contamination is beneath a demarcation barrier, twelve feet of clean fill, and either the sidewalk or concrete floor. The contaminated groundwater flows south beneath the building toward the Penn and Fountain landfills and then the Jamaica Bay. RI sampling has shown that the groundwater contamination has not migrated more than 200 feet in twenty years. A monitoring well was constructed at the other end of the building. No site-related contaminants were found in the well in January 2006. The post-remedy annual report / OM&M report (2006) showed residual contamination of xylene (246 mg/Kg), ethylbenzene (29.1 mg/Kg), and toluene (0.2 mg/Kg) remaining in soil below the bottom of the excavation. The GW concentrations remain elevated in the source area at xylene (43,400 mg/Kg), ethylbenzene (6,590 mg/Kg), and toluene (38.1 mg/Kg). However, most of the source area is under the building and the impacted groundwater is migrating under the building. Two down-gradient monitoring wells showed some impacts from xylene at 3.45 mg/Kg and 14.8 mg/Kg. The residual soil contamination is primarily 12 feet below grade under the sidewalk and the building slab. The soil concentrations exceed TAGM 4046 RSCOs. However, the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S&S X-RAY INC (Continued)

1000130817

Health Problem: xylene concentrations are below Part 375 commercial restricted use soil cleanup objective and the ethylbenzene concentrations are below the Part 375 residential restricted use SCO. The remaining GW contamination is primarily under the building. The source area is along the east-northeast side of the building. GW flows southerly under the building. Currently, there are no GW receptors down gradient. The site is not a significant threat to the environment. Exposure to contaminants in on-site soil is not expected since remaining wastes are at depth and capped. A sub-slab depressurization system is operating to eliminate or minimize the possibility of vapors entering the on-site building. Exposure to site-related contamination in drinking water is not expected since the area is served by municipal water.

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID: 110001571415
Plant name: S&S SHEET METAL
Plant address: 1101 LINWOOD STREET
BROOKLYN, NY 11208
County: KINGS
Region code: 02
Dunn & Bradst #: 005574330
Air quality cntrl region: 043
Sic code: 3479
Sic code desc: METAL COATING AND ALLIED SERVICES
North Am. industrial classf: Not reported
NAIC code description: Not reported
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification: POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE REGULATIONS OR LIMITATIONS.
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: Not reported
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: Not reported
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S&S X-RAY INC (Continued)

1000130817

Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S&S X-RAY INC (Continued)

1000130817

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1301
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1302
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1303
Air prog code hist file: Not reported

F17
WNW
1/4-1/2
0.450 mi.
2374 ft.

992 ESSEX STREET
BROOKLYN, NY
Site 1 of 3 in cluster F

NY RGA LF S114477547
N/A

Relative:
Higher

RGA LF:

Actual:
10 ft.

2006 ALLIED WASTE OF NEW YORK INC [992 ESSEX] 992 ESSEX STREET
2006 METROPOLITAN PAPER RECYCLING; INC. [992 ESSEX] 992 ESSEX STREET
2005 METROPOLITAN PAPER RECYCLING; INC. [992 ESSEX] 992 ESSEX STREET
2005 ALLIED WASTE OF NEW YORK INC [992 ESSEX] 992 ESSEX STREET
2004 ALLIED WASTE OF NEW YORK INC [992 ESSEX] 992 ESSEX STREET
2004 METROPOLITAN PAPER RECYCLING; INC. [992 ESSEX] 992 ESSEX STREET
1999 RUTIGLIANO PAPER STOCK, INC. 992 ESSEX STREET

F18
WNW
1/4-1/2
0.450 mi.
2374 ft.

ALLIED WASTE OF NEW YORK INC 992 ESSEX
992 ESSEX STREET
BROOKLYN, NY 11208
Site 2 of 3 in cluster F

NY SWRCY S106052515
N/A

Relative:
Higher

SWRCY:

Actual:
10 ft.

Region: 2
Facility Address 2: Not reported
Phone Number: 7182578584
Owner Type: Private
Owner Name: Gregory Bianco
Owner Address: 847 Shepherd Avenue
Owner Address 2: Not reported
Owner City,St,Zip: Brooklyn, NY 11208

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLIED WASTE OF NEW YORK INC 992 ESSEX (Continued)

S106052515

Owner Email: Not reported
Owner Phone: 7182578584
Contact Name: Glen Murray
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Email: GMurray@MPRNYC.com
Contact Phone: 7182578584
Activity Desc: RHRF - registration
Activity Number: [24MD5]
Active: Yes
East Coordinate: 595131
North Coordinate: 4501616
Accuracy Code: Not reported
Regulatory Status: Registration
Permit #: 24MD5
Auth. Date: Not reported
Expiration Date: Not reported
Waste Types: Commingled Paper;Paper/Cardboard;Glass;Plastics;Metals (Aluminum);Metals (Ferrous);Metals (Non-Ferrous)

Region: 2
Facility Address 2: Not reported
Phone Number: 7182570244
Owner Type: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: ROBERT BOUCHER
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: RHRF - registration
Activity Number: [24MD5]
Active: No
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: Not reported
Permit #: Not reported
Auth. Date: Not reported
Expiration Date: Not reported
Waste Types: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

19
 NW
 1/4-1/2
 0.453 mi.
 2391 ft.

Varsity Bus Co
626 Wortman Ave
Brooklyn, NY

RCRA NonGen / NLR
FINDS
NY LTANKS
NY MANIFEST
NY Spills
NY CBS

1000295632
 NYD095774758

Relative:
Higher

RCRA NonGen / NLR:

Actual:
13 ft.

Date form received by agency: 01/01/2007
 Facility name: VARSITY BUS CO
 Facility address: 626 WORTMAN AVE
 BROOKLYN, NY 11208
 EPA ID: NYD095774758
 Mailing address: WORTMAN AVE
 BROOKLYN, NY 11208
 Contact: ANTHONY R MULE
 Contact address: WORTMAN AVE
 BROOKLYN, NY 11208
 Contact country: US
 Contact telephone: (718) 995-4700
 Telephone ext.: 203
 Contact email: Not reported
 EPA Region: 02
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: GTJ CORP
 Owner/operator address: UNKNOWN
 UNKNOWN, NY 99999
 Owner/operator country: US
 Owner/operator telephone: (212) 555-1212
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 01/01/1975
 Owner/Op end date: Not reported

Owner/operator name: GTJ CORP
 Owner/operator address: UNKNOWN
 UNKNOWN, NY 99999
 Owner/operator country: US
 Owner/operator telephone: (212) 555-1212
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 01/01/1975
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Varsity Bus Co (Continued)

1000295632

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: VARSITY BUS CO
Classification: Not a generator, verified

Date form received by agency: 11/03/2003
Facility name: VARSITY BUS CO
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Facility name: VARSITY BUS CO
Site name: COMMAND BUS CO
Classification: Not a generator, verified

Date form received by agency: 02/28/1998
Facility name: VARSITY BUS CO
Site name: COMMAND BUS CO
Classification: Large Quantity Generator

Date form received by agency: 06/03/1987
Facility name: VARSITY BUS CO
Site name: COMMAND BUS CO
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110000876669

Environmental Interest/Information System

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

LTANKS:

Site ID: 189624
Spill Number/Closed Date: 9709326 / 11/12/1997
Spill Date: 11/11/1997
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: JBVOUGHT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Varsity Bus Co (Continued)

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Referred To: Not reported
Reported to Dept: 11/11/1997
CID: 266
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 11/11/1997
Spill Record Last Update: 6/2/2004
Spiller Name: Not reported
Spiller Company: COMMAND BUS COMPANY
Spiller Address: 626 WORTMAN AVENUE
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: (718) 272-0900
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 158252
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"CLEANED BY OIL COMPANY.06/02/04Transferred from Tibbe to Vought.
Remarks: SPILLER GAVE THE DRIVER THE WRONG READING. DRIVER SPILLED APPROXIMATELY 30 GALLONS BEFORE NOTICING THAT IT WAS OVERFLOWING. ONTO UNKNOWN SURFACE. BEING CLEANED UP.

Material:
Site ID: 189624
Operable Unit ID: 1055707
Operable Unit: 01
Material ID: 327679
Material Code: 0012A
Material Name: Kerosene
Case No.: Not reported
Material FA: Petroleum
Quantity: 30
Units: Gallons
Recovered: 30
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: 189623
Spill Number/Closed Date: 9211217 / Not Reported
Spill Date: 12/29/1992
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401

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MAP FINDINGS

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VARSAITY BUS CO (Continued)

1000295632

Investigator: aaobliga
Referred To: PUMP AND TREAT O&M
Reported to Dept: 12/29/1992
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 5
Date Entered In Computer: 1/7/1993
Spill Record Last Update: 8/1/2012
Spiller Name: Not reported
Spiller Company: COMMANDER BUS CO
Spiller Address: 626 WORTMAN AVENUE
Spiller City,St,Zip: BROOKLYN, NY 11208-
Spiller County: 001
Spiller Contact: ANTHONY MULE
Spiller Phone: (718) 995-4700
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 158252
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"05/29/04 Transferred from Tibbe To Rommel.08/24/2004 transferred from Rommel to J. Vought.9/26/05- file transferred from Vought to Obligado12/22/05 - Obligado - review UST closure report submitted by PW Grosser, August 2000. A total of 30 USTs and one AST removed as part of tank upgrade project. USTs were removed from various locations across the site. All results below in ppb.TANKS 1 - 26 AREA: Approximately 5829 gallons of groundwater/floating product was removed from excavation areas. Endpoint samples along the western boundary of the excavation indicate elevated SVOCs and VOCs (up to 1,176,000 total VOCs including 8700 benzene and 103,930 SVOCs). In the South, west and east of excavation high VOC concentrations, suggesting gasoline contamination (up to 1,432,000 total VOCs). "Because the tanks in this area were designated as diesel fuel storage tanks, it is not known where the floating product (gasoline) originated."TANK 27 AREA - Tank was designated as motor oil storage. Located near the dispensers. Impacts show elevated VOC concentrations (up to 72,070 total VOCs). Suggest gasoline was at one time stored and dispensed in this area. TANK 28, 28A, 29 AREA: - Significant SVOC and VOC concentrations. Endpoint samples indicate stained soil/landfill debris remain. (58,260 total VOCs and 42,460 SVOCs). TANK 30 AREA - "Relatively low SVOC concentrations" PWGC believes no further action is warranted in this area.PWGC recommends that a groundwater monitoring program be set up. At least one upgradient and two downgradient monitoring wells for each major area. Also recommends a receptor survey within quarter mile area.Called Frank Castellano at PWGrosser, (631) 589-6353. Property is owned by Paul Cooper who also owns Green Bus Lines. No additional work was done subsequent to UST excavations and upgrades. On 1/1/06, Green Bus Lines will be acquired by city (MTA?) , but property will still be owned by Cooper and MTA will be a tenant. Send due work letter with due date of 3/3/06 requiring deliniation to:Paul CooperGreen Bus Lines444 Merrick RdLinbrook, NY 115632/23/06 - Obligado - email from Frank Castellano. Requests extension. New deadline is 4/28/06.4/06 - Obligado - Spoke to Frank Castellano. Drilling has been pushed off. New drilling date

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is 4/26 and 4/27.6/26/06 - Obligado - Called Frank Castellano to inquire about Investigaiton report. Left message to call DEC.7/12/06 - Obligado - Spoke to Frank Castellano, he said I should be receiving the Investigation Summary report shortly.8/4/06 - Obligado - Investigation report submitted on 7/31/06. Called Frank Castelano, rescheduled meeting for 8/9/06.Review Montiorng Well Installation and Baseline Sampling Report.Spill called in as a result of tank tightness failure in 1992. Feb to April 1999 30 USTs removed, 2996 tons of petroleum-impacted soils and debris excavated, and 5016 gallons of floating product and impacted groundwater from excavations. In April, six monitoring wells were installed. Wells were 4" diameter set to 15 ft bgs. On May 19, 2006 samples were collected. Wells MWs 1,2,3,5,6 had product and were not sampled. Free product was bailed from each well. MW 1,2,3 Product is weathered brownish fluid with a gasoline and diesel odor. MW5,6 is golden-tan colored viscous oil with petroleum odor. GW direction could not be taken due to product thicknessess. Regional gw flow is to south towards jamaica bay. Free product samples were collected and showed from #1 Fuel Oil and Gasoline Mixture in MW3 and hydraulic fluid in MW5. LNAPL thicknesses:MW1 - 1.18 ftMW2 - 3.51 ftMW3 - 0.86 ftMW4 - NMMW5 - 4.75 ftMW6 - 1.01 ftGround water results for MW4 show ND for BTEX and MTBE. MW4 is the upgradient sample. Soil results show VOCS and/or SVOCs above SCOs in MW1, MW4, MW5, and MW6. Due to poor recovery, no soil samples were collected from MW2 and MW3. Recommendations - HI-VAc product recovery in MW1, MW2, MW3, MW5, and MW6 until product decreases to levels which can be hand bailed.Continued monitoring of LNAPL and sampling.Tightness testing of newly installed diesel fuel USTsUpgrade hydraulic lift equipment. Seal concrete trenches.Provide quarterly reports to the NYSDEC summarizing remedial, monitoring, and sampling activities.Obligado - Will discuss this site and how to proceed at meeting on 8/9/06. Will likely send Stipulation agreement.11/28/06 - Obligado - This site is one of 6 Cooper Bus Line sites with open spill numbers. A meeting was held between the DEC, PW Grosser, and Cooper Bus Lines on 8/9/06. They agreed to submit a Comprehensive Workplan for all 6 sites. A separate Stipulation agreement will be drafted for each site. A Comprehensive workplan was drafted which covers investigation procedures and schedule for all sites. I reviewed the Workplan in October 06 and required some modifications. I spoke to Kris Almskog today and he said the revised Workplan is complete and he will send it out today. 12/6/07 - Obligado - Approved comprehensive workplan. 2/2/07 - Obligado - STIP executed by Oliva.5/9/07 - Obligado - Spoke with Rafael Ketani, who informed me of a 1400 gallon spill (sp0701587) at the site on 5/8/07. Called Kris Almskog to get an update on the site. He said that additional wells were installed as per the workplan 2 weeks ago and they were in the process of being surveyed. He was not aware of the new spill, but he called Anthony Mule and was told that Frank Castellano in his office had been informed about the spill. He will call me back to get more information to me. See spill #0701587.5/24/07 - Obligado - PBS Violations hearing at which GTJ/Varsity Transit (Green Bus lines) and Sprague Energy (fuel delivery company) were present. 1400 gallons of diesel fuel were delivered to the secondary containment of a UST. The secondary containment failed and 1400 gallons entered subsurface directly. Both parties signed a consent order for the spill. As per the Compliance Schedule, VTJ/Varsity Transit must submit a expedited site assessment to me by May 30, 2007. Following completion of the

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expedited site assessment, a RAP will be submitted within 30 days. 5/31/07 - Obligado - Reviewed Investigation Summary Report and Work Plan, received via email on 5/30/07. Wells were installed on May 2, 2007, and sampled on May 9. 8 of the 11 wells had product. Investigation revealed 2 product plumes, one in vicinity of hydraulic lifts and one in vicinity of dispensers/tanks. Product analysis revealed a mixture of product beneath the site, including #1 and #2 fuel oil, composite motor oil, and gasoline. Thicknesses up to 4.53 ft in MW5. GW flow direction to southeast. Upgradient wells MW10 and MW4 clean or very minor impacts (6 ppb benzene). Down gradient well MW9 has 1146 ppb VOCs. VEFR IRM initiated May 17. A total of 150 gallons of product removed from all wells. Will continue twice monthly. An expedited workplan was included in the report. Proposes installing 6 initial 4" wells to delineate free product plume. If product is encountered in new wells, additional 4" wells will be installed 40-60 ft outward until all product is delineated. Also proposes 6 initial geoprobe gw sampling points and 48 hour laboratory turn around and additional geoprobe points based on laboratory results to delineate extent of dissolved plume. Sent email approval of plan with some modified boring location map with 4 additional well/geoprobe points. Required email summary of installation/geoprobes by next Friday June 8.6/7/07 - Obligado - Site visit. Met Derek Ersbak of PWGC Grosser onsite. Did a site walk through to look at planned boring locations. They were in the 2nd day of drilling. Yesterday they installed one well (MW18) have not gauged it yet for product. Hit refusal at MW12 at about 4 locations, there is a concrete layer at ~3 ft bgs at all locations, unknown what is below concrete. During my site visit they completed MW16 and were about to move to MW17. 6/19/07 - Obligado - Received email update from Andy Lockwood dated 6/15/07. Weekly update of delineation progress. 300 gallons of product and 300 gallons of oil/water mixture recovered. 3 of the 5 new wells (MW16, MW17, MW18) installed had significant product (1.11 to 3.58 ft thickness). A contour map was being prepared and would be emailed shortly. An additional well might be installed between MW11 and MW9. Sidwalk permits not received yet from NYSDOT, expect to receive them Tuesday. Called Andy Lockwood. He said they plan to return to the site on Thursday to continue drilling as permits should be in hand at that time. Also plan to do 2 additional onsite geoprobes east and north of GP7/8.6/20/07 - Obligado - Received email from Andy Lockword requesting change to Consent Order compliance schedule due to workplan already submitted and approved. Received a second email from Andy with a new contour map and stating that NYCDOT permits were obtained and drilling to resume on 6/21/07.6/24/07 - Obligado - Called Bruce Beck to get an update on the work that National was doing. Called his office and cell. Left message to call DEC. 7/10/07 - Obligado - Email from PW Grosser - "Attached is the latest summary of the data collected to date. The product plume is defined and aerial extent remains on-site. Dissolved phase results are supplied for each MW and Geoprobe location, western dissolved plume boundary defined by GP-5 and GP-6, northern dissolved plume delineated by wells MW-14, MW-10, MW-19, and MW-4, and directly south of the pump islands by GP-1 and GP-2. We do not anticipate any further delineation in these directions at this time. We have shown the proposed geoprobes east and southeast of the site to further delineate the dissolved phase plume in these directions (GP-10, 11, 12, 13, and 14). These geoprobes will be installed and sampled tomorrow." 8/2/07 - Obligado - Reviewed revised

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Scope of Work submitted by National on behalf of sprague energy. The plan proposed installation of 4 down gradient and 2 up gradient wells. Department required additionally 1 crossgradient well west of SP4 and recommended installation of 4" diameter wells. Bruce Beck replied that they think 2" wells would be more better at this time. 8/21/07 - Obligado - Site Assessment Report Submitted, documenting complete ground water delineation. 9/21/07 - Obligado - Received RAP deadline extension request. Approved extension from Monday 9/24 to Friday 9/28. 10/1/07 - Obligado - Received electronic RAP submission. 11/20/07 - Obligado - Complete review of RAP. The RAP proposes installation of a LNAPL recovery system. The design will consist of a linear trench which along the downgradient edge of the LNAPL plume. The proposed trench is aligned perpendicular to the ground water flow direction. The trench will be 13 ft deep and 3 ft wide and the lower most 5 feet will be gravel. The trench will have 3 product recovery wells, which will be used to skim product. Pumping wells will be placed immediately downgradient of the product skimmer wells to lower the water table and promote LNAPL migration towards wells. They estimate lowering the water table ~3 FT. GW pump well will be installed at depth of 66 ft bgs. The estimated flow rate is 30 gallons per minute. Treated water will be discharged to NYC sewer. They also included a summary of the hydraulic line inspections and cleaning. During this inspection, the apparent source of a majority of the spill was found. Hydraulic pit #6 was found to have holes in the bottom (as part of original design) to allow drainage. This pit #6 corresponds with the location of the maximum product thickness on the contour map. Another source of contamination was found in the piping line T1. This piping is located inside a subgrade (but mostly exposed) trench. A large portion of the trench was unlined and contaminated soil was found at the bottom. The summary also proposed a list of action items for repairs of the systems. I Emailed a RAP Approval letter to Andy Lockwood and cc to Anthony Mule. I approved the RAP with the following modifications: Tightness Testing: Subsequent to completion of all the recommended corrective actions listed in Appendix A, and prior to Remedial System Start-up, each hydraulic lift system will be tightness tested to ensure system components (pits, piping, and tanks) are not leaking. Hydraulic lift systems which fail the tightness testing will be taken out of service until they are able to test tight. A work plan and schedule for the testing of the hydraulic systems will be submitted to the Department. PE Certified Designs: Final design drawings will be certified by a Professional Engineer. Recovery System Effectiveness: The site investigation has shown that the majority of the product plume is located beneath the footprint of the bus repair garage. A large portion of this plume area is outside the estimated radius of influence of the system. If periodic product thickness monitoring shows that the recovery system as designed is not effectively able to draw product from underneath the building towards the recovery trench, the Department may require additional adjustments to the system to increase product recovery, including, but not limited to, the installation of additional extraction wells and trenching within the garage footprint. Schedule - A RAP Addendum will be submitted to the Department by January 15, 2008 for review and approval. The RAP Addendum will include the Final Design Drawings and O&M Plan, documentation of the additional hydrogeologic field testing performed, and a work plan for the hydraulic lift system tightness testing. Remedial System Start-up will occur within 6 months of

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Department approval of the RAP Addendum. 12/14/07 - Obligado - Conference call with PW Grosser and GTJ/Varsity Transit. We discussed the issue of hydraulic line testing. They said that the hydraulic lines are constantly under pressure, so if they leak, they would know because the lifts would not work. They also said that they are planning on replacing all the lifts with "environmentally safer" lift systems. I told them I wanted assurance that the lift systems are not leaking and will not leak. This assurance can either be via testing or replacement. We also discussed the issue of the damaged tank. They wanted Sprague to replace the tank. They said it would be feasible and they would submit a letter stating such. I said I would review this information in conjunction with the information submitted by Sprague before I approve the RAP submitted by Sprague. So they will submit 1) plan and schedule for hydraulic system line replacement 2) feasibility report for tank removal. 1/9/08 - Obligado - Received RAP Addendum extension request until the 25th. I approved the request. 2/15/08 - Obligado - Completed review of the RAP Addendum with the design documents and monitoring plan. Sent approval of the plan with addition requirements of 1) obtain Long Island Well Permit 2) obtain any applicable NYC sewer discharge permits and if discharge is to storm drain than a NYSDEC permit may be required, 3) Air Stripper discharge limitations according to STIP guidance should be met. Required weekly email reports of system installation. 10/20/08 - Obligado - Portfolio meeting with GTJ, PW Grosser, DEC. Discussed all Cooper bus sites. For Wortman in particular, items discussed: Discussed status of TFM-UST- UST closed-in-place, PBS updated, Sprague continuing VEFR of wells, Install upgradient monitoring wells 11/14/08 - Obligado - Received Investigation work plan. 12/4/08 - Obligado - Approved work plan after minor adjustment of one well location. 4/21/09 - Obligado - Meeting with Cooper Bus and PW Grosser. From meeting minutes they will: 1. Continue monthly monitoring of 27 wells of the monitoring well network. 2. Sample monitoring wells on a quarterly basis for VOC (STARS list) analysis and wells associated with the Sprague spill for VOC (STARS list) and SVOC (STARS list) analysis. 3. Preparation and submittal of a quarterly status report by June 10, 2009, documenting field observations, activities, sample analysis, results, and recommendations to the NYSDEC. 4. Complete remedial system installation following receipt of AST in mid May and start-up system. Update system O&M Manual following start up. 6/26/09 - Obligado - Review 2nd Quarter update report. Over 5 ft of product in MW-1. They recommended continued monitoring, discontinue of VEFR due to pending start up, and start-up and operate LNAPL recovery system. Final system start up to occur in June. 7 of the 10 hydraulic lifts have been replaced with above ground electric lifts. 3 remaining lifts will be taken out of service. 10/6/09 - Obligado - Email from Dave Hermantian of PW Grosser. The system start up is scheduled for 10/6/09. 10/19/09 - Obligado - Email from Hermantian. There was a glitch in the system during startup. They will make repairs and attempt to restart. 11/10/09 - Obligado - Email from Kris Almskog. The system is up and running and they collected system effluent samples. Sample results were below STIP discharge limits. 11/30/09 - Obligado - Email from Hermantian. To date the system has recovered 1200 gallons of free product. Additionally, the system needs to be temporarily shut down because of repairs to the building which require shutting down the electrical system. 12/9/09 - Obligado - I called Anthony Mule to discuss the status of the building repairs and the system. He said the contractors are still working on the building

Varsity Bus Co (Continued)

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and due to safety concerns they needed to shut down the system. He said progress on the building repairs is dependent on the weather so he could not give me an exact date but that he expects them to be completed within 2 weeks. 1/12/10 - Obligado - I performed a system walk through with Dave Hermantin, James Mulvey, and Anthony Mule. The system has been restarted and is operating. Dave is currently trying to optimize the system performance and was considering modifying the pumping rates to optimize recovery. I told him that the DEC had no problem with adjusting flow rates as long as he remained within the LI well permitted pumping rates. 3/10/10 - Obligado - I reviewed the Quarterly Monitoring Report, dated January 2010. Approximately 2,331,000 gallons of liquid have been treated and 1185 gallons of product have been removed. On 11/5/09, 985 gallons of product have been removed from the recovery tank and disposed of at Safety-Kleen Systems Inc., of Bridgeport CT. I emailed James Mulvey and requested more detailed information about the system performance. I also required that the system influent/effluent sample results be included in the reports. 4/29/10 - Obligado - We had a meeting with GTJ, PW Grosser, and DEC representatives. 4000 gallons of product have been removed to date. They are having iron fouling problems in the system and may propose modifications. DEC required increased frequency of system sampling to monthly from quarterly. 6/24/10 - Obligado - I reviewed the Quarterly Monitoring report dated May 2010. According to the report, 3.75 million gallons of water have been removed and treated as of March. 4,100 gallons of free product have been recovered. The system influent/effluent results from May 2010 were submitted as a separate laboratory report. The effluent results complied with discharge limits for discharge to ground water. However, no pumping rate was submitted or detailed system performance was submitted as previously requested. I sent an email to James Mulvey notifying him that the system was apparently not sampled during the 1st quarter 2010, which is a violation of the Stipulation Agreement. I also notified him that the system monitoring report contained insufficient information. I required all pumping logs and monthly monitoring sheets to date be submitted by the end of the month. I also required submission of a report within 30 days clearly documenting system operation and performance to date. If changes to the system are proposed, the report should contain proposed design changes. 7/7/10 - Obligado - Kris Almskog submitted an email with the system information, and a table showing effluent testing results. Documents confirm no compliance testing was performed during the 1st quarter 2010. I referred this violation to legal. 4/20/11 - Obligado - I reviewed the 1st quarter 2011 monitoring report. During the first quarter 2011, approximately 132 gallons of LNAPL were recovered from the recovery trench and pumped into the LNAPL recovery tank. To date, a total of 6,404 gallons of LNAPL has been removed from the recovery tanks for offsite recycling. The stripper influent/effluent was within the stipulation limits. The system is currently running product recovery only due to diffusion well clogging. 8/22/11 - Obligado - I reviewed the 2nd Quarter 2011 monitoring report. The ground water recovery is off-line because they need to install 6 new diffusion wells. Product recovery via system is ongoing. The system went down on 2 occasions. PWG also using spill busters to recover product from wells. To date, 6,404 gallons of product have been removed and 13 million gallons of water has been treated. Air stripper influent concentrations within STIP limits. Effluent concentrations below limits as well. 10/3/11 - Obligado - I received a

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call from James Mulvey of PW Grosser. According to James, there was a slight exceedence on the effluent water discharge, with benzene reading 1.4 ug/L over the limit of 1.0 ug/L. They adjusted the system to bring effluent back down under 1.0 ug/L. They think it was a mainanence issue with the stripper trays and they are making repairs. The quarterly report will document the sampling and repairs.8/1/12 - Obligado - I reviewed the OMM Report for 2nd Quarter 2012. To date, a total of 7,734 gallons of LNAPL has been removed from the LNAPL by the pump and treat system. On May 8, 2012 - The groundwater system was shut off due to increased concentrations of benzene in the influent samples. The 20 foot effluent air discharge stack was replaced with a 30 foot effluent air discharge stack and the system was restarted on July 17, 2012. The totalvolume of groundwater treated from system start-up through May 8, 2012 was 27,000,000 gallons and the total estimated mass of removed VOCs was 46.79 lbs. System OMM will continue.

Remarks: FIRST TANK (2X3000G TANKS MANFOLDED) 2ST LEAKED AT 336, SECOND GROSS LEAK-TANK AUDITOR METHOD. EXCAVATE ISOLATE & RETEST.ANTHONY WANTS A CALL BACK

Material:

Site ID: 189623
Operable Unit ID: 978166
Operable Unit: 01
Material ID: 404634
Material Code: 0012A
Material Name: Kerosene
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: 189623
Spill Tank Test: 1541008
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

NY MANIFEST:

EPA ID: NYD095774758
Country: USA
Mailing Name: COMMAND BUS CO
Mailing Contact: ED TALBOT
Mailing Address: 626 WORTMAN AVE
Mailing Address 2: Not reported
Mailing City: BROOKLYN

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EPA ID Number

VARSITY BUS CO (Continued)

1000295632

Mailing State: NY
Mailing Zip: 11202
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-272-0900

Document ID: NYG0211158
Manifest Status: Completed copy
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 970725
Trans1 Recv Date: 970725
Trans2 Recv Date: Not reported
TSD Site Recv Date: 970725
Part A Recv Date: 970818
Part B Recv Date: 970813
Generator EPA ID: NYD095774758
Trans1 EPA ID: NYR000038000
Trans2 EPA ID: Not reported
TSD ID: NYD082785429
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 09000
Units: P - Pounds
Number of Containers: 018
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 97

SPILLS:

Facility ID: 0701587
DER Facility ID: 158252
Facility Type: ER
Site ID: 381131
DEC Region: 2
Spill Date: 5/8/2007
Spill Number/Closed Date: 0701587 / 1/18/2012
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401
Investigator: aaobliga
Referred To: CLOSURE REQUEST
Reported to Dept: 5/8/2007
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 5/8/2007
Spill Record Last Update: 1/18/2012

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Spiller Name: ANTHONY MULE
Spiller Company: VARSITY BUS COMPANY
Spiller Address: 626 WORTMAN AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 999
Contact Name: ANTHONY MULE
Contact Phone: (917) 270-5428
DEC Memo: 5/8/07 - Steve Sangesland. Mr Minchella of Sprage Energy says that his driver was directed to a wrong fill port and pumped 1400 gal of diesel into an "Out Of Service" tank which may have been broken. Fenley & Nicol is on site looking for the missing fuel Ketani went to a site visitRaphael Ketani. I met Anthony Mule (917) 270-5428, Purchaser/Manager of Varsity Bus Co. at the site. He showed me where the oil had been pumped. He pointed to the location of a 2500 gal. tank that was in a cluster of 4 tanks in front of and to the side of the bus fueling location off of Montauk Avenue. I saw a square yellow painted steel cover for the fill port. He said that the tank was fine. We went to his office and he showed me the veedaroot printout for the tank. The printout looked alright, but I couldn't tell if it was showing the 1400 gals. that was delivered overnight. Mr. Mule said that his veedaroot had been calibrated this morning and a stick test was done. He said that both the stick measurement and the instrument measurement were in good agreement. Mr. Mule added that he has been dealing with Andre Obligado of Unit B of Region 2 DER for his bus company.I was about to leave the site when I called up Raymond Minchella (cell (516) 250-8864), general manager of Sprague Energy, regarding the delivery. He said that his fleet manager, John Altieri (516) 622-7009 was on site. I walked back to the tank location and met Mr. Altieri. Though he was standing at the tank location the first time I went to see the site, he hadn't approached me or introduced himself and Mr. Mule hadn't introduced him to me either. Mr. Altieri pointed to where the oil had been pumped. This was a locked port next to the port for the veedaroot sensor for the secondary containment. Both ports were covered with a round steel plate. I asked Mr. Mule and Mr. Altieri how the driver could have taken off the locked cover and pumped the oil. They said the lock can be "jimmied off." Mr. Altieri said that this port leads to the secondary containment. Mr. Mule said that Fenley & Nicol (631) 586-4900 will test the secondary thursday at the latest. I went back to my truck and called up the acting Chief of the Spill Prevention Unit, Jake Krimgold. I told him that the secondary and primary testing would take place no later than this thursday. He said that was no good and to have it done today or tomorrow morning. I met Mr. Mule again and told him that the testing had to be today or tomorrow morning. He called up Fenley & Nicol and they agreed to come over the morning of 5/9/07.5/9/07 - Raphael Ketani. I contacted Mike Sepe of Fenley & Nicol (516) 818-8767 who was the on site tester. He said that they tested the secondary and there was a gross failure. However, his tape indicated there was only water in the secondary. He said they were in the process of testing the tank itself. I called up Mr. Mule and told him that an investigation will have to be done to find the oil and recover it, and that the contaminated soil will have to be removed and the tank repaired or replaced. He said he understood and would do this. Next, I called up Mr. Krimgold and told him about the situation. He said that he will make a site inspection this morning. The PBS case is #2-479144. Thirty five tanks are listed as closed and removed. There are 10 tanks in service. Various

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Varsity Bus Co (Continued)

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products are contained. The tank in question is #4, 2500 gal. with diesel fuel. Later, I spoke with Andrew Obligado, E.G. I Unit B Region 2 DER. He is the project manager for a spill case, #9211217, involving a very large spill under the site. He said he doesn't know how many gallons are in the ground, but there is free product in many of the wells. He said the site is under a STIP agreement. At 2:30PM, Mr. Obligado, Mr. Krimgold and myself had a short impromptu meeting regarding the site. Mr. Obligado said that the tank farm was removed in 1999 and the 4 large tanks were installed. He said that wells were installed within the footprint of the site (he showed us a map). One well was some distance to the south of the tank cluster. Mr. Krimgold told me to send a CSL and not to submit a Request for Investigation to the ECOs for fines. I submitted a draft CSL to Mr. Krimgold for his approval. 5/15/07 - Raphael Ketani. He said to send it out, and so I did. 5/17/07 - Raphael Ketani. Today I received the following e-mail from Bruce Beck of National Environmental Management Associates: Raphael, Attached please find a scope of work to install 3-4 wells around the tankmat at the TFM Paratransit/Varsity Bus Facility as an interim remedial measure. We feel we if we can immediately start to recover lost product, via Vacuum Enhanced Fluid Recovery, we can limit the extent of the plume. Please review the attached Scope of work and comment ASAP. As time is critical we would like to complete this soon. This Scope of Work will not of course preclude a comprehensive investigation. We would like to get this interim measure active and then submit a comprehensive investigation workplan for your review. Should you have any questions, please feel free to call me. Thank you, Bruce Beck National Environmental Management Associates Corp. 59-18 Central Avenue Farmingdale, New York 11735 Phone: 631-843-9020 x 3005/18/07 - Raphael Ketani. I reviewed the Interim Workplan. The work plan consisted of installing 3 wells along the west side of the tank area and 2 along the south side. Wells will not be installed to the north and east at this time due to the presence of an oil/water separator and feed and vent tank lines. Soil and water samples will be collected. The plan was found to be acceptable. I e-mailed Mr. Beck and told him to begin the work. 5/24/07 - Raphael Ketani. A meeting was held today between the below listed people to resolve the oil spill violations. Timothy Kipp, Manager of Safety for Sprague Energy Corp. Mr. Munchello, Fleet Manager for Sprague Michael Rabus, Sprague's attorney Anthony Mule, Director of Purchasing, GTJ Co., Inc. (Varsity Bus) Dennis Connor, GTJ's attorney DEC's senior attorney from DEE, Albany Benjamin Conlon, associate attorney DEE, Albany Jacob Krimgold, EE II Spills Unit Region 2I took rough meeting notes and left them in the paper file. The essence of the meeting was an agreement between Sprague, Varsity Bus, and DEC that the affected tank will be kept in place, cleaned out of residual product, and an extraction well will be installed through the bottom of the tank in order to extract the product. Mr. Conlon wrote up 2 Orders on Consent for the site. One was for Sprague Energy and the other was for Varsity Bus (GTJ). Both required the immediate resolution of the oil spill and the quick beginning of work to construct an extraction well through the bottom of the affected tank, with oil collection to begin immediately. 5/25/07 - Raphael Ketani. Bruce Beck of National Environmental Management Associates (631) 843-9020, ext 300 called this morning. He said that the well construction could not take place today as there is no separate manway into the tank. He said that the only available entrance has a fuel pump with wires and piping installed in it. He

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said that there is no crew available right now (it's the afternoon before the Memorial Day weekend) to remove the equipment. I told him that it would be alright if the equipment removal was postponed until Tuesday, 5/29/07. However, I told him that the equipment removal, tank cleaning and well installation will all have to be done that Tuesday. He said he would get everything done. 5/29/07 - Raphael Ketani. Bruce Beck sent me the following e-mail this morning. Raphael, As you are well aware we are mobilizing this morning to the Varsity Bus Site to gain access to the 2500 gallon ruptured UST. This activity will require removal of the submersible pump and all associated piping on the man way access cover. Once that is completed we had planned to evacuate the tank of vapors, enter the tank and attempt to core through the tank to determine if product is present. In giving this a second thought with my client we have decided that, given the high water table it is very possible that groundwater will enter the tank. This of course will make the eventual removal of the tank very difficult. We would like to suggest at this time that we not core through the tank but begin procedures to remove the tank and excavate contaminated soils. This process will also allow us to remove part of the bottom slab and observe the soils below. I suggest we talk about this as soon as possible this morning. Bruce Beck National Environmental Management Associates Corp. 59-18 Central Avenue Farmingdale, New York 11735 Phone: 631-843-9020 x 3001 contacted Mr. Beck (cell 631) 236-3871 and he said they wanted to remove the tank, rather than leave it in place, as it would be very difficult to collect all of the oil as the contaminated soil and pea gravel would still be in the ground. He added that if they puncture the bottom of the tank and the water starts coming in, then it will be difficult to safely pull out the tank. He said they would put in permanent shoring to protect the 3 remaining tanks. I asked him how quickly the tank removal can take place. He said he had a contractor that will do the job as early as next week. I told him DEC will not accept such a late start as the oil has already been in the ground for almost a month now. I told him to get things started much sooner. He said that he had a crew out there right now that is removing the pump, wires and piping from the tank. I told him that was fine, but the rest of the process has to start now. He said he will talk to the contractor. He said that his client was ready to start the cleanup immediately. I called Mr. Beck back at 10:30AM and asked him whether he had made any progress in getting the tank pulled today. He said that he has talked to the contractor and he will get back to me in a couple of hours. He added that if he can't pull the tank very soon, then he will just go ahead with the original plan of drilling through the bottom of the tank. Mr. Beck e-mailed me at 1:15PM with a new plan. The e-mail is below: Raphael, In speaking to our contractor and engineer we will need plans, drawings and permits from the NYC Fire Department and the NYC Building Department before we can cut into the tank mat. Apparently this is due to the fact we have three other active tanks in the same bed. We will be starting this process, however it will take 3-4 weeks before we will have permits and we can remove the tank. We have determined the tank bottom is within 6-8 inches of the current groundwater depth. Not only does this pose a precarious position for our contractor to drill a hole in the tank bottom but we also feel this may hinder the eventual removal of the tank, and at best, help to remove minimal product. Rather than drilling the hole in the tank bottom, our proposed scope of work is to install 3-4 additional wells around the tank bed. Specifically at least 2-3 wells

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to the north right next to the 2500gallon tank (right outside the tank bed), one more to the west and one more to the south. We would then place a vacuum on these wells twice weekly to recover product and help equilibrate the spread of product. We feel this option is best due to the fact that any product released from the tank would not 'puddle' on top of the bottom tank mat but rather flow over the edges. With this in mind we feel strongly that we will have a better chance of product recovery with wells outside the tank bed. The wells can be installed this week with vacuum beginning immediately and continuing twice weekly until we are prepared to remove the tank. Again we only feel this will be an interim remedial method for recovery of product and aid in holding the further spread of product. I will be available to discuss with you today if you would like. I e-mailed Mr. Beck back and told him that groundwater flow was to the south and so any wells to the north will probably not recover much. I suggested concentrating on pumping from the south. I also told him to install the wells quickly and pump frequently and collect as much as he can. Mr. Krimgold, E.E. II Spills Unit, also thought Mr. Beck's latest plan was a good idea. Mr. Beck e-mailed me back at 1:43PM: Rafiel, Yes I agree with installing wells to the south which we will do in addition to the northern wells. I feel the northern end of the tank bed may have been the first to be affected hence putting wells there. We will keep you up to date weekly as we progress with the well installations, product recovery and the UST removal permit process. Additionally we will be forwarding to you an Investigation Scope of Work this week for your review and approval. 5/31/07 - Raphael Ketani. I called Mr. Beck on his cell (631) 236-3871 to find out what was happening at the site. He said that they installed 3 wells already, 2 on the west side and 1 on the south side. The wells show from 1" to 3" of product. The fence around the tank mat will come down tomorrow and the other wells will be put in Monday. There will be 2 more on the south side, 3 to the north right next to the tank, and 1 to the west. This will make a total of 3 wells per side, except for the east side where no wells could be put in. This was due to the presence of various utility lines. National Environmental will then VEFR the wells 2X per week. The tank will be pulled in 3 weeks. 6/12/07 - Raphael Ketani. While I was on vacation, I received a work plan for the site dated 6/8/07 from Bruce Beck of National Environmental Management Associates Corp. I reviewed the plan and found it to be acceptable with only one comment. I e-mailed Mr. Beck that the samples have to be tested via either method 8021 + MTBE or 8260B, and method 8270C. I tried to reach Mr. Beck via his cell phone, but could only leave a message. 6/13/07 - Raphael Ketani. I reached Mr. Beck. He said that all 9 wells have been installed. Initially, there were 2 inches of product in one well. The first round/attempt at product recovery didn't produce much product. However, they have installed a vacuum on the wells and now one well has 3 feet of product and the product recovery is very good. Six (6) wells are presently showing product. Recovery is best with the wells on the north side which are close to the tank. They are VEFR twice a week and will do more if recovery remains good. DEC will be sent the gauging results for the first two rounds of collection. Geoprobings will take place in a week or two. He will meet with Varsity Transit to discuss the well array that was previously established and other issues. I had a meeting with Randall Austin, Chief Spill Prevention and Response Unit Region 2. I was instructed to change the case manager to Andre Obligado of Unit B, DER Region 2, and to transfer the case to him. Mr. Obligado is presently managing

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another spill case, #9211217, for the site which is much more involved. Based upon Mr. Austin's instructions, I am transferring the spill case. 6/20/07 - Obligado - This case has been transferred to me as per instructions from Brevdo. I called Bruce Beck to get an update on the site status. 6/28/07 - Obligado - Phone call from Bruce Beck. Total of 6 wells installed. 2 of the six wells have between 3.5 to 4.5 ft of product. They are VEFring twice per week. 6 wells have been installed around the tank mat. He will send me a revised work plan. He no longer wants to geoprobe, but rather install permanent wells to better delineate product. He said they still have not removed the tank. He is working with an engineer to develop the best way to remove the tank without damaging the other tanks. 7/31/07 - Bruce Beck submits Scope of Work for additional delineation. Proposed the installation of 6 additional wells. 8/2/07 - Obligado - Approved a revised scope of work for delineation. 8/2/07 - Obligado - Reviewed revised Scope of Work submitted by National on behalf of Sprague energy. The plan proposed installation of 4 down gradient and 2 up gradient wells. Department required additionally 1 crossgradient well west of SP4 and recommended installation of 4" diameter wells. Bruce Beck replied that they think 2" wells would be more better at this time. 10/1/07 - Obligado - I emailed Bruce Beck to inquire what is the progress of Sprague's investigation, as it has been now almost 2 months since I approved the plan. 10/10/07 - Obligado - Did not receive any response from Bruce Beck from above email. I Spoke to John Altieri, and I told him that I have not received any documentation that the work has been performed as per the plan I approved in August. He said he will have someone call me right away. I also spoke with Anthony Mule of Varsity Transit and he said to his knowledge the damaged tank has not been removed and the additional wells have not been installed. 10/10/07 - Obligado - I spoke to Bruce Beck. He said he was having difficulty installing wells due to a subsurface high pressure gas line that is in the area. He said he plans to meet with a Keyspan rep on site to locate the line and install the wells on Tuesday October 6. He said he could submit a report by Mid November. I told him that was too late and I wanted a report by the end of the month. I also told him they need to do something about the damaged UST. I followed up the phone conversation with the following email to Bruce, cc to Joe Sun, John Altieri (Sprague), Anthony Mule (Varsity), and Jacob Krimgold (due to PBS issues) "Bruce, As discussed in our telephone conversation, Sprague Energy and National Environmental have fallen behind in implementing the Compliance plan which was part of the Consent Order for the above spill number. The Department approved a revised work plan on August 2, 2007 for the delineation of the spill and to date no additional wells have been installed. Additionally, the UST that was damaged during the spill event has not been addressed and is out of compliance with PBS regulations. As such, a report must be submitted to the Department by the end of the month, October 31, 2007, which will include the following: 1) Documentation of the complete delineation of the 1400 gallon diesel spill. 2) Documentation of ongoing product recovery activity. 3) Remediation Plan for the damaged UST and for the diesel spill. Please be advised that in the event that the Respondent fails to fully comply with the requirements of the Consent Order in a timely fashion, the Respondent is subject to penalties of up to \$37,500 per day pursuant to ECL 71-1929, and penalties of up to \$25,000 per day pursuant to the Navigation Law." 11/28/07 - Obligado - Sent comment email to Bruce Beck requiring

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1)revise Table 1 to fix typos, 2) fluid level measurements for all wells, 3)VEFR frequency, 4)liquid disposal manifests, 5)product fingerprints from Sprague wells. Required submission of addendum letter within 14 days.1/23/08 - Obligado - Email from Bruce Beck with VEFR event summary table on excel. He will submit a quarterly report shortly with gw sampling and fingerprint analysis. During the most recent VEFR event, the max product thickness was 0.05 ft.7/3/09 - Obligado - Review 1st Quarter 2009 Monitoring Report LNAPL was present in most of the wells. During last VEFR event - 1/23/09, no product was present in recovery wells VES-1 through VES-6. A total of 22,594 gallons of liquied has been removed to date. During January 2009 monitoring event, product present in SMW1through SMW5, ranging from Trace to 0.3 ft in SMW3. SMW6 was not accessible. Recommends bimonthly VEFR events due to decreasing product.8/14/09 - Obligado - Review 2nd Quarter 2009 monitoring report. Free product thicknesses in VES wells decreased to as little as 0.01 ft. Free product is present in other sprague wells up to 3.24 ft. Recommends continuing VEFR events.12/18/09 - Obligado - Had meeting with DEC Tibbe, National Bruce Beck, and Peter Hughes of Sprague in attendance. Discuss the current site status. According to National presence of significant product thicknessess in wells on site which are not related to there spill. Bruce Beck requested to reduce the VEFR frequency to monthly. DEC verbally approves this requests. DEC will reevaluate the site once the remedial system installed by PW GROSSER is operating to see if it is affecting the UST area. Bruce will look into the product at SMW-6 to see if it is fresh.4/14/10 - Obligado - I called Bruce to follow up and see if they made any observations regarding the product in SMW-6.1/18/12 - Obligado - I reviewed a May 19, 2011 closure request and an August 29, 2011 Closure request both submitted by National on behalf of Sprague. Product levels in VES wells around the diesel tank have diminished greatly since the remedial action was implemented in 2007. During the last two gauging rounds measurable free product was not detected in VES wells. Wells with greatest free product SMW1 and SMW6 were attributable to an older release. Spill #0701587 is closed. Any residual contamination to be remediated under spill number 9211217.

Remarks:

CALLER STATES THAT SOMEONE POINTED TO THE FILL PIPE TO FILLAND NOONE CAN FIND THE PRODUCT. ON SCENE INVESTIGATING:

Material:

Site ID: 381131
Operable Unit ID: 1138598
Operable Unit: 01
Material ID: 2128592
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 1400
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

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Facility ID: 0601757
DER Facility ID: 158252
Facility Type: ER
Site ID: 364060
DEC Region: 2
Spill Date: 5/17/2006
Spill Number/Closed Date: 0601757 / 5/22/2006
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401
Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 5/17/2006
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 5/17/2006
Spill Record Last Update: 5/9/2007
Spiller Name: ANTHONY MULE
Spiller Company: TFM VARSITY BUS CO
Spiller Address: 626 WORTMAN AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: ANTHONY MULE
Contact Phone: (718) 257-8000 302
DEC Memo: 05/22/06-Hiralkumar Patel. DEC Sangesland spoke to Anthony Mule at Varsity Bus Co. site has one diesel tank in secondary containment. there is sline water between tank and secondary container and has alarm. alarm on tank went off. Fenley & Nicol inspected site. DEC Krimgold received call from bus company. he explained that some are using sline water as leak detection system. water is filled to top between tank and secondary container and has alarm on top of container. if level of water increase or decrease due to leak in fuel tank or leak in secondary contaier, alarm goes off. as per person from bus company, they check and water was stable after couple of inches, so they assuming leak in top portion of secondary container. will investigate and repair it.Left message for Anthony. Received call from Anthony and they are fixing the it. no leakage in diesel tank.case closed.

Remarks: SECONDARY FAILED

Material:

Tank Test:

Facility ID: 0712486
DER Facility ID: 343676
Facility Type: ER

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Site ID: 394106
DEC Region: 2
Spill Date: 2/27/2008
Spill Number/Closed Date: 0712486 / 3/11/2008
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 2401
Investigator: hrpatel
Referred To: Not reported
Reported to Dept: 2/27/2008
CID: 444
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2/27/2008
Spill Record Last Update: 3/11/2008
Spiller Name: ANTHONY MULA
Spiller Company: GTJ
Spiller Address: 626 WORTMAN AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: ANTHONY MULA
Contact Phone: (917) 270-5428
DEC Memo: waste oil tank overflowed and poured out approx 30-50 gal onto cement/asphalt driveway area of a bus repair shop. Workers saw the spill and laid out absorbant pad around the tank to contain it. "Safety Kleen" is the company that normally drains the waste oil and they came, sucked out the rest of the tank and called Miller Environmental to do the cleanup. Miller is currently working on the cleanup. No soil or drains were impacted. Miller will prepare a closure report for the DEC. 03/11/08-Hiralkumar Patel. received email from Mr. Walsh. he mentioned that about 40-50 gal oil spilled onto at 40 ft & 50 ft asphalt/concrete area surrounding the tank. no storm drain involved. all cleaned up. Ken Walsh Asst. Manager LI/Metro Operations Miller Environmental Group, Inc. Ph. (516) 876-7940 ext. 316 Fax (516) 876-7946 email: kwalsh@millerenv.com case closed.

Remarks: SPILLED OUT OVER BRIM, IN PROCESS OF CLEANING UP: NO DRAINS EFFECTED ETC. HAS BEEN CONTAINED AND CLEAN UP CO ENROUTE

Material:
Site ID: 394106
Operable Unit ID: 1151050
Operable Unit: 01
Material ID: 2141713
Material Code: 0022
Material Name: Waste Oil/Used Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 30
Units: Gallons
Recovered: No

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Resource Affected: Not reported
Oxygenate: False

Tank Test:

CBS:

CBS Number: 2-000491
Program Type: CBS
Facility Status: Active
Expiration Date: 2014/03/29
Dec Region: 2
UTMX: 595423.72572999
UTMY: 4501940.32283

F20
WNW
1/4-1/2
0.470 mi.
2480 ft.

978 ESSEX STREET
BROOKLYN, NY
Site 3 of 3 in cluster F

NY SWF/LF S105841890
NY SWRCY N/A
NY RGA LF

Relative:
Higher

SWF/LF:

Flag: INACTIVE
Region Code: 2
Phone Number: 7182570244
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: JOHN DINAPOLI
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: C&D processing - registration
Activity Number: [24WD6]
Active: No
East Coordinate: 595111
North Coordinate: 4501649
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

Actual:
9 ft.

Flag: INACTIVE
Region Code: 2
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported

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S105841890

Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Gregory Bianco; President
Contact Address: 847 Shepherd Avenue
Contact Addr2: Not reported
Contact City,St,Zip: Brooklyn, NY
Contact Email: Not reported
Contact Phone: 7182578584
Activity Desc: C&D processing - registration
Activity Number: [24WD6]
Active: No
East Coordinate: 595111
North Coordinate: 4501649
Accuracy Code: Not reported
Regulatory Status: Registration
Waste Type: Asphalt;Brick;Concrete;Rock;Soil (Clean);Wood (Clean)
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

SWRCY:

Region: 2
Facility Address 2: Not reported
Phone Number: 7182578584
Owner Type: Private
Owner Name: Gregory Bianco
Owner Address: 847 Shepherd Avenue
Owner Address 2: Not reported
Owner City,St,Zip: Brooklyn, NY 11208
Owner Email: Not reported
Owner Phone: 7182578584
Contact Name: Glen Murray
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Email: GMurray@MPRNYC.com
Contact Phone: 7182578584
Activity Desc: RHRF - registration
Activity Number: [24MD6]
Active: Yes
East Coordinate: 595111
North Coordinate: 4501649
Accuracy Code: 4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status: Not reported
Permit #: 24MD6
Auth. Date: Not reported
Expiration Date: Not reported
Waste Types: Commingled Paper;Glass;Plastics;Metals (Ferrous);Metals (Aluminum);Metals (Non-Ferrous)

RGA LF:

2012 ALLIED WASTE OF NEW YORK [978 ESSEX] 978 ESSEX STREET
2012 METROPOLITAN PAPER RECYCLING; INC. [978 ESSEX] 978 ESSEX STREET
2011 METROPOLITAN PAPER RECYCLING; INC. [978 ESSEX] 978 ESSEX

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 2007 ALLIED WASTE OF NEW YORK [978 ESSEX] 978 ESSEX STREET
 2006 ALLIED WASTE OF NEW YORK [978 ESSEX] 978 ESSEX STREET
 2006 METROPOLITAN PAPER RECYCLING; INC. [978 ESSEX] 978 ESSEX STREET
 STREET
 2006 METROPOLITAN PAPER RECYCLING; INC.(978ESSEX) 978 ESSEX STREET
 STREET
 2005 METROPOLITAN PAPER RECYCLING; INC. [978 ESSEX] 978 ESSEX STREET
 STREET
 2005 ALLIED WASTE OF NEW YORK [978 ESSEX] 978 ESSEX STREET
 2005 METROPOLITAN PAPER RECYCLING; INC.(978ESSEX) 978 ESSEX STREET
 STREET
 2004 METROPOLITAN PAPER RECYCLING; INC.(978ESSEX) 978 ESSEX STREET
 STREET
 2004 ALLIED WASTE OF NEW YORK [978 ESSEX] 978 ESSEX STREET
 2004 METROPOLITAN PAPER RECYCLING; INC. [978 ESSEX] 978 ESSEX STREET
 STREET

21
 North
 1/4-1/2
 0.498 mi.
 2629 ft.

844 PINE ST
 BROOKLYN, NY

NY SWF/LF S105841734
 NY RGA LF N/A

Relative:
 Lower

SWF/LF:
 Flag: INACTIVE
 Region Code: 2
 Phone Number: 7186495317
 Owner Name: Not reported
 Owner Type: Not reported
 Owner Address: Not reported
 Owner Addr2: Not reported
 Owner City,St,Zip: Not reported
 Owner Email: Not reported
 Owner Phone: Not reported
 Contact Name: FRANK PALADINO; OWNER
 Contact Address: Not reported
 Contact Addr2: Not reported
 Contact City,St,Zip: Not reported
 Contact Email: Not reported
 Contact Phone: Not reported
 Activity Desc: Transfer station - permit
 Activity Number: [24T45]
 Active: No
 East Coordinate: 595650
 North Coordinate: 4502118
 Accuracy Code: Not reported

Actual:
 7 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S105841734

Regulatory Status: Not reported
 Waste Type: Not reported
 Authorization #: Not reported
 Authorization Date: Not reported
 Expiration Date: Not reported

RGA LF:

2012	M. PALADINO INC.	844 PINE ST
2011	M. PALADINO INC.	844 PINE ST
2010	M. PALADINO INC.	844 PINE ST
2009	M. PALADINO INC.	844 PINE ST
2008	M. PALADINO INC.	844 PINE ST
2007	M. PALADINO INC.	844 PINE ST
2006	M. PALADINO INC.	844 PINE ST
2005	M. PALADINO INC.	844 PINE ST
2004	M. PALADINO INC.	844 PINE ST

22
 WNW
 1/2-1
 0.545 mi.
 2879 ft.

FORMER WATERMARK DESIGNS FACILITY
491 WORTMAN AVENUE
BROOKLYN, NY 11208

NY SHWS S109374287
NY Spills N/A
NY BROWNFIELDS

Relative:
 Higher

SHWS:

Program: HW
 Site Code: 424756
 Classification: N
 Region: 2
 Acres: .440
 HW Code: 224139
 Record Add: 02/09/2010
 Record Upd: 01/11/2013
 Updated By: BXANDERS

Actual:
 10 ft.

Site Description:

Location: The site is located at 491 Wortman Ave in the Spring Creek section of Brooklyn, a mixed industrial and manufacturing area. Site Features: The site is occupied by a one story commercial building that occupies the entire lot and is comprised of three warehouse sections referred to as Building 1, Building 2 and Building 3. The building is approximately 19,000 square feet and the site is 0.44 acres in size. Current Zoning: Manufacturing and industrial buildings surround the site to the north, south, east and west. The closest residential units are 0.08 miles to the west-southwest. Historical Uses: The site was formerly utilized as a metal etching company, a steel tube manufacturing company, and a plumbing faucet/fixture company. Since approximately 1985, the site has been owned and operated by Watermark Designs Ltd. to manufacture, store, package, and ship decorative fixtures, bathroom accessories, and hardware. Manufacturing processes on the property included cleaning, painting, plating, etching, polishing, and specific machining of metals and metal products. Cleaning agents such as TCE and PCE were routinely used; by Watermark Designs to fine clean and polish metals and metal products. The site is currently leased to a religious group that gathers at the site several times per week. Watermark Designs Ltd. relocated to a new location, 350 Dewitt Avenue, Brooklyn in or around 2007. In 2008, the site was put on the "open market" for sale. Site Geology and Hydrogeology: Subsurface geology is comprised of historic fill materials overlying native sands. Groundwater is approximately 15 ft below ground surface. The direction of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER WATERMARK DESIGNS FACILITY (Continued)

S109374287

groundwater flow can not be determined after one round of groundwater measurements. Other: One TCE degreasing tank was removed from the site however details including the tank size and dates of removal have not been determined. There are no PBS or CBS registrations for the site. One fuel oil AST of unknown size encased in concrete blocks is also located in the basement of the site. Also, floor drains were observed in the building. The following reports have been submitted to date: Supplemental Subsurface Investigation Report dated December 2008; Limited Subsurface Investigation Report dated February 2009; a Phase II Environmental Site Assessment dated January 2009 and an Environmental Services Report Proposed Corrective Action and Remedial Investigation Work Plan dated July 2009. A final Site Characterization work plan was approved in February of 2011. Draft Site characterization reports have been reviewed. The Department and site owner executed a "P site" investigation Order on Consent and Administrative Settlement. For more information, see Site # C2-24-139

Env Problem: A site characterization (SC) was performed in 2011. Results detailed in the draft SC Report indicate soil, groundwater and soil vapor are impacted by chlorinated volatile organic compounds (CVOCs) and, to a much lesser extent, petroleum-related compounds. Concentrations of CVOCs in soil samples collected in 2011 are below commercial soil cleanup objectives (SCOs) but exceed the protection of groundwater SCOs. Concentrations of CVOCs in groundwater samples collected in 2011 significantly exceed groundwater standards with magnitudes greater than 1 ppm in half of the monitoring locations and a maximum concentration of 3.5 ppm for PCE and 2.3 ppm for TCE. Based on concentrations of CVOCs at the site boundaries, contamination likely is migrating off-site. Concentrations of CVOCs (primarily TCE) in multiple subslab soil vapor samples exceed 100,000 ug/m³. TCE appears to be migrating into the on-site building as results from indoor air samples show detections between 140 and 250 ug/m³. The magnitude of CVOC concentrations in the groundwater indicate the potential for DNAPL at the site. Previous phase II investigations indicated magnitudes of contamination in soil and groundwater to be an order of magnitude or two higher.

Health Problem: Not reported
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Owner
Sub Type: 01
Owner Name: Not reported
Owner Company: Watermark Designs Ltd.
Owner Address: 350 Dewitt Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11207
Owner Country: United States of America

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER WATERMARK DESIGNS FACILITY (Continued)

S109374287

Own Op: On-Site Operator
Sub Type: 01
Owner Name: Not reported
Owner Company: Watermark Designs Ltd.
Owner Address: 350 Dewitt Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11207
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

SPILLS:

Facility ID: 0809879
DER Facility ID: 356620
Facility Type: ER
Site ID: 407376
DEC Region: 2
Spill Date: 12/3/2008
Spill Number/Closed Date: 0809879 / Not Reported
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 2401
Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 12/3/2008
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 1
Date Entered In Computer: 12/3/2008
Spill Record Last Update: 3/17/2010
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: JOHN EICHLER
Contact Phone: (631) 589-6353
DEC Memo: 08/15/09-HRAHMED- As per PropertyShark records:Street address: 491 Wortman Ave Primary address: 1009 Linwood St Zip 11208 Borough Brooklyn Block & lot 04384-0036 First 3 alt addresses 481-491 Wortman Ave, 1009-1019 Linwood St 1/26/10-Vought-File review by Vought:Supplemental Subsurface Investigation Report (PW Grosser-John

Map ID
Direction
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Database(s)

EDR ID Number
EPA ID Number

FORMER WATERMARK DESIGNS FACILITY (Continued)

S109374287

Eichler-Ph:631-589-6353)-12/9/08. Sent to:Mr. Jack AbelWatermark Designs350 Dewitt AvenueBrooklyn, NY 11207Site has one commercial building that covers entire area of property. Site formerly used as a metal etching company, steel tube manufacturing company and a plumbing faucet/fixture company. Possible plating pit in northwest corner of building. Phase II shows elevated TCE in "soil collected from northwest portion of building". Attempts made to dye flush test floor drain in bathroom but drain was blocked but "drain appeared to lead to a sewer connection pit which discharges to the municipal sewer". Fuel oil AST encased in concrete block in the basement and soil samples below AST shows that "soils were not impacted". Plating pit later discovered to be a loading/bay truck scale. "Based on conversations with the current owner of the property, the sources of TCE appears to have been a TCE degreasing tank with was formerly located directly to the south of the former loading bay/truck scale." Report recommends additional soil and groundwater investigation via soil borings. Proposal of soil boring investigation to delineate contamination via Geoprobe collection of soil and groundwater samples. Delineation will also include vertical profile of groundwater contamination to a depth of 50'bg (i.e collection of vertical groundwater samples at 10 foot intervals from 10-50'bg to study DNAPL). Cost estimate included in proposal.EnviroTrac Limited Subsurface Investigation Report (EnviroTrac-David Lorthior-631-924-3001)-2/1/09. Seven soil boring and one well were installed including collection of five groundwater samples. Borings installed via Geoprobe. Fill from 6-8'bg and sand below. Soil analyticals show: 2400ppb TCE (B2 8-10'bg), 20000ppb TCE (B3(0-5'bg), 8800ppb TCE(B4 6'bg), 140000ppb TCE(B7 2-5'bg), 5000ppb PCE(B7 2-5'bg), 4400ppb TCE(B8 3-5'bg), 3300ppb TCE(B8 7-7.5'bg). PCE not used at site and "suggests that a possible source associated with the prior usage of he building could be repsonsible for the impacted soil in this area." Depth to groundwater is 12'bg. Groundwater analyticals show:54ppb TCE(B2 15'bg), 91ppb PCE(B2 15'bg), 5700ppb TCE(B5 15'bg), 510ppb PCE(B5 15'bg), 36ppb TCE(B5 25'bg), 97ppb PCE(B5 25'bg), 14ppb TCE(B5 35'bg), 26ppb PCE(B5 35'bg), 18ppb TCE(B5 45'bg), 38ppb PCE(B5 45'bg). Report recommends submission of a Remedial Investigation Work Plan. No petroleum contamination found at site.Phase II Environmental Site Assessment (PW Grosser John Eichler Ph:631-589-6353)-1/13/09. Seven soil borings were installed at site in Nov 2008 via Geoprobe. Groundwater at 10'bg and two samples collected for analysis. Groundwater flow estimated to south. Fuel and vent noted leading to AST in basement. One boring installed adjacent to UST with no petroleum staining observed. Floor drain dye test resulted in determination drain was clogged. "Boring B-02 was located in the reported vicinity of a former TCE degreasing tank. Based on this, the degreasing tank appears to be the source of TCE in the soil". Soil analyticals show: 201ppb MTBE (GP2 8-10'bg), 18900ppb TCE(GP-02 0-2'bg), 63100ppb TCE(GP-02 8-10'bg). Groundwater analyticals show: 24000ppb TCE(GP1), 544ppb PCE(GP1) 7ppb DCE(GP1), 78ppb PCE(GP4), 24ppb TCE(GP4). Report recommends further investigation to delineate contaminaton and that indoor air quality be evaluated and that AST be properly closed.Environmental Services Report Proposed Corrective Action and Remedial Investigation Work Plan(Impact Environmental-Tony Kloss-Ph:908-534-8820)-7/10/09. Prepared for Watermark Designs. Onsite building has three sections and properly is currently vacant and unoccupied. Building owned by Watermark Designs for past 25 years to manufacture, store, package and ship hardware, bathroom fixtures.

Map ID
Direction
Distance
Elevation

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EDR ID Number
EPA ID Number

FORMER WATERMARK DESIGNS FACILITY (Continued)

S109374287

Onsite processes included painting, plating, etching, polishing, and machining. "Cleaning agents, such as trichloroethylene(TCE) and tetrachlorethylene(PCE) were routinely used by Watermark Designs, Ltd. at the subject property to fine clean and polish metals and metal products. Watermark purchased new property at 350 Dewitt Avenue and moved and looking to sell this site. Proposal to isolate each building section and excavated contaminated soil. "It is estimated that a total of approximately 400 tons of chlorinated VOC contaminated soil will be excavated from two designated work areas in Building 1...". "Work activities will include the evacuation of as much chlorinated VOC contaminated groundwater as is safe and practical" with estimates of removal of 18,000 gallons of contaminated groundwater. Proposal to collect endpoint soil and bottom groundwater samples and submit results report. Email from Abel to DEC Ahmed-12/3/09. "I'm following-up on our most recent conversation about the NYSDEC Spill Case No. 0809879 assigned to 491 Wortman Avenue, Brooklyn, NY. Were you able to identify and/or obtain a copy of the NYSDEC correspondence issued to Mr. Jack Abel from Watermark Designs Ltd. for the subject property? Watermark Designs Ltd. received some type of NYSDEC correspondence about the subject property but misplaced the letter. The NYSDEC correspondence would have been dated late October 2009 or early November 2009. Our firm advised Watermark Designs Ltd. that the subject property is the first site assigned to a new program within the NYSDEC system for hazardous TCE and DNAPL type contaminant investigation and corrective action. As a responsible party and environmental steward, Watermark Designs Ltd. is prepared to move forward with the scope of work presented in the Proposed Corrective Action and Remedial Investigation Work Plan prepared by our firm and dated 10 July 2009. Watermark Designs Ltd. would like to start the project as soon as possible. Please provide our firm and/or Mr. Jack Abel at Watermark Designs Ltd. withan update concerning the project at your earliest convenience. I included Jack Abel's contact information below. Thank you for your time and attention to the matter." Mr. Jack Abel Watermark Designs Ltd.(p) 718.257.2800, Ext. 20(f) 718.257.2144(e) jabel@watermark-designs.com Email from Impact (Kloss) to DEC Ahmed-1/5/10. "We spoke approximately four (4) weeks ago concerning the corrective action project for Watermark Designs Ltd. at 491 Wortman Avenue, Brooklyn, NY. Did you have an opportunity to issue an update letter or e-mail to Mr. Jack Abel from Watermark Designs Ltd concerning the project? Also, what is the status of the consent order for the project? When last we spoke in early December 2009, you indicated that the consent order would be issued to Mr. Jack Abel within three (3) to four (4) weeks."DEC possibly requires: 1)P-Site letter2)Check PBS for AST registration3)delineation of chlorinated solvent soil and groundwater contamination4)possible approval of proposal to evaluate indoor air (property vacant as per 7/09 report).1/26/10-Vought-Meeting with DEC Krimgold and Austin. Spill reassigned from Ahmed to Vought. 1/28/10-Vought-Received email from Abel that "Good morning. I'm following up on our conversation yesterday morning and the internal NYSDEC meeting you had for the contaminated soil and groundewater project at 491 Wortman Avenue, Brooklyn, NY. When you have a moment today (Thursday, 28 January 2010), please provide a brief update for the proposed project at the subject property. The update can be forwarded to me and/or Mr. Jack Abel of Watermark Designs Ltd. Contact information for Mr. Jack Abel is below."02/2/10-Vought-Received message from Kloss (908-534-8820) and

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Direction
Distance
Elevation

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EDR ID Number
EPA ID Number

FORMER WATERMARK DESIGNS FACILITY (Continued)

S109374287

returned call and left message.02/5/10-Vought-Received message from Impact (Kloss) and returned call and left message to return call.02/10/10-Vought-DEC O'Connell preparing Class II package. Site code received from DEC Spath as:Site Remediation Code:224139T&A Code:653352/11/10-Vought-Received message from Impact (Kloss cell:908-623-0310) and returned call and spoke to Kloss and informed him of reclassification of site as Class II site. Vought also provided him contact info for DEC Oliva for further information regarding Class II CO and possibly beginning of soil excavation. Kloss noted that he had suspected the site would be listed as Class II and has already prepared Watermark Designs for such possibilities. Vought to complete Remediation Database so that DEC O'Connell can designate new Section A project manager. Received email from Impact (Kloss) that "again, thank you for the phone call concerning the latest administrative information for 491 Wortman Avenue, Brooklyn, NY. The initial information is very much appreciated and will be a great help to our client (WatermarkDesigns Ltd.). Our firm will be reviewing the information with the client tomorrow morning."
2/12/09-Vought-Obtained Lat and Long from Google Earth as:40deg39min40secN and 73deg52min32sec W. Note Google earth based on same datum as DEC GIS system used by DEC O'Connell. Area of lot is .44 acres as per Report and .218 acres when using dimensions from 491 Wortman deed only. Vought to use acreage as per Report as site may encompass other addresses in addition to 491 Wortman. Vought spoke to DEC Barrie and provided acreage of .44 acres and she also will transfer E-docs into UIS database.02/15/10-Vought-Received email from Kloss to DEC Oliva that "Late last week I spoke with Mr. Jeffery Vought (NYSDEC Liaison at this point) concerning the NYSDEC Remediation Case Site Code 224139 assigned to the hazardous waste site project at 491 Wortman Avenue, Brooklyn, NY. Mr. Vought provided a much anticipated update and NYSDEC agency contact information. During the conversation Mr. Vought requested that the owner/operator of the subject property (Mr. Jack Abel - Watermark Designs Ltd.) contact you to discuss a Stipulation Agreement/Consent Order for the project. I was informed that Mr. Abel is out of his office this week and will return on Monday, 22 February 2010. I'm certain Mr. Abel will contact you shortly after his return to the office."
3/11/10-Vought-DEC Oliva sent draft CO to Kloss and Abel.3/15/10-Vought-Meeting with DEC O'Connell and DEC Austin and spill manager transferred to DEC O'Connell for further action.

Remarks:

CALLER STATES THAT THEY RECIEVED SOIL BORING SAMPLES BACK TODAY INDICATING CONTAMINATED SOIL AND GROUND WATER. CLEAN UP IS PENDING.

Material:

Site ID: 407376
Operable Unit ID: 1163929
Operable Unit: 01
Material ID: 2155273
Material Code: 2633A
Material Name: TRICHLOROETHENE (TCE)
Case No.: 00079016
Material FA: Hazardous Material
Quantity: Not reported
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER WATERMARK DESIGNS FACILITY (Continued)

S109374287

Tank Test:

BROWNFIELDS:

Program: BCP

Site Code: 464693

Site Description: Site Location: The Brownfield Cleanup Program (BCP) site is located at 491 Wortman Avenue in Brooklyn, Kings County and is approximately .44 acres. It is bounded to the south by Wortman Avenue, to the east by Essex Street, to the west by Linwood Street, and to the north by a commercial and industrial property. Site Features: There is a one story industrial brick and steel building which occupies the entire area of the property. No exposed soil or vegetation is present on the subject property. Current Zoning/Use: The area surrounding the site is for industrial and commercial uses. Since 2007, a portion of the site building has been used by a group for religious activities. Historical Use(s): US Tube & Foundry Company, Inc. operated at the site between 1945 and 1973. The National Hanger Company, Inc. operated at the site in 1976. J & H Holding Company, LLC has owned the property since 1983 and manufacturing activities continued until 2007. The site was previously used to manufacture, store, package, and ship decorative fixtures and hardware for bathrooms and kitchens. Processes involved cleaning, painting, plating, etching, polishing, and specific machining of metals and metal products. A cleaning and degreasing area was located along the west side of the building. The source of contamination is within the on-site building. Site Geology and Hydrogeology: The site is located over the Long Island aquifer system, which underlies all of Nassau, Suffolk, Kings (Brooklyn), and Queens Counties. The unconsolidated aquifer formations form a southward-dipping wedge that attains a maximum thickness in Kings County about 800 feet in the southeast area of Brooklyn. Overlying bedrock is the Lloyd, Magothy, Jameco, and Upper Glacial aquifer systems. The lithologic description of sediments from soil borings identifies the material as fill to approximately five feet below grade, underlain by layers of fine to medium silty sands and silt. Groundwater at the site is encountered at approximately 11 feet below grade. Groundwater beneath the property is class GA denoting potential use as potable water. The property lies within New York City, which utilizes reservoirs from upstate New York as sources of potable water.

Env Problem: Nature and Extent of Contamination: On-Site Areas - Based upon investigations conducted to date, the primary contaminants of concern for OU 1 include the chlorinated volatile organic compounds (CVOCs) TCE and PCE in soil, groundwater and soil vapor. Soil - Analytical results for onsite soil samples showed elevated concentrations of TCE in shallow soils collected from the western portion of the building. In general, concentrations decreased with depth. TCE in shallow soils ranged from 0.610 ppm to 54,000 ppm. This exceeds the Part 375 commercial use and protection of groundwater SCOs (200 ppm and 0.47 ppm, respectively). Soil samples collected from the perimeter of the building did not show any exceedances of the SCOs for PCE and TCE. Groundwater - Elevated concentrations of TCE and PCE were identified in shallow groundwater, primarily in the northwest corner of the building and the west side of the building. TCE concentrations in shallow groundwater ranged from 77 ug/l to 2,300 ug/l. TCE in deep groundwater was 120 ug/l. PCE concentrations in shallow groundwater

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER WATERMARK DESIGNS FACILITY (Continued)

S109374287

ranged from 260 ug/l to 3,500 ug/l. PCE in deep groundwater was 310 ug/l. For samples collected from the building perimeter, TCE concentrations ranged from 400 ug/l to 880 ug/l. PCE concentrations from the perimeter locations ranged from 700 ug/l to 1,500 ug/l. All of these concentrations exceed the groundwater standards for TCE and PCE (5 ug/l). Soil Vapor - In 2011 a soil vapor investigation was completed at the site and consisted of soil vapor, sub-slab, and indoor air sampling. Results were compared to the NYS DOH Guidance for Evaluating Soil Vapor Intrusion (2006). Concentrations of TCE from subslab samples collected inside the building ranged from 190 ug/m³ to 2,300,000 ug/m³. In soil vapor samples collected from the perimeter of the building, TCE concentrations ranged from 130 ug/m³ to 72,000 ug/m³. PCE concentrations from subslab samples inside the building ranged from 530 ug/m³ to 9,200 ug/m³. In soil vapor samples collected from the perimeter of the building, concentrations of PCE ranged from 1,400 ug/m³ to 32,000 ug/m³. Indoor air concentrations of TCE ranged from 140 to 250 ug/m³. PCE concentrations in indoor air samples ranged from 2.6 ug/m³ to 8.5 ug/m³.

Health Problem: Direct contact with contaminants in the soil is unlikely because the majority of the site is covered with buildings and pavement. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Soil vapor intrusion sampling in the on-site structure determined that exposure to site related contaminants at levels above NYS DOH guidelines is likely occurring since a portion of the structure is currently occupied.

23
North
1/2-1
0.683 mi.
3607 ft.

FORMER MAJESTIC GARMENT CLEANERS
740 PINE STREET
BROOKLYN, NY 11235

NY SHWS **S110248343**
NY VCP **N/A**
NY DRYCLEANERS
NY RGA HWS

Relative:
Higher

Actual:
9 ft.

SHWS:
 Program: HW
 Site Code: 58590
 Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.
 Region: 2
 Acres: .470
 HW Code: 224035
 Record Add: 02/21/2001
 Record Upd: 05/28/2013
 Updated By: JAMORAS

Site Description: Location: The Former Majestic Garment Cleaners site is approximately 0.5 acres in size and is located at 740 Pine Street (a.k.a 1151 Loring Avenue, Brooklyn, NY 11208) at the northeast corner of the intersection of Loring Avenue and Pine Street in the East New York section of Brooklyn. Site Features: The property is surrounded by a chain link fence and previously contained a one-story brick building which was demolished sometime in 2008. The property is currently vacant except for construction and demolition debris and parked

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MAJESTIC GARMENT CLEANERS (Continued)

S110248343

vehicles. Current Zoning/Use: The property is a vacant lot in a non-residential zone. The surrounding parcels are currently used for a mix commercial and residential uses. Historical Use: The parcel is approximately 24,000 square feet in size and formerly operated as an industrial laundry and cleaning facility. The site formerly contained a large one-story brick building constructed in 1926 with a smaller attached one-story cinder block building on its north side which was built at a later date. The facility operated from 1926 through 2004. In early 1999, EPA conducted two separate inspections of the Majestic Garment Cleaners facility, one on or about January 25, 1999, and the other on or about March 29, 1999. During those inspections, EPA personnel observed employees disposing of tetrachloroethene (PCE) contaminated water from steam presses onto the ground behind the facility. They also noticed that the areas around the dry cleaning equipment were visibly contaminated with PCE-contaminated lint and a dark liquid residue. EPA subsequently learned that Majestic employees regularly vacuumed PCE-contaminated lint and disposed of it in a dumpster behind the building. In the Fall of 2001, the NYSDEC conducted work under an Immediate Investigation Work Assignment (IIWA). The IIWA showed that the groundwater underlying the site was contaminated with PCE and its breakdown products. In January 2004, MAJ Realty Inc., which held a real property mortgage on the Site at the time, entered into a Voluntary Cleanup Agreement (VCA) with the NYSDEC to address the environmental contamination at the site (VCP Site No. V00608). Fieldwork associated with the Remedial Investigation (RI) was performed in July/August 2005 under NYSDEC oversight in accordance with the NYSDEC's Voluntary Cleanup Program. In June 2006, the State terminated the VCA following the failure of MAJ Realty, Inc. to submit an RI Report documenting the results of the investigation in accordance with the provisions of the VCA. After reasonable efforts to enter into an agreement with the existing property owner, 1151 Loring Avenue, LLC, failed the Site was referred for a State-funded RI/Feasibility Study (FS) in November 2008. Site Geology and Hydrogeology: Much of the surficial soil at the site consists of urban fill composed of mixed sand, with varying amounts of gravel, brick, and concrete debris. The urban fill (i.e., debris, brick, etc.) at the site extends down to approximately 8 feet below ground surface (bgs); the fill is underlain by organic rich clay and sand. The depth to groundwater has been observed to be approximately 10 feet bgs. The groundwater flow direction in the vicinity of the site is to the southwest. It appears that a local hydraulic low, which was historically observed near piezometer PZ-2, may have been due to efforts to dewater the basement of the former on-site building when the building was present and in use.

Env Problem:

Nature and Extent of Contamination: Based on the Remedial Investigation, the primary contaminants of concern (COCs) at the Site include tetrachloroethylene (PCE), trichloroethylene (TCE), 1,2-dichloroethylene (1,2-DCE), vinyl chloride, and benzo(a)pyrene. Elevated levels of these constituents were found primarily in the western portion of the Site. Groundwater - PCE (detected up to 260 ppb) and associated daughter products cis-1,2-DCE (detected up to 410 ppb), TCE (detected up to 72 ppb) and vinyl chloride (detected up to 150 ppb) were detected at levels exceeding their respective groundwater standards. The groundwater standard for PCE, 1,2-DCE, and TCE is 5 ppb. The groundwater standard for vinyl chloride is 2 ppb. Soils - Benzo(a)pyrene was detected in subsurface soil (in a sample collected from the 10-foot to 11-foot depth interval) at a level (2.6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MAJESTIC GARMENT CLEANERS (Continued)

S110248343

ppm) that exceeded the Track 2 Soil Cleanup Objective for industrial use (1.1 ppm). Soil Vapor - Elevated soil vapor concentration levels were detected in the western portion of the Site. The most significant results were as follows: PCE at 640,000 g/m3; vinyl chloride at 330,000 g/m3; cis-1,2-DCE at 440,000 g/m3; trans-1,2-DCE at 4,800 g/m3; TCE at 25,000 g/m3; and 1,1-DCE at 2,000 g/m3. The site presents a significant environmental threat due to the ongoing releases of contaminants from the source area into groundwater. Environmental sampling indicates soil vapor intrusion may be a concern for off-site structures.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. The site is fenced, which limits public access. However, part of the lot is being used for parking and storage of building materials and persons who enter the site could contact contaminants in the soil by walking on the site, digging or otherwise disturbing the soil. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The on-site building has been demolished, however the potential exists for people to inhale site contaminants in indoor air due to soil vapor intrusion in any future on-site building development and occupancy. Elevated concentrations of site-related contaminants were detected in soil vapor off-site and the need to assess exposure through soil vapor intrusion in nearby structures will be evaluated.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: False
Record Add: 2/21/2001 8:32:00 AM
Record Upd: 5/20/2013 9:53:00 AM
Updated By: RSLEE
Own Op: Document Repository
Sub Type: B99
Owner Name: Ms. Dowshon A. Perveen
Owner Company: Brooklyn Public Library
Owner Address: 1197 Sutter Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11208
Owner Country: United States of America
Own Op: Owner
Sub Type: 01
Owner Name: Nick Persaud
Owner Company: 1151 Loring Avenue, LLC
Owner Address: 740 PINE STREET
Owner Addr2: Not reported
Owner City,St,Zip: BROOKLYN, NY 11235
Owner Country: United States of America
Own Op: On-Site Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MAJESTIC GARMENT CLEANERS (Continued)

S110248343

Sub Type: 01
Owner Name: Nick Persaud
Owner Company: 1151 Loring Avenue, LLC
Owner Address: 78-50 65th Street
Owner Addr2: Not reported
Owner City,St,Zip: Glendale, NY 11385
Owner Country: United States of America
HW Code: 224035
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224035
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224035
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224035
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224035
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0905690
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 1/14/2010 11:34:00 AM
Record Updated: 1/14/2010 11:34:00 AM
Updated By: RMPIPER

VCP:

Program Type: VCP
Site Code: 58591
HW Code: V00608
Site Class: N
SWIS: 2401
Region: 2
Town: New York City
Acres: Not reported
Date Record Added: 08/30/2002
Date Record Updated: 07/31/2007
Updated By: MOBARRIE
Site Description: The Former Majestic Garment Cleaners is located at the northeast corner of the intersection of Loring Avenue and Pine Street in the East New York section of Brooklyn. The property contains a 1-story brick building and a parking lot which is surrounded by a chain link fence. The site is currently occupied by a dry cleaning operation (World Cleaners). In early 1999, EPA conducted two separate inspections of the Majestic Garment Cleaners facility. During those inspections, EPA personnel observed employees disposing of tetrachloroethene (PCE) contaminated water from steam presses onto the ground behind the facility. They also noticed that the areas around the dry cleaning equipment were visibly contaminated with

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER MAJESTIC GARMENT CLEANERS (Continued)

S110248343

PCE-contaminated lint and a dark liquid residue. EPA subsequently learned that Majestic employees regularly vacuumed PCE-contaminated lint and disposed of it in a dumpster behind the building. Completed investigations include an Immediate Investigation Work Assignment (2001). In January 2004, a Voluntary Cleanup Agreement was signed, and in July 2005, the Volunteer performed fieldwork associated with the Remedial Investigation (RI). However, the Volunteer never submitted a formal RI Report documenting the results of the investigation, and in June 2006, the State terminated the agreement with the owner of the site due to their failure to respond appropriately. The site investigation and cleanup will be done under the Inactive Hazardous Waste Disposal Site remedial program-see site #224035 for more information.

Env Problem: The primary contaminants of concern at the site known at this time include tetrachloroethylene (PCE), trichloroethylene (TCE), 1,2-dichloroethylene (1,2-DCE) and vinyl chloride. The initial investigation indicates groundwater beneath the site has been impacted. Exceedances of standards, criteria and guidance include PCE, TCE, 1,2-DCE and vinyl chloride in groundwater.

Health Problem: Not reported

DRYCLEANERS:

Facility ID: 2-6105-00335
 Phone Number: 718-272-0010
 Region: Not reported
 Registration Effective Date: 12/27/2001
 Inspection Date: 09OCT23
 Install Date: 86&88/01/0
 Drop Shop: Not reported
 Shutdown: Y
 Alternate Solvent: Not reported
 Current Business: Not reported

RGA HWS:

2012	FORMER MAJESTIC GARMENT CLEANERS	740 PINE STREET
2011	FORMER MAJESTIC GARMENT CLEANERS	740 PINE STREET
2010	FORMER MAJESTIC GARMENT CLEANERS	740 PINE STREET
2009	FORMER MAJESTIC GARMENT CLEANERS	740 PINE STREET
2008	FORMER MAJESTIC GARMENT CLEANERS	740 PINE STREET
2007	FORMER MAJESTIC GARMENT CLEANERS	740 PINE STREET

24
 South
 1/2-1
 0.745 mi.
 3936 ft.

**FOUNTAIN AVENUE LANDFILL
 FOUNTAIN AVENUE AND SHORE PARKWAY
 BROOKLYN, NY 11208**

**NY SHWS S102872770
 NY RGA HWS N/A**

**Relative:
 Lower**

SHWS:

Program: HW
 Site Code: 55908
 Classification: SITE IS PROPERLY CLOSED - REQUIRES CONTINUED MANAGEMENT
 Region: 2
 Acres: 297.000
 HW Code: 224003
 Record Add: 11/18/1999
 Record Upd: 08/28/2013
 Updated By: GWBURKE

**Actual:
 6 ft.**

MAP FINDINGS

FOUNTAIN AVENUE LANDFILL (Continued)

S102872770

Site Description: Location: The Fountain Avenue Landfill (FAL) is located along the northern shore of Jamaica Bay in the Borough of Brooklyn of the City of New York, Kings County, New York. The FAL is located on property that is owned by the National Park Service, south of the Belt Parkway between Hendrix Creek and Old Mill Creek. The site is bounded by the Belt Parkway to the northwest, Hendrix Creek on the southwest, Old Mill Creek on the northeast and Jamaica Bay on the southeast. Site Features: The landfill site measures 297 acres and extends into Jamaica Bay. The landfill entrance is located at the southern end of Fountain Avenue below the Belt Parkway. Security is provided by security guards on duty 24 hours a day. Trailers and a Butler building that is sporadically used by the New York City Department of Sanitation (NYCDOS) as a storage facility are located onsite. Several office and storage trailers, a locker room building, and underground storage tanks, which were once present on the site, were demolished as part of a scheduled interim remedial measure. The foundations for all the demolished buildings still exist on the site. Current Zoning/Use(s): The site is currently zoned Park (open space and recreation). South of the site is Jamaica Bay. To the immediate east the area is zoned Park (the Pennsylvania Avenue Landfill) and further east is a low density residential area, to the north is an area of combined commercial zoning and industrial/manufacturing. The area west is also zoned Park. Historic Use(s): The Fountain Avenue landfill received municipal and industrial waste from February 1961 to December 1985. Landfill operations were conducted under the responsibility of the NYCDOS. Solid waste disposed of at the site generally consisted of garbage, rubbish, street dirt, commercial waste, construction and demolition debris, incinerator ash, and residue. The method of disposal included filling wastes into tidal wetlands which had been enclosed by dredged sand berms. From 1961 to the early 1970s, the landfill site increased in size from 150 to 297 acres. In 1974, FAL received 22% of New York City's solid waste; by late 1978, 5,000 to 6,000 tons of waste was received per day; and by 1984, the site received approximately 35% of the City's total solid waste disposal, or 9,500 tons per day. An estimated 29 million cubic yards of waste have been disposed at the landfill. In addition to solid waste, waste oil was used for control of roadway dust. The waste oils used for dust control are alleged to have contained hazardous substances. FAL was permitted by New York State Department of Environmental Conservation (NYSDEC) to receive asbestos containing waste for disposal. Prior to burial, this waste was required to be containerized, or double-bagged, and then was unloaded by hand at a designated area and immediately covered. An inspection of the asbestos disposal area by SCS Engineers in March 1984 found many of the black plastic disposal bags to be ruptured and the depth of cover material inadequate or nonexistent in some areas. Between 1974 and 1980 waste oil, sludges, and plating materials were disposed at New York City (NYC) landfills, including Fountain Avenue Landfill. The quantities and locations of hazardous wastes which may have been disposed are unknown. The following waste materials were reported to have been illegally dumped at the landfill in liquid form: acetone, alcohols, acids, alkyl phenols, benzene, chlorides, cyanide, dichlorobenzene, dioctylphthalate, ethylbenzene, fuel oil, industrial oil, lacquer, lubricating oil, mercaptans, metals, naphthalene, sewage sludge, toluene, wastewater, and xylenes. Site Geology and Hydrogeology: The site area is underlain primarily by outwash plains and sediments and tidal marsh deposits. The site is bordered by

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOUNTAIN AVENUE LANDFILL (Continued)

S102872770

Env Problem:

wetlands on the south, east and western sides. The landfill was created by building sand berms around the perimeter of the wetlands and then filling in behind them with municipal solid waste. The stratigraphy of the site includes, in order of increasing depth, municipal fill, dredged sand fill (DSF), tidal marsh deposits (TMD), and upper glacial aquifer (UGA). Depth to water at the site ranges from 10 to 70 ft below ground surface.

Prior to remediation: Soils: Surface Soil and Subsurface Soil/Fill Surface soil and subsurface fill samples around the southern half of the large fill mound exhibited the greatest number and highest concentrations of contaminants due to the presence of a floating product layer above the water table. Acetone was the only volatile compound frequently detected above State Standards, Criteria, and Guidance (SCGs). These SCG exceedances were in subsurface fill samples and samples on the top of Tidal Marsh Deposit (TMD). Most exceedances of SCGs in the semivolatile fraction were PAHs. SCG exceedances occurred in surface soil/fill and subsurface fill samples. Metals were detected above SCGs in surface soil/fill and surface fill. Chromium, copper, iron, lead, magnesium, mercury, nickel, and zinc were frequently detected above SCGs in both media. In addition, cadmium and arsenic were detected frequently above SCGs in surface soil/fill. Pesticides and PCBs were not frequently detected above SCGs in either surface soil/fill or subsurface fill samples. Groundwater: Exceedances of SCGs was most widespread in the leachate mound (U-wells). Chemicals exceeding SCGs most frequently included volatiles (i.e. BTEX, chlorobenzene and 1,2-Dichloroethene), the more soluble semi-volatiles (i.e. phenols and naphthlene), PCBs, and metals (i.e. antimony, arsenic, chromium, iron, lead, and magnesium). SCG exceedances were much less frequent in the shallow UGA (S-wells). Chemicals most frequently in exceedance of SCGs included BTEX and metals (i.e. iron, lead and magnesium). The only significant exceedances of SCGs in the deep (D-wells) were iron and magnesium. Surface Water/Sediment: VOCs and SVOCs, with the exception of chlorobenzene, were detected infrequently above SCGs. Chlorobenzene exceeded SCGs in Old Mill Creek and Jamaica Bay. Exceedances of the SCGs for metals were more frequent in surface water. Copper, lead, and nickel were detected most frequently above SCGs, and were found in all water bodies. Cyanide was frequently detected above the SCG in Hendrix Creek and Jamaica Bay. DDE was detected frequently above the SCG in Hendrix Creek and Jamaica Bay. SCG exceedances in Jamaica Bay were significantly less than in Old Mill and Hendrix Creek. SCG exceedances for VOCs were infrequent. There were a significant number of SCG exceedances for PAHs, pesticides, PCBs and metals. In general, PAHs exceeded human health SCGs, pesticides and PCBs exceeded both human health and ecological SCGs, and metals exceeded ecological SCGs. The highest concentrations of contaminants occur in sediment with total organic carbon (TOC) above 1%. These locations are primarily in Hendrix and Old Mill Creeks. Post-Remediation: Construction of the landfill cap was completed in 2007. The site has entered the site management phase with annual monitoring for groundwater and landfill gases. An Environmental Notice limits the property use to a landfill.

Health Problem: The landfill was properly capped thus preventing contact with contaminated subsurface soils. Also, measures in place to maintain and prevent disturbance of the cap will minimize the potential for future exposure to contaminants present in the subsurface. People are not drinking the contaminated groundwater since the area is served by

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOUNTAIN AVENUE LANDFILL (Continued)

S102872770

a public water supply not affected by this contamination. An active gas collection system vents/flares landfill gases at the site prevents soil gas from leaving the site.

Dump: False
Structure: False
Lagoon: False
Landfill: True
Pond: False
Disp Start: 1960s
Disp Term: 1979
Lat/Long: 40:38:48:0 / 73:51:53:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 11/18/1999 12:00:00 PM
Updated By: INITIAL
Own Op: Owner
Sub Type: D
Owner Name: Not reported
Owner Company: NATIONAL PARK SERVICE
Owner Address: 900 OHIO DRIVE SOUTHWEST
Owner Addr2: Not reported
Owner City,St,Zip: WASHINGTON, DC 20242
Owner Country: United States of America
HW Code: 224003
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224003
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224003
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224003
Waste Type: PHENOLS
Waste Quantity: UNKNOWN. SEVERAL
Waste Code: Not reported
Crossref ID: 017
Cross Ref Type Code: 13
Cross Ref Type: Senate District
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: INITIAL
Crossref ID: 10
Cross Ref Type Code: 15
Cross Ref Type: Congressional District
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: INITIAL
Crossref ID: NYD980214423
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 5/10/2001 4:31:00 PM
Updated By: REGTRANS

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FOUNTAIN AVENUE LANDFILL (Continued)

S102872770

Crossref ID: 24-S-01#
 Cross Ref Type Code: 07
 Cross Ref Type: Muni. Waste ID
 Record Added Date: 11/18/1999 12:00:00 PM
 Record Updated: 2/24/2005 3:54:00 PM
 Updated By: INITIAL

RGA HWS:

2012	FOUNTAIN AVENUE LANDFILL	FOUNTAIN AVENUE AND SHORE PARKWAY
2011	FOUNTAIN AVENUE LANDFILL	FOUNTAIN AVENUE AND SHORE PARKWAY
2010	FOUNTAIN AVENUE LANDFILL	FOUNTAIN AVENUE AND SHORE PARKWAY
2009	FOUNTAIN AVENUE LANDFILL	FOUNTAIN AVENUE AND SHORE PARKWAY
2008	FOUNTAIN AVENUE LANDFILL	FOUNTAIN AVENUE AND SHORE PARKWAY
2007	FOUNTAIN AVENUE LANDFILL	FOUNTAIN AVENUE AND SHORE PARKWAY
2006	FOUNTAIN AVENUE LANDFILL	FOUNTAIN AVENUE AND SHORE PARKWAY
2005	FOUNTAIN AVENUE LANDFILL	FOUNTAIN AVENUE AND SHORE PARKWAY
2003	FOUNTAIN AVENUE LANDFILL	FOUNTAIN AVENUE AND SHORE PARKWAY
2000	FOUNTAIN AVENUE LANDFILL	FOUNTAIN AVENUE AND SHORE PARKWAY
1997	FOUNTAIN AVENUE LANDFILL	FOUNTAIN AVENUE AND SHORE PARKWAY

25
NNE
1/2-1
0.823 mi.
4344 ft.

BETWEEN RUBY & EMERALD ON LORING AVENUE
BROOKLYN, NY

NY SHWS S105973021
NY RGA HWS N/A

Relative:
Lower

SHWS:

Actual:
6 ft.

Program: HW
 Site Code: 57635
 Classification: COMPLETED
 Region: 2
 Acres: 2.000
 HW Code: 224014
 Record Add: 11/18/1999
 Record Upd: 03/23/2007
 Updated By: dcwalsh
 Site Description:

The Spring Creek parcel comprises a three city block area situated approximately midway between Belt Parkway and Conduit Boulevard and is one block south of Linden Boulevard. The entire three block site previously consisted of scattered piles of construction debris partially exposed at the surface. Debris included concrete rubble, assorted refuse, scrap metals, plastics, junk cars and rusted surficial drums. Two of the three blocks were cleared and low income housing has been erected. These units were occupied in 1989. Test pit excavations at the third section revealed buried drums and dark ash like materials. Approximately 20-25 drums or rusted empty drum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105973021

remnants were observed within area 3. Two samples exhibited hazardous characteristics. Area 3 is presently the listed area. All the buried drums and contaminated soils have been removed from block 3. The property has been developed (1990) for multiple low income housing buildings. Buildings are fully occupied.No further action is required from the Department.

Env Problem: All hazardous waste drums have been removed. Post remedial monitoring for groundwater has been completed.

Health Problem: Post remedial groundwater monitoring has revealed that the low concentrations of VOCs originally detected on-site have decreased to non-detectable levels. The concentration of one VOC, specifically 1,2-dichloroethene, has remained slightly above the drinking water standard for this contaminant in all three sampling rounds. However, groundwater is not used for drinking water purposes in the area. Exposure to contaminated surficial soils is not expected to occur since the parcel has been capped. Potential exposure to contaminated sub-surface soils is not expected to occur unless subsequent on-site excavation is conducted.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:40:03:0 / 73:51:31:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 11/18/1999 12:00:00 PM
Updated By: INITIAL
Own Op: Disp. Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: PUBLIC DEVELOPMENT CORP.
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: ZZ
Owner Country: United States of America
Own Op: Owner
Sub Type: C01
Owner Name: Not reported
Owner Company: PUBLIC DEVELOPMENT CORP.
Owner Address: 1 CENTRE ST.
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10007
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: C01
Owner Name: Not reported
Owner Company: PUBLIC DEVELOPMENT CORP.
Owner Address: 1 CENTRE ST.
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10007
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105973021

Owner Company: Public Development Corp.
Owner Address: 1 Centre Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10007
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: Public Development Corp.
Owner Address: 1 Centre Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10007
Owner Country: United States of America
HW Code: 224014
Waste Type: DRUMS CONTAINING HAZARDOUS WASTE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224014
Waste Type: (XYLENES, TOLUENES, BUTANONE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

RGA HWS:

2012 SPRING CREEK (EMERALD ST.) BETWEEN RUBY & EMERALD ON
LORING AVENUE
2011 SPRING CREEK (EMERALD ST.) BETWEEN RUBY & EMERALD ON
LORING AVENUE
2010 SPRING CREEK (EMERALD ST.) BETWEEN RUBY & EMERALD ON
LORING AVENUE
2009 SPRING CREEK (EMERALD ST.) BETWEEN RUBY & EMERALD ON
LORING AVENUE
2008 SPRING CREEK (EMERALD ST.) BETWEEN RUBY & EMERALD ON
LORING AVENUE
2007 SPRING CREEK (EMERALD ST.) BETWEEN RUBY & EMERALD ON
LORING AVENUE
2006 SPRING CREEK (EMERALD ST.) BETWEEN RUBY & EMERALD ON
LORING AVENUE
2005 SPRING CREEK (EMERALD ST.) BETWEEN RUBY & EMERALD ON
LORING AVENUE

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	1006192099	EVERGREEN & FLUSHING AVE	1ST STREET		FINDS
BROOKLYN	S107787353	EXIT 34	ROUTE 278 SOUTHBOUND		NY Spills
BROOKLYN	1006810661	NYCTA-CPM ENVIRONMENTAL ENGINEERIN	36TH ST STA/ 4TH AVE	11232	RCRA-CESQG, FINDS, NY MANIFES
BROOKLYN	1010787649	NYSDOT BIN 2231529	RTE 907C OVER HENDRIX CREEK	11239	RCRA-LQG
BROOKLYN	S109064521	BELL ATLANTIC-NY	E 94 ST/BET CLARKSON AVE KINGS		NY MANIFEST
BROOKLYN	1006817527	NYCDOT GLENMORE AVE BRIDGE #224386	GLENMORE AVE BRG OVER LIRR	11207	RCRA NonGen / NLR
BROOKLYN	S111011715	ROADWAY	KINGS HIGHWAY AND OCEAN PARKWA		NY Spills
BROOKLYN	S107407580	KINGS HIGHWAY MOBIL	KINGS HIGHWAY		NY Spills
BROOKLYN	S106737045	BETW/AVE X &	KINGS HIGHWAY AVE U		NY Spills
BROOKLYN	1001202911	MTA NYCT - BEDFORD & NOSTRAND AVE	LAFAYETTE AVENUE	11216	RCRA NonGen / NLR, FINDS, NY MANIFEST
BROOKLYN	1006817526	NYCDOT LIBERTY AVE BRIDGE #2243850	LIBERTY AVE BRG OVER LIRR	11207	RCRA NonGen / NLR
BROOKLYN	1001215447	MTA NYCT - METROPOLITAN AVE STATIO	METROPOLITAN & NASSAU AVE	11222	RCRA NonGen / NLR, FINDS, NY MANIFEST
BROOKLYN	1007208397	CONSOLIDATED EDISON	MH38210-KINGS HWY & W 7TH ST		RCRA NonGen / NLR, NY MANIFEST
BROOKLYN	1005444409	NYCT-PROSPECT AVE STATION N&R LINE	PROSPECT & 4TH AVE		RCRA NonGen / NLR, FINDS
BROOKLYN	1004759588	NYC BOARD OF EDUCATION PS 369 BKLY	887 STATE STREET	11217	RCRA NonGen / NLR, FINDS, NY MANIFEST
BROOKLYN	1005417281	NEW YORK CITY DEPT OF TRANSPORTATI	STILLWELL AVE	11201	RCRA NonGen / NLR, FINDS, NY MANIFEST
HOWARD BEACH	1014399352	NYSDOT BIN 2231549	RTE 907C OVER 84TH ST	11414	RCRA-LQG
HOWARD BEACH	1014399351	NYSDOT BIN 2231539	RTE 907C OVER SPRING CREEK	11414	RCRA-LQG
JAMAICA	1000911947	LONG ISLAND RAILROAD	FROM BLOECK #S-68B ATLANTIC AV		RCRA NonGen / NLR, FINDS, NY MANIFEST
KINGS COUNTY	S109207895	205842; KINGS HWY	KINGS HWY		NY Spills

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 01/21/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 01/09/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 01/09/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 11/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/10/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 11/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 12/09/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 12/09/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/20/2013	Source: Department of the Navy
Date Data Arrived at EDR: 08/23/2013	Telephone: 843-820-7326
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 11/18/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/10/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 11/13/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/13/2013	Telephone: 518-402-9622
Date Made Active in Reports: 11/18/2013	Last EDR Contact: 11/13/2013
Number of Days to Update: 5	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/20/2013	Telephone: 518-402-9814
Date Made Active in Reports: 03/15/2013	Last EDR Contact: 11/22/2013
Number of Days to Update: 23	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Varies

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

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/08/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/09/2013	Telephone: 518-457-2051
Date Made Active in Reports: 11/14/2013	Last EDR Contact: 01/06/2014
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LTANKS: Spills Information Database

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

Date of Government Version: 09/25/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 09/26/2013	Telephone: 518-402-9549
Date Made Active in Reports: 11/15/2013	Last EDR Contact: 11/22/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

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

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/08/2005	Telephone: 518-402-9549
Date Made Active in Reports: 07/14/2005	Last EDR Contact: 07/07/2005
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/20/2013	Source: EPA, Region 5
Date Data Arrived at EDR: 08/23/2013	Telephone: 312-886-7439
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 70	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013	Source: EPA Region 10
Date Data Arrived at EDR: 11/07/2013	Telephone: 206-553-2857
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 01/27/2014
Number of Days to Update: 49	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013	Source: EPA Region 7
Date Data Arrived at EDR: 08/27/2013	Telephone: 913-551-7003
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/27/2014
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/01/2013	Source: EPA Region 4
Date Data Arrived at EDR: 08/02/2013	Telephone: 404-562-8677
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 91	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 11/01/2013
Number of Days to Update: 184	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal registered storage tank lists

TANKS: Storage Tank Facility Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 11/13/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/13/2013	Telephone: 518-402-9543
Date Made Active in Reports: 11/18/2013	Last EDR Contact: 01/02/2014
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Quarterly

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 11/13/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/13/2013	Telephone: 518-402-9549
Date Made Active in Reports: 11/18/2013	Last EDR Contact: 01/02/2014
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 10/24/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/23/2006
	Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 07/25/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/24/2005
	Data Release Frequency: Varies

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 11/13/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/13/2013	Telephone: 518-402-9549
Date Made Active in Reports: 11/18/2013	Last EDR Contact: 01/02/2014
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 07/25/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/24/2005
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 11/13/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 5

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 11/13/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 5

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 129

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/20/2013	Source: EPA Region 5
Date Data Arrived at EDR: 08/23/2013	Telephone: 312-886-6136
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 70	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013	Source: EPA Region 8
Date Data Arrived at EDR: 08/01/2013	Telephone: 303-312-6137
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 92	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 01/27/2014
Number of Days to Update: 272	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/01/2013	Source: EPA Region 4
Date Data Arrived at EDR: 08/02/2013	Telephone: 404-562-9424
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/27/2014
Number of Days to Update: 91	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 01/27/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 01/13/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/28/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 11/13/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/13/2013	Telephone: 518-402-9553
Date Made Active in Reports: 11/18/2013	Last EDR Contact: 11/13/2013
Number of Days to Update: 5	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 11/13/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/13/2013	Telephone: 518-402-9553
Date Made Active in Reports: 11/18/2013	Last EDR Contact: 11/13/2013
Number of Days to Update: 5	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010	Source: NYC Department of City Planning
Date Data Arrived at EDR: 12/23/2010	Telephone: 212-720-3401
Date Made Active in Reports: 02/11/2011	Last EDR Contact: 12/26/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 11/13/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/13/2013	Telephone: 518-402-9711
Date Made Active in Reports: 11/20/2013	Last EDR Contact: 11/13/2013
Number of Days to Update: 7	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2013	Telephone: 617-918-1102
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 01/03/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a \$200 million Environmental Restoration or Brownfields Fund as part of the \$1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 11/13/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/13/2013	Telephone: 518-402-9622
Date Made Active in Reports: 11/18/2013	Last EDR Contact: 11/13/2013
Number of Days to Update: 5	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 11/13/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/13/2013	Telephone: 518-402-9764
Date Made Active in Reports: 11/18/2013	Last EDR Contact: 11/13/2013
Number of Days to Update: 5	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/24/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/24/2013	Telephone: 202-566-2777
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 12/24/2013
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/07/2014
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 01/27/2014
Number of Days to Update: 137	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 01/23/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Annually

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 10/08/2013
Date Data Arrived at EDR: 10/09/2013
Date Made Active in Reports: 11/14/2013
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/06/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 22

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/05/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 11/13/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 5

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 11/13/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/20/2013
Date Made Active in Reports: 09/11/2013
Number of Days to Update: 22

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 11/08/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 76

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS: Spills Information Database

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

Date of Government Version: 09/25/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 09/26/2013	Telephone: 518-402-9549
Date Made Active in Reports: 11/15/2013	Last EDR Contact: 11/22/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

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

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/08/2005	Telephone: 518-402-9549
Date Made Active in Reports: 07/14/2005	Last EDR Contact: 07/07/2005
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/12/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/07/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

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

Date of Government Version: 09/10/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/02/2013	Telephone: (212) 637-3660
Date Made Active in Reports: 12/16/2013	Last EDR Contact: 01/02/2014
Number of Days to Update: 75	Next Scheduled EDR Contact: 04/14/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/13/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/07/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 06/11/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 143

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/12/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/26/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/06/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/27/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/21/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/21/2014
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/28/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 09/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2013	Telephone: 202-343-9775
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/10/2014
Number of Days to Update: 23	Next Scheduled EDR Contact: 04/21/2014
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/08/2013	Source: EPA
Date Data Arrived at EDR: 03/21/2013	Telephone: (212) 637-3000
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 12/10/2013
Number of Days to Update: 111	Next Scheduled EDR Contact: 03/24/2014
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/25/2012	Telephone: 202-564-8600
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 01/27/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/25/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/12/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 67

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 12/12/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Quarterly

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 11

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 10/17/2013
Date Data Arrived at EDR: 10/17/2013
Date Made Active in Reports: 11/14/2013
Number of Days to Update: 28

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 12/16/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Varies

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 07/15/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 54

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 11/01/2013
Date Made Active in Reports: 01/09/2014
Number of Days to Update: 69

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 09/17/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 11/14/2013
Number of Days to Update: 43

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 12/19/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/15/2013
Date Data Arrived at EDR: 10/16/2013
Date Made Active in Reports: 11/14/2013
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/15/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: N/A

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 10/28/2013
Date Data Arrived at EDR: 10/29/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 38

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/18/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/13/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/01/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/08/2013
Date Data Arrived at EDR: 10/09/2013
Date Made Active in Reports: 11/14/2013
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/15/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: EDR
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: EDR
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/23/2013
Date Data Arrived at EDR: 08/28/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 15

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/23/2013
Date Data Arrived at EDR: 08/28/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 15

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/21/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/21/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 09/19/2013
Date Data Arrived at EDR: 09/20/2013
Date Made Active in Reports: 11/13/2013
Number of Days to Update: 54

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/19/2013
Date Data Arrived at EDR: 09/20/2013
Date Made Active in Reports: 11/13/2013
Number of Days to Update: 54

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 09/10/2013
Date Made Active in Reports: 11/25/2013
Number of Days to Update: 76

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 09/10/2013
Date Made Active in Reports: 11/25/2013
Number of Days to Update: 76

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 09/11/2013
Date Data Arrived at EDR: 09/12/2013
Date Made Active in Reports: 11/13/2013
Number of Days to Update: 62

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 09/11/2013
Date Data Arrived at EDR: 09/12/2013
Date Made Active in Reports: 11/13/2013
Number of Days to Update: 62

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/22/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/17/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/25/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 11/12/2013
Date Data Arrived at EDR: 11/20/2013
Date Made Active in Reports: 12/11/2013
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/11/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers

Source: Department of Health

Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

888 FOUNTAIN AVE
888 FOUNTAIN AVE
BROOKLYN, NY 11239

TARGET PROPERTY COORDINATES

Latitude (North):	40.6573 - 40° 39' 26.28"
Longitude (West):	73.8667 - 73° 52' 0.12"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	595807.8
UTM Y (Meters):	4501121.5
Elevation:	9 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40073-F7 JAMAICA, NY
Most Recent Revision:	1994

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

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

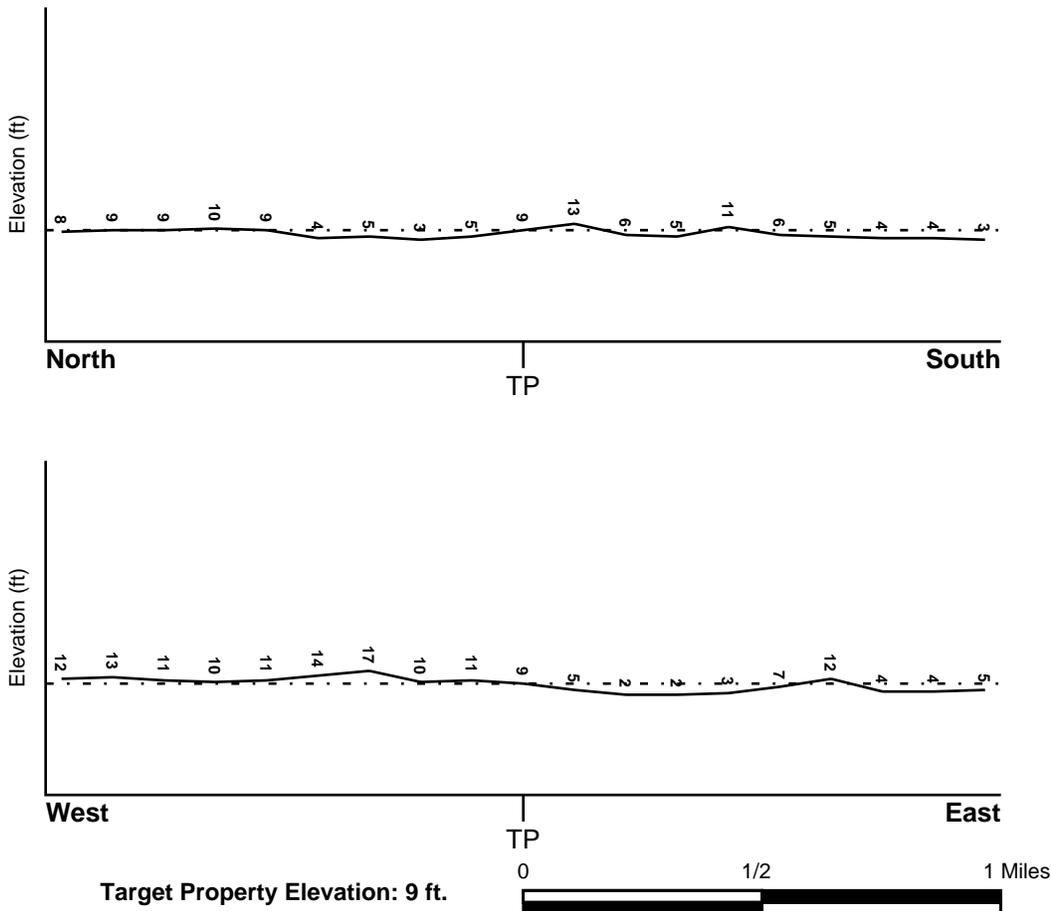
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> KINGS, NY	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	360497 - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> JAMAICA	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
---	---

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Location Relative to TP:	1 - 2 Miles SW
Site Name:	PENNSYLVANIA/FOUNTAIN AVE LF
Site EPA ID Number:	NY6141790018
Groundwater Flow Direction:	TOWARD JAMAICA BAY.
Measured Depth to Water:	approximately 5 to 10 feet above mean sea level.
Hydraulic Connection:	Detailed hydraulic connection information is not available. The site is underlain by silt, sand, and gravel to a depth of approximately 55 feet. The Gardiners Clay unit underlies the upper silt, sand, and gravel, and is estimated to be 20 feet thick.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Pleistocene
Code: Qp *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam
sand
mucky - loamy sand

Surficial Soil Types: sandy loam
sand
mucky - loamy sand

Shallow Soil Types: sand
loamy sand

Deeper Soil Types: stratified
gravelly - coarse sand
sand

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000827625	1/4 - 1/2 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	USGS40000827477	1/2 - 1 Mile WNW
3	USGS40000827776	1/2 - 1 Mile NE
4	USGS40000827932	1/2 - 1 Mile NNW
5	USGS40000828073	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

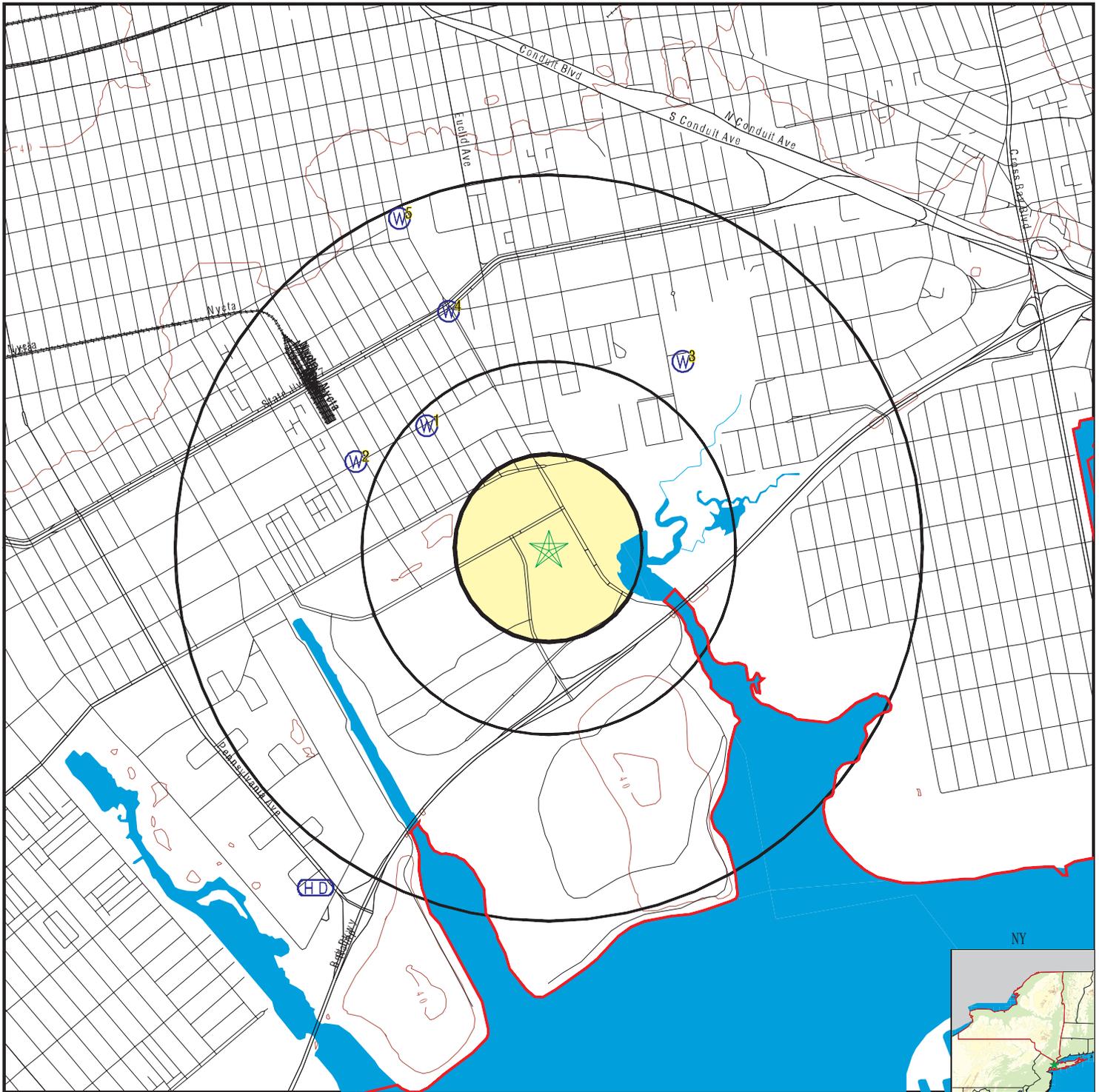
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

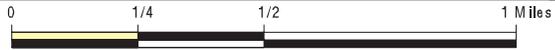
STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 3841488.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 888 Fountain Ave
 ADDRESS: 888 Fountain Ave
 Brooklyn NY 11239
 LAT/LONG: 40.6573 / 73.8667

CLIENT: Env. Business Consultants
 CONTACT: Chawinie Miller
 INQUIRY #: 3841488.2s
 DATE: January 28, 2014 4:52 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
NW **FED USGS** **USGS40000827625**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-403943073522401		
Monloc name:	K 142. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.662048
Longitude:	-73.8729135	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	20-foot Clay		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	64
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
WNW **FED USGS** **USGS40000827477**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-403938073523701		
Monloc name:	K 2610. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6606592
Longitude:	-73.8765247	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	5.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	60
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

3
NE
1/2 - 1 Mile
Higher

FED USGS USGS40000827776

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-403952073513701		
Monloc name:	K 3426. 1		
Monloc type:	Well		
Monloc desc:	3701		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.664548
Longitude:	-73.8598576	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	494
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

4
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40000827932

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-403959073522001		
Monloc name:	K 680. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6664924
Longitude:	-73.8718024	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	5.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	434
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

5
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40000828073

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404012073522901		
Monloc name:	K 1286. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6701034
Longitude:	-73.8743025	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	164
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Department of Environmental Conservation

Telephone: 518-402-8072

These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX M

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS



Development Advisory Services
55 Watermill Lane, Suite 200, Great Neck, NY 11021, tel: 718-343-0026 fax: 516-487-2439

**888 Fountain Avenue
Brooklyn, New York
Block 4586, Lot 300**

Phase II Environmental Site Assessment

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APPENDIX: **A. Site Photographs**
 B. Laboratory Data Analytical Reports
 C. Soil Boring Report Logs

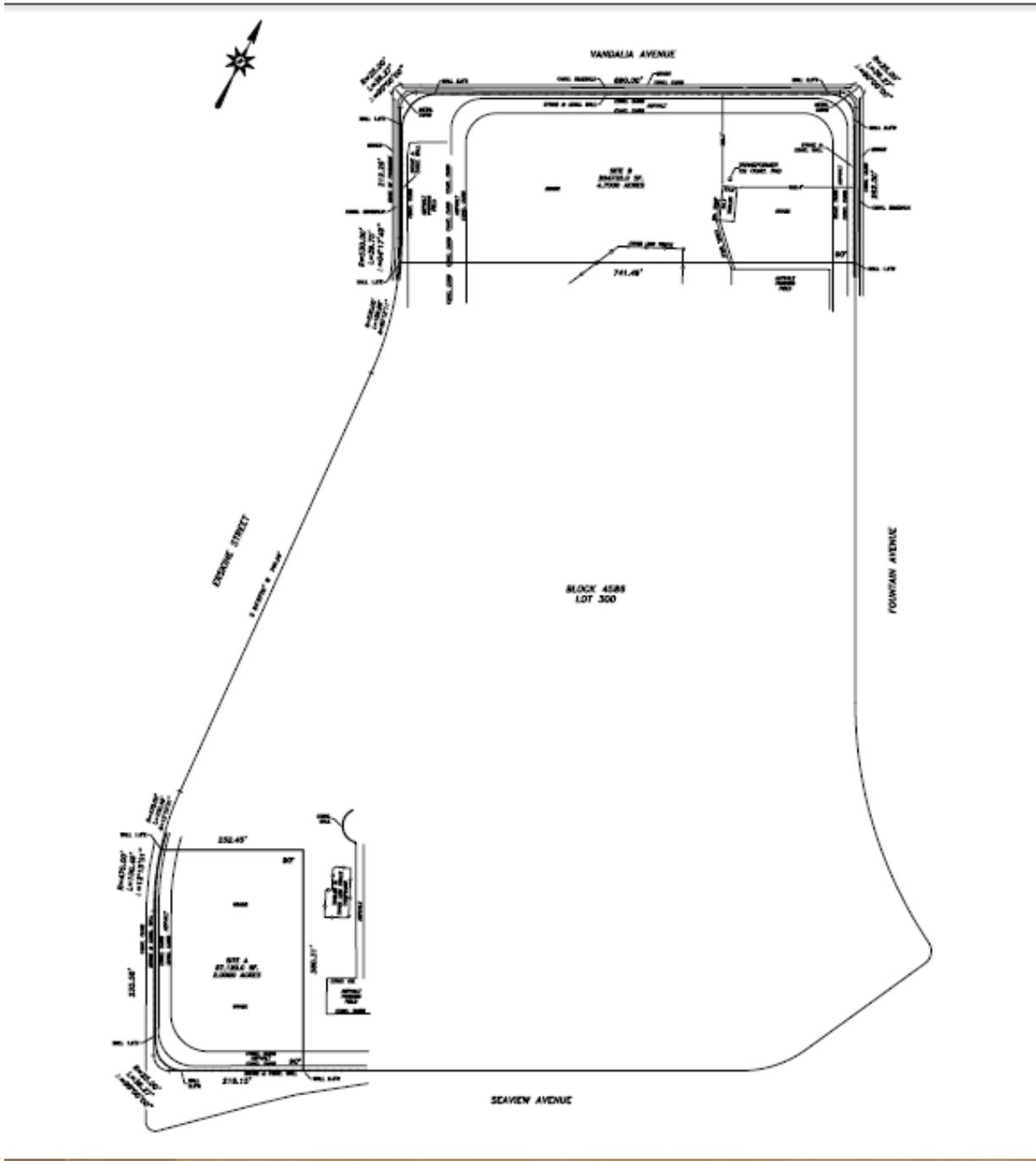
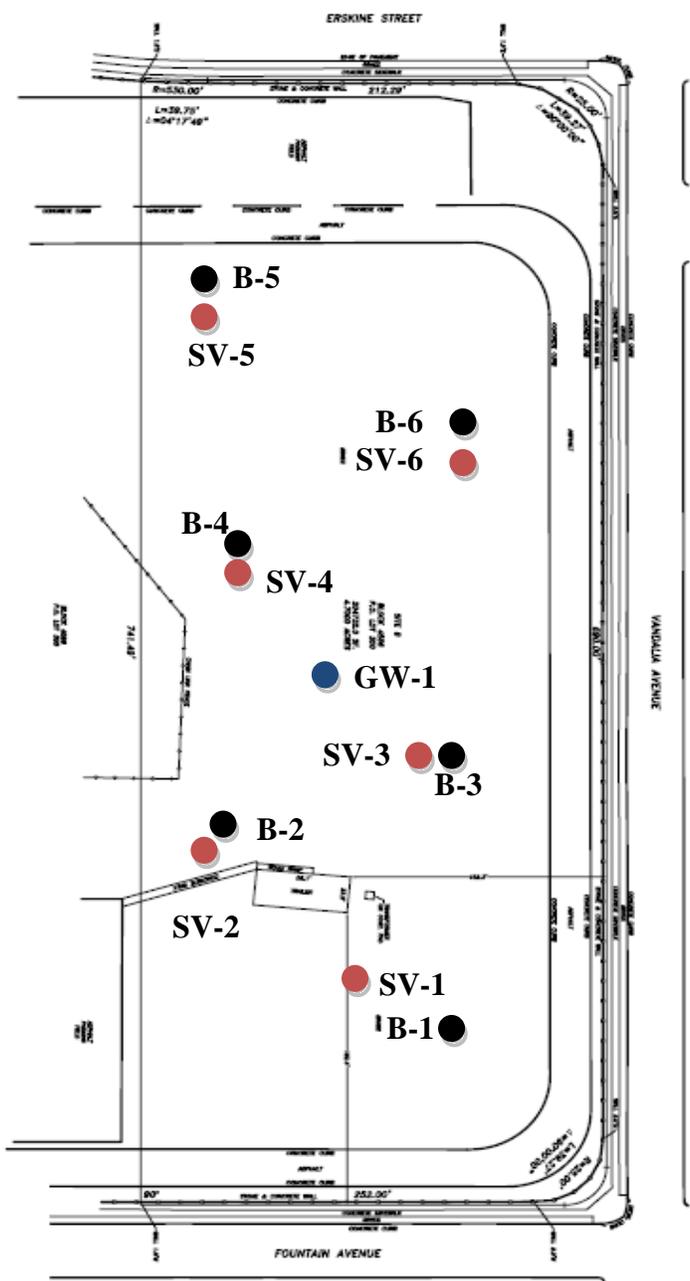


Figure 1

EDPSCO

Property Located at:
888 Fountain Avenue
Brooklyn, New York

Property Location
Survey
Sites A & B



Scale: 1in. = 80ft

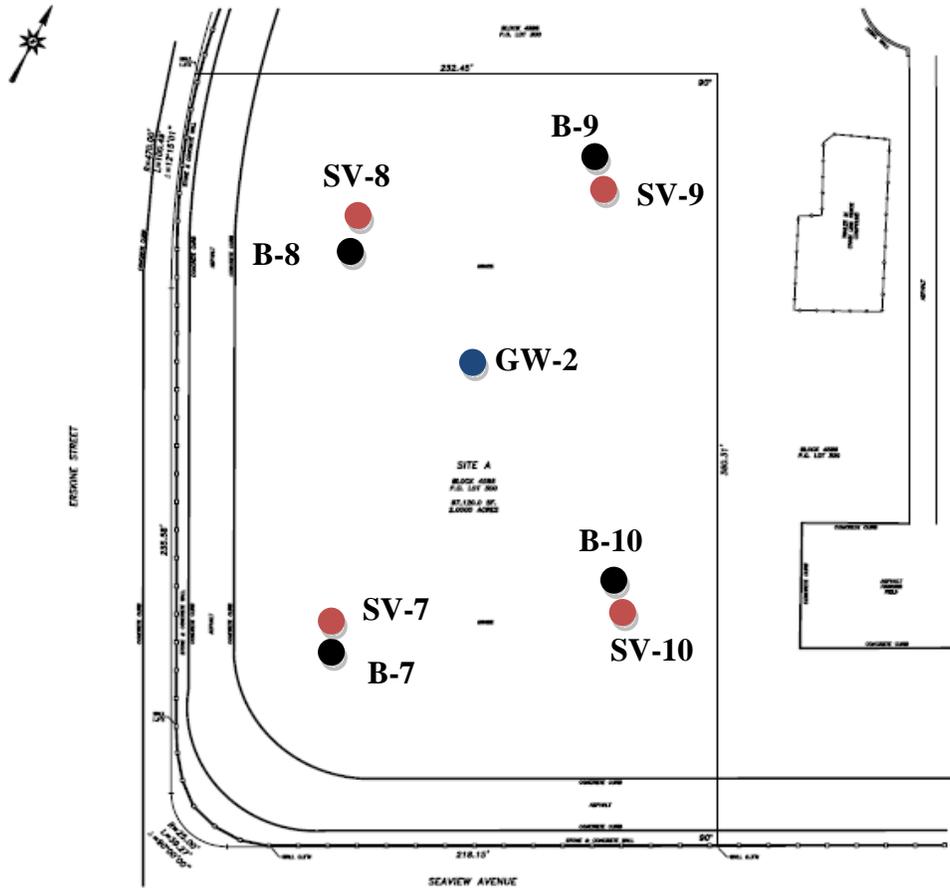
● Soil Boring ● GW Sample ● SV Sample

Figure 2

EDPSCO

Property Located at:
888 Fountain Avenue
Brooklyn, New York

Sampling Collection
Locations
Site B



Scale: 1in. = 80ft

● Soil Boring ● GW Sample ● SV Sample

Figure 3

EDPSCO

Property Located at:
888 Fountain Avenue
Brooklyn, New York

Sampling Collection
Locations
Site A

EDPSCO

SOIL BORING REPORT LOG

DATE 8-14-2014	SHEET 1 OF 1
CLIENT EDPSCO	LOCATION ID#
PROJECT LOCATION 888 Fountain Ave Brooklyn NY	B - 1
REMARKS : Site B	PROJECT 14443

DRILLING CONTRACTOR TSDT, INC.		LOGGED BY PR	DRILLER JB
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL	Groundwater Collection
TYPE	Macrocore		DRILL RIG
SIZE	2 inch O.D.		DRILL METHOD
SURFACE ELEVATION approx.. 15 ft		Surface Materials: Grass	
		Geoprobe 7822 Direct Push	

WATER LEVEL (IN OPEN BOREHOLE) 12.5 ft @ end of boring in open hole

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	S-1	0 - 5	0.0	dry		Topsoil Light Brown SOFT Fine-Medium SAND (FILL)
5	S-2	5 -10	0.0			Light Brown/Gray SOFT Fine-Medium SAND Little shell fragments (FILL)
10	S-3	10- 15	0.0			Light Brown/Gray SOFT Fine-Medium SAND Little shell fragments (FILL)
				▼	WT=12.5ft	Brown SOFT Fine SAND (FILL)
				Wet		
15	S-4	15 – 20	0.0			Gray/Black Dense Fine SAND mixed with red brick, coal cinders, stone, glass fragments, wood debris (URBAN FILL)
20	S-5	20 – 25	0.0			Black Dense Fine –Course SAND coal slag mixed with construction debris (URBAN FILL)
25	S-6	25 - 30	0.0		27ft	Black/Gray Dense Fine –Course SAND crushed concrete, coal slag, wood/construction debris (URBAN FILL)
				▼		Gray Fine SAND little organic peat (SP)
30						EOB @ 30 ft

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SOIL BORING REPORT LOG

DATE 8-14-2014	SHEET 1 OF 1
CLIENT EDPSCO	LOCATION ID#
PROJECT LOCATION 888 Fountain Ave Brooklyn NY	B - 2
REMARKS : Site B	PROJECT 14443

DRILLING CONTRACTOR TSDT, INC.		LOGGED BY PR	DRILLER JB
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL	Groundwater Collection
TYPE	Macrocore		PVC
SIZE	2 inch O.D.		Piezometer
SURFACE ELEVATION approx.. 12 ft		Surface Materials: Grass	
		DRILL RIG	
		DRILL METHOD	
		Geoprobe 7822 Direct Push	

WATER LEVEL (IN OPEN BOREHOLE) 10.5 ft @ end of boring in open hole

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	S-1	0 - 5	0.0	dry	WT=10.5ft	Topsoil Light Brown SOFT Fine-Medium SAND (FILL)
5	S-2	5 -10	0.0			Black SOFT Fine SAND mixed with red brick, coal cinders, stone, glass fragments, wood debris (URBAN FILL)
10	S-3	10- 15	0.0			Black Dense Fine –Course SAND coal slag mixed with construction debris (URBAN FILL)
15	S-4	15 – 20	0.0	Wet		Black/Gray Dense Fine –Course SAND crushed concrete, coal slag, wood/construction debris (URBAN FILL)
					20ft	
20	S-5	20 – 25	0.0		EOB @ 30 ft	Gray Fine SAND little organic peat (SP)
						Gray Dense Fine SAND trace fine gravel (SP)
25	S-6	25 - 30	0.0			
30						

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SOIL BORING REPORT LOG

DATE 8-14-2014	SHEET 1 OF 1
CLIENT EDPSCO	LOCATION ID#
PROJECT LOCATION 888 Fountain Ave Brooklyn NY	B - 3
REMARKS : Site B	PROJECT 14443

DRILLING CONTRACTOR TSDT, INC.		LOGGED BY PR	DRILLER JB
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL	Groundwater Collection
TYPE	Macrocore		DRILL RIG
SIZE	2 inch O.D.		DRILL METHOD
SURFACE ELEVATION approx.. 15 ft		Surface Materials: Grass	
Geoprobe 7822 Direct Push			

WATER LEVEL (IN OPEN BOREHOLE) 12.3 ft @ end of boring in open hole

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	S-1	0 - 5	0.0	dry		Topsoil Light Brown SOFT Fine-Medium SAND (FILL)
5	S-2	5 -10	0.0			Light Brown/Gray SOFT Fine-Medium SAND Little shell fragments (FILL)
10	S-3	10- 15	0.5			Light Brown/Gray SOFT Fine-Medium SAND Little shell fragments (FILL)
				↓ Wet	WT=12.3ft	Brown SOFT Fine SAND (FILL)
15	S-4	15 – 20	0.0		25ft	Gray/Black Dense Fine SAND mixed with red brick, coal cinders, stone, glass fragments, wood debris (URBAN FILL)
20	S-5	20 – 25	0.0			Black Dense Fine –Course SAND coal slag mixed with construction debris (URBAN FILL)
						Black/Gray Dense Fine –Course SAND crushed concrete, coal slag, wood/construction debris (URBAN FILL)
25	S-6	25 - 30	0.0			Gray/Black CLAY and organic peat bog (Pt)
						Gray Very Fine SAND
30				↓		EOB @ 30 ft

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SOIL BORING REPORT LOG

DATE 8-14-2014	SHEET 1 OF 1
CLIENT EDPSCO	LOCATION ID#
PROJECT LOCATION 888 Fountain Ave Brooklyn NY	B - 4
REMARKS : Site B	PROJECT 14443

DRILLING CONTRACTOR TSDT, INC.		LOGGED BY PR	DRILLER JB
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL	Groundwater Collection
TYPE	Macrocore		DRILL RIG
SIZE	2 inch O.D.		DRILL METHOD
SURFACE ELEVATION approx.. 15 ft		Surface Materials: Grass	
		Geoprobe 7822 Direct Push	

WATER LEVEL (IN OPEN BOREHOLE) 8.0 ft @ end of boring in open hole

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	S-1	0 - 5	0.0	dry	WT=8 ft	Topsoil Light Brown SOFT Fine-Medium SAND (FILL)
5	S-2	5 -10	0.0			Light Brown/Gray SOFT Fine-Medium SAND Little shell fragments (FILL)
				↓ Wet		Light Brown/Gray SOFT Fine-Medium SAND Little shell fragments (FILL)
10	S-3	10- 15	3.2			
					17ft	<i>"Petroleum Type Odors evident"</i> Gray/Black Dense Fine SAND mixed with red brick, coal cinders, stone, glass fragments, wood debris (URBAN FILL)
15	S-4	15 – 20	16.0			
						Brown Organic Peat Bog (Pt)
20	S-5	20 – 25	1.3			Gray Fine SAND little organic peat (SP)
						Brown/Gray Dense Fine SAND trace fine gravel SP
25	S-6	25 - 30	0.0			
				↓		EOB @ 30 ft
30						

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SOIL BORING REPORT LOG

DATE 8-14-2014	SHEET 1 OF 1
CLIENT EDPSCO	LOCATION ID#
PROJECT LOCATION 888 Fountain Ave Brooklyn NY	B - 5
REMARKS : Site B	PROJECT 14443

DRILLING CONTRACTOR	TSDT, INC.	LOGGED BY	PR	DRILLER	JB
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL	Groundwater Collection		DRILL RIG
TYPE	Macrocore				DRILL METHOD
SIZE	2 inch O.D.				Geoprobe 7822 Direct Push
SURFACE ELEVATION approx.. 15 ft		Surface Materials: Grass			
WATER LEVEL (IN OPEN BOREHOLE) 11.0 ft @ end of boring					

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	S-1	0 - 5	0.0	dry	WT=11 ft	Topsoil Light Brown SOFT Fine-Medium SAND (FILL)
5	S-2	5 -10	0.0			Light Brown/Gray SOFT Fine-Medium SAND (FILL)
				↓		Light Brown/Gray SOFT Fine-Medium SAND (FILL)
10	S-3	10- 15	1.3	Wet		Wood Debris (FILL)
						<i>"Petroleum Type Odors evident"</i>
15	S-4	15 – 20	13.0			Gray/Black Dense Fine SAND mixed with red brick, coal cinders, stone, glass fragments, wood debris (URBAN FILL)
						Gray/Black Dense Fine SAND mixed with red brick, coal cinders, stone, glass fragments, wood debris
20	S-5	20 – 25	1.0			25ft
						t
25	S-6	25 - 30	0.0			Brown Organic Peat Bog (Pt)
					Brown/Gray Dense Fine SAND trace fine gravel SP	
				↓	EOB @ 30 ft	
30						

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SOIL BORING REPORT LOG

DATE 8-14-2014	SHEET 1 OF 1
CLIENT EDPSCO	LOCATION ID#
PROJECT LOCATION 888 Fountain Ave Brooklyn NY	B - 6
REMARKS : Site B	PROJECT 14443

DRILLING CONTRACTOR TSDT, INC.		LOGGED BY PR	DRILLER JB
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL	Groundwater Collection
TYPE	Macrocore		DRILL RIG
SIZE	2 inch O.D.		DRILL METHOD
SURFACE ELEVATION approx.. 15 ft		Surface Materials: Grass	
		Geoprobe 7822 Direct Push	

WATER LEVEL (IN OPEN BOREHOLE) 12.5 ft @ end of boring in open hole

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	S-1	0 - 5	0.0	dry	WT=12.5ft	Topsoil
						Light Brown SOFT Fine-Medium SAND (FILL)
5	S-2	5 -10	0.0			Light Brown/Gray SOFT Fine-Medium SAND (FILL)
						Light Brown/Gray SOFT Fine-Medium SAND (FILL)
10	S-3	10- 15	3.2			Brown/Gray SOFT Fine SAND (FILL)
				Wet		
						Gray/Black Dense Fine SAND mixed with red brick, coal cinders, stone, glass fragments, wood debris, Rubber scraps (URBAN FILL)
15	S-4	15 – 20	1.7		24ft	Black Dense Fine –Course SAND coal slag mixed with construction debris (URBAN FILL)
						Black/Gray Dense Fine –Course SAND crushed concrete, coal slag, wood/construction debris (URBAN FILL)
20	S-5	20 – 25	0.1			
25	S-6	25 - 30	0.0			Gray Fine SAND trace gravel (SP)
				↓		EOB @ 30 ft
30						

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SOIL BORING REPORT LOG

DATE 8-14-2014	SHEET 1 OF 1
CLIENT EDPSCO	LOCATION ID#
PROJECT LOCATION 888 Fountain Ave Brooklyn NY	B - 7
REMARKS : Site A	PROJECT 14443

DRILLING CONTRACTOR TSDT, INC.		LOGGED BY PR	DRILLER JB
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL	Groundwater Collection
TYPE	Macrocore		DRILL RIG
SIZE	2 inch O.D.		DRILL METHOD
SURFACE ELEVATION approx.. 11 ft		Surface Materials: Grass	
Geoprobe 7822 Direct Push			

WATER LEVEL (IN OPEN BOREHOLE) 11.0 ft @ end of boring in open hole

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	S-1	0 - 5	0.0	dry		Topsoil
						Light Brown SOFT Fine-Medium SAND (FILL)
5	S-2	5 -10	0.0			Light Brown SOFT Fine-Medium SAND (FILL)
				↓		
10	S-3	10- 15	0.0	Wet	WT=11 ft	Light Brown/Gray SOFT Fine-Medium SAND (URBANFILL)
						Red brick/coal cinders
15	S-4	15 – 20	.0			Gray SOFT Fine-Medium SAND (SP)
						Little shell fragments
20	S-5	20 – 25	0.0			Gray SOFT Fine-Medium SAND (SP)
						Gray Dense Fine SAND trace fine gravel SP
25	S-6	25 - 30	0.0			
				↓		
30						EOB @ 30 ft

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SOIL BORING REPORT LOG

DATE 8-14-2014	SHEET 1 OF 1
CLIENT EDPSCO	LOCATION ID#
PROJECT LOCATION 888 Fountain Ave Brooklyn NY	B - 8
REMARKS : Site A	PROJECT 14443

DRILLING CONTRACTOR TSDT, INC.		LOGGED BY PR	DRILLER JB
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL	Groundwater Collection
		1-inch PVC	
TYPE	Macrocore		DRILL RIG
SIZE	2 inch O.D.		DRILL METHOD
		Groundwater sample collected	Geoprobe 7822 Direct Push
SURFACE ELEVATION approx.. 15 ft	Surface Materials: Grass		

WATER LEVEL (IN OPEN BOREHOLE) 8.0 ft @ end of boring in open hole

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	S-1	0 - 5	0.0	dry		Topsoil Light Brown SOFT Fine-Medium SAND (FILL)
5	S-2	5 -10	0.0			Light Brown/Gray SOFT Fine-Medium SAND Little shell fragments (FILL)
				↓ Wet		Light Brown/Gray SOFT Fine-Medium SAND Little shell fragments (FILL)
10	S-3	10- 15	3.0		17ft	Gray/Black Dense Fine SAND mixed with red brick, coal cinders, stone, glass fragments, wood debris (URBAN FILL)
15	S-4	15 – 20	0.0			Brown Organic Peat Bog (Pt)
20	S-5	20 – 25	0.0			Gray Fine SAND little organic peat (SP)
25	S-6	25 - 30	0.0			Brown/Gray Dense Fine SAND trace fine gravel SP
				↓		EOB @ 30 ft
30						

EDPSCO

SOIL BORING REPORT LOG

DATE 8-14-2014	SHEET 1 OF 1
CLIENT EDPSCO	LOCATION ID#
PROJECT LOCATION 888 Fountain Ave Brooklyn NY	B - 9
REMARKS : Site A	PROJECT 14443

DRILLING CONTRACTOR TSDT, INC.	LOGGED BY PR	DRILLER JB	
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL	Groundwater Collection
TYPE	Macrocore	1-inch PVC	DRILL RIG
SIZE	2 inch O.D.	Groundwater sample collected	DRILL METHOD
SURFACE ELEVATION approx.. 12 ft	Surface Materials: Grass		

WATER LEVEL (IN OPEN BOREHOLE) 8.0 ft @ end of boring in open hole

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION	
	S-1	0 - 5	0.0	dry		Topsoil Light Brown SOFT Fine-Medium SAND (FILL)	
5	S-2	5 -10	0.0			WT=8 ft	Light Brown/Gray SOFT Fine-Medium SAND Little shell fragments (FILL)
				↓ Wet			Light Brown/Gray SOFT Fine-Medium SAND Little shell fragments (FILL)
10	S-3	10- 15	0.0		17ft	Gray/Black Dense Fine SAND mixed with red brick, coal cinders, stone, glass fragments, wood debris (URBAN FILL)	
15	S-4	15 – 20	0.0				Brown Organic Peat Bog (Pt)
20	S-5	20 – 25	0.0				Gray Fine SAND little organic peat (SP)
25	S-6	25 - 30	0.0			Brown/Gray Dense Fine SAND trace fine gravel SP	
				↓		EOB @ 30 ft	
30							

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SOIL BORING REPORT LOG

DATE 8-14-2014	SHEET 1 OF 1
CLIENT EDPSCO	LOCATION ID#
PROJECT LOCATION 888 Fountain Ave Brooklyn NY	B - 10
REMARKS : Site A	PROJECT 14443

DRILLING CONTRACTOR TSDT, INC.		LOGGED BY PR	DRILLER JB
EQUIPMENT	SOIL SAMPLER	HAMMER WEIGHT/FALL	Groundwater Collection
TYPE	Macrocore		DRILL RIG
SIZE	2 inch O.D.		DRILL METHOD
SURFACE ELEVATION approx.. 15 ft		Surface Materials: Grass	
		Geoprobe 7822 Direct Push	

WATER LEVEL (IN OPEN BOREHOLE) 9.0 ft @ end of boring in open hole

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION
	S-1	0 - 5	0.0	dry		Topsoil
						Light Brown SOFT Fine-Medium SAND (FILL)
5	S-2	5 -10	0.0			Light Brown/Gray SOFT Fine-Medium SAND (FILL)
				↓	WT 9 ft	
				Wet		
10	S-3	10- 15	3.0		17ft	Light Brown/Gray Dense Fine SAND Trace shell fragments (SP)
						Light Brown/Gray SOFT Fine-Medium SAND Trace shell fragments (SP)
15	S-4	15 – 20	0.0			
20	S-5	20 – 25	0.0			Brown/Gray Dense Fine SAND (SP)
25	S-6	25 - 30	0.0			Brown/Gray Dense Fine SAND (SP)
				↓		EOB @ 30 ft
30						