

Greenpoint-Williamsburg Rezoning EIS

CHAPTER 11: HAZARDOUS MATERIALS

A. INTRODUCTION

An assessment of hazardous materials is required as part of the zoning changes proposed for the Greenpoint-Williamsburg area as part of the proposed action. Rezoning of lots that have been historically used for manufacturing to a residential use, including conversion of existing structures, may lead to increased exposure of hazardous materials, some of which may have significant adverse impacts to human health or the environment if these materials are not adequately addressed. As part of the process of rezoning a manufacturing zone to allow a commercial or residential zone, new development in a manufacturing zone, or development adjacent to a manufacturing zone, a hazardous materials assessment is required. A hazardous materials assessment begins with a Phase I Environmental Site Assessment (ESA) which is to be conducted in accordance with American Society of Testing and Materials (ASTM) protocol E-1527. Because the majority of the sites are privately owned, the hazardous materials scope for this project was limited to observation from public access ways (i.e., streets and sidewalks). Therefore, a full Phase I ESA did not occur.

The analyses were undertaken to determine whether additional investigations are necessary and whether remediation or an (E) designation should be required to avoid the potential for impact. The sites were subject to a preliminary screening which leads to a recommendation whether the site is to be mapped with an (E)-designation. An (E)-designated site is an area designated on a zoning map within which no change of use or development requiring a New York City Department of Buildings permit may be issued without approval of the New York City Department of Environmental Protection (DEP). These sites require the DEP's review to ensure protection of human health and the environment from any known or suspected hazardous materials associated with the site.

As described in the *CEQR Technical Manual*, the goal of a hazardous materials assessment is to determine whether a proposed action would lead to a potential increased exposure of hazardous materials to people or the environment or whether the increased exposure would lead to significant public health impacts or environmental damage. The objective of the hazardous materials assessment is to determine which, if any, of the projected and potential development sites identified as part of the reasonable worst case development scenario (RWCDs) may have been adversely affected by current or historical uses at, adjacent to, or within 400 feet of the sites such that the property would require an (E) designation.

Hazardous materials, as defined in the *CEQR Technical Manual*, are any substance that poses a threat to human health and the environment including, but not limited to, heavy metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), methane, polychlorinated biphenyls (PCBs), pesticides, polychlorinated dibenzodioxins, dibenzofurans, and hazardous wastes. Hazardous wastes are defined under the regulations promulgated by the Resource Conservation and Recovery Act (RCRA) as solid waste that meets at least one of the four characteristics: ignitability, corrosivity, reactivity, and/or toxicity. A listed hazardous waste originates from a non-specific source and is identified in NYCRR Part 371.4.

For the Greenpoint-Williamsburg rezoning area, 340 sites were identified as either potential or projected development (See Chapter 1, “Project Description”). Each of these sites were evaluated by reviewing 1) historical topographic maps and Sanborn fire insurance maps; 2) an environmental regulatory database summary for the project area including a 1,000 foot buffer area; and 3) observing the sites to identify environmental conditions that may be associated with a particular property.

Historic United States Geological Survey (USGS) topographic maps dated 1995, 1979, 1967, 1956, 1943 and 1900 were obtained from EDR and reviewed to assess changing conditions within the project area. Several historic maps of the Greenpoint-Williamsburg area were available on the Internet and were also reviewed for this project.

A Site Observation Sheet was formed to standardize the review of each site to include pertinent information such as the current occupants or site operations/activity, Tax Block and Lot numbers, addresses, land use, lot size, historic site information, building information, notes on general environmental related observations, neighboring property uses, and listings on environmental regulatory agency databases.

The Site Observation Sheets were prepared for 339 of the 340 sites associated with the proposed action, and they are included as Appendix D. A Site Observation Sheet was not prepared for Site 211 because a Phase I report was recently completed for this site. A summary of the Phase I Report for Site 211 is provided within this chapter.

B. EXISTING CONDITIONS

Historic Sanborn Fire Insurance Map Review

Sanborn maps were also obtained from EDR and reviewed to assess site activities and operations from specific years over the period of 1887 through 1996. For the majority of the sites, the Sanborn map coverage included 1887, 1905, 1916, 1942, 1951, 1965, 1978-1983, 1986-1989, 1991-1993, 1995, and 1996. However, the southern portion of the proposed action area appears to have been mapped during other years. Therefore, maps dated 1904, 1918, 1935, 1947, 1950, 1965, 1977, 1979-1982, 1984, 1986-1987, 1989, 1991-1993, 1995, and 1996 were reviewed for the southernmost portion. Sanborn maps for 1887 were not available for a small portion of the proposed action area, specifically, Blocks 2372, 2375, 2387, 2399 and 2590, which correspond to Sites 67, 68, 280 through 282, 286 through 290, and 308 through 310. The 1887 Sanborn maps typically do not have much detail and the information that is provided is generally limited to stables, sheds or unidentified structures.

Because the Sanborn maps were periodically issued, information provided by the maps may not be all inclusive. As such, there may be other site occupants or activities that are not identified herein. Also, names of facilities identified on the Sanborn maps are indicated on the Site Observation Sheets as they appear on the maps. Therefore, the facilities may not have a complete (i.e., site activity with no named occupant) or accurate identification (i.e., incorrect spelling or spelling that changed or was revised since the date of the specific map).

The historic Sanborn maps were reviewed for each projected and potential development site. The review consisted of identifying the name(s) of the occupant(s), the type of business conducted, and the years of occupancy for each of the specific lots. Additional information, such as whether the lot had

gas tanks, chemical tanks, vats, vaults, kilns, elevators, boilers, etc., was noted when provided for a specific site. Adjacent and nearby lots were also reviewed to identify any recognized environmental conditions. Facilities listed in Appendix 1 of the *CEQR Technical Manual* were particularly noted. For example, lots that were identified as having a prior land use such as gas stations, iron works, plating, foundries, paint manufacturers, junk yards, etc. that make use of, potentially generate, or dispose chemicals that may have a deleterious effect on the environment. For adjacent or nearby lots, the historic land use was investigated considering activities at these sites may have the potential to release chemicals to the environment. Adjacent or nearby lots may be a concern to a specific site if chemicals, when released to groundwater, have the potential to migrate off site. A summary of historic notes from the Sanborn maps are provided on the Site Observation Sheets in Appendix D and were available prior to site reconnaissance.

New York City Building Department File Review

New York City Department of Buildings (DOB) files were reviewed for each of the lots comprising projected and potential development sites by accessing the DOB web site. Information noted in this review included identifying the number of DOB violations, complaints, Environmental Control Board (ECB) violations, and oil burner applications including the date of the application. Because of the volume of violations and complaints for some sites, no further detail is provided herein. However, the majority of the violations appear to be for non-environmental related issues including, but not limited to, certificate of occupancy issues such as illegal residences or non-operational or un-inspected elevators. Most complaints appear to be non-founded after the DOB follow-up investigation of the complaint.

Site Observations

Site observations occurred predominantly during October, November and December 2003. Each site was observed to identify existing environmental conditions and note any potential evidence of historic conditions. Notes were recorded on each site's respective Site Observation Sheet.

Because each of the sites were not accessible for this effort, the site reconnaissance occurred from public access ways, such as streets and sidewalks. Therefore, observations were often limited to the exteriors of buildings and lots. When opportunities existed (i.e. bay doors or overhead roll up doors were open), observers noted additional information such as site activities, conditions, contents and equipment present during the survey. Additionally, photographs were taken and cataloged for each site.

Each site was observed with special attention toward recognized environmental conditions. These environmental conditions include, but are not limited to, the following: the nature of the operations at a property; evidence of petroleum bulk storage tanks from either an oil fill port and/or vent; roof or sidewall vents where potential air discharges occur; electrical transformers or large capacitors; sheens, discoloration or staining of surfaces on or adjacent to a property; topographical disturbances including excavation and filling; stressed vegetation; and solid waste disposal practices. Activities or occupants of adjacent properties were also noted to assess the possibility of a neighboring property contributing an impact on each of the projected or potential sites.

Environmental Database Listing Review

The environmental regulatory file review included a summary of federal databases maintained by the United States Environmental Protection Agency (USEPA) and state databases maintained by the New York State Department of Environmental Conservation (NYSDEC). For this project, the file search was based on the ASTM standard but included a generic 1,000 foot radius as per the *CEQR Technical Manual* rather than the various ASTM search distances for the specific databases. Supplemental ASTM database summaries were also included in this package. A list of acronyms utilized in this chapter is identified in Table 11-1.

A summary of the environmental database review highlighting the properties with greater potential concern is provided below. Names of facilities identified within this chapter and on the Site Observation Sheets are indicated as they appear in the listing. Therefore, the facilities may not have a complete (i.e., address with no name) or accurate identification (i.e., incorrect spelling).

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

Sites listed in the CERCLIS database are potentially hazardous waste sites that have been reported to the United States Environmental Protection Agency by states, municipalities, private companies or private persons. These listings include sites proposed or already on the National Priority List (NPL) and those undergoing screening and/or assessment for inclusion on the NPL.

Service Plating Company, at 154 North 7th Street (Site 210) is listed on the CERCLIS database. This site has been issued notice letters by NYCDEP for odor complaints where there was no action by the owner. The site was reported to be non-operational and contained acids and cyanides in open vats or tanks. A preliminary assessment of the site completed on August 10, 1998 indicated that it was eligible for removal. The removal activity was completed on November 4, 1998. This site is also listed on the FINDS, FTTS, RCRIS-SQG, and UST databases. Blocks 2319 (Site 189), 2326 (Sites 205 and 206), 2327 (Sites 207 through 210), and 2335 (Sites 217 and 218) are within 400 feet of Service Plating Company.

CERCLIS – No Further Remedial Action Planned (CERC-NFRAP)

Sites that are listed on the CERC-NFRAP database have been removed from the NPL. The removal from the NPL may be based on no contamination being found, contamination that was removed without the need for inclusion on the NPL, or contamination that was not significant enough for NPL consideration.

City Barrel & Drum Company, at 421 Meeker Avenue (Site 93) is listed on the CERC-NFRAP database. The assessment history of this site includes discovery, archive site, and a preliminary assessment. This site is also identified on the FINDS and RCRIS-SQG databases with no violations reported. Blocks 2719 (Sites 87 through 89), 2723 (Sites 113 through 117), 2724 (Sites 94 and 95), 2733 (Site 137), and 2734 (Sites 138 through 140) are within both 400 feet of City Barrel & Drum and the proposed action area boundaries.

TABLE 11-1
List of Acronyms

ACM	asbestos containing material
ACO	Administrative Consent Order
AIRS	Aerometric Information Retrieval System
ARAR	Applicable or Relevant and Appropriate Requirement
ASTM	American Society of Testing and Materials
ASTs	Aboveground Storage Tanks
bgs	below ground surface
BROWNFIELDS	A listing of Brownfields Sites
C&D	Construction and Demolition debris
CBS	Chemical Bulk Storage
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS - No Further Remedial Action Planned
CFR	Code of Federal Regulations
CORRACTS	Corrective Action Activity
CONSENT	Superfund (CERCLA) Consent Decrees
DEP	Department of Environmental Protection (New York City)
DEC	Department of Environmental Conservation (New York State)
DDC	Department of Design and Construction
Delisted NPL	National Priority List deletions
DOD	United States Department of Defense
DOH	Department of Health (New York State) - interchangeable with NYSDOH
DOB	Department of Buildings
DOE	Department of Energy
DOH	Department of Health
DOS	Department of Sanitation
DOT	Department of Transportation
ECB	Environmental Control Board
EDR	Environmental Data Resources, Inc.
EPA	Environmental Protection Agency (U.S.) - interchangeable with USEPA
ESA	Environmental Site Assessment
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
ERNS	Emergency Response Notification System
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act
FOIA	Freedom of Information Act - Federal
FOIL	Freedom of Information Law - NY State
FINDS	Facilities Index System
FTTS	FIFRA/TSCA Tracking System
FRDS	Federal Reporting Data System
FURS	Federal Underground Injection Control
HASP	Health and Safety Plan
Haz Mat	Hazardous Materials
HMIS	Hazardous Materials Information System
HMIRS	Hazardous Materials Incident Reporting System
HMTA	Hazardous Materials Transportation Act

TABLE 11-1 (continued)
List of Acronyms

HRS	Hazard Ranking System
HSWDS	Hazardous Substance Waste Disposal Site Inventory
HWIS	Hazardous Waste Information Systems
IRM	Interim Remedial Measure
kg	kilogram - a unit of mass
LF	Landfill
LNAPL	Light (lighter than water) Non-Aqueous Phase Liquid
LQG	Large Quantity Generator
LTANKS	leaking storage tank incident reports
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
MDL	Method Detection Limit
mg/kg	milligram/kilogram - a unit of concentration in solids (equivalent to ppm)
mg/L	milligram/Liter - a unit of concentration in liquids (equivalent to ppm)
MGP	Manufactured Gas Plant
MOSF	Major Oil Storage Facility
MLTS	Material Licensing Tracking Systems
MINES	Mines Master Index File
MTBE	Methyl Tertiary Butyl Ether (gasoline constituent)
MW	Monitoring Well
MSDS	Material Safety Data Sheet
MSL	mean sea level
MTBE	methyl tertiary butyl ether
MW	monitoring well
NAPL	Non-Aqueous Phase Liquid
NCP	National Contingency Plan
NPL	National Priorities List
NPL Liens	Federal Superfund Liens
NRC	National Response Center
NYCRR	Official Compilation of NY State Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NESHAPS	National Emission Standards for Hazardous Air Pollutants
NFA	No Further Action
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollution Discharge Elimination System
NPDWS	National Primary Drinking Water Standards
NPIRS	National Pesticide Information Retrieval System
NTIS	National Technical Information System
OSHA	Occupational Safety and Health Administration
PA	Preliminary Assessment
PAH	poly aromatic hydrocarbon
PADS	PCB Activity Database System
PCB	polychlorinated biphenyl
PCE	perchloroethylene
PCS	Permit Compliance System
POTW	public treatment works

TABLE 11-1 (continued)
List of Acronyms

PP	priority pollutant
PPL	priority pollutant list
PNA	Polynuclear Aromatic hydrocarbons - the same as PAH
ppb	parts per billion
ppm	parts per million
PRP	primary responsible party
PSA	Preliminary Site Assessment
PWS	Public Water System
RAATS	RCRA Administration Action Tracking System
RAWP	Remedial Action Work Plan
RBCA	Risk Based Corrective Action
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
RP	Responsible Party
SARA	Superfund Amendments Reauthorization Act of 1986 (Federal)
SHWS	State Hazardous Waste Sites
STARS	Spills Technology And Remediation Series
SDWA	Safe Drinking Water Act
SI	Site Investigation
SPCC	spill contingency, countermeasure & control plan
SQG	Small Quantity Generator
SSTS	Section 7 Tracking System
SWF	Solid Waste Facility
SWTIRE	Registered Waste Tire Storage and Facility List
SWRCY	Registered Recycling Facility List
SVOC	Semi-Volatile Organic Compound
SWMU	Solid Waste Management Unit
TAGM	Technical and Administrative Guidance Memorandum
TAL	Target Analyte List
TCE	Trichloroethylene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TPH	Total Petroleum Hydrocarbons
TSCA	Toxic Substances Control Act (U.S.)
TSDF	Treatment, Storage or Disposal Facility
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substance Control Act
ug/kg	microgram/kilogram - a unit of concentration in solids (equivalent to ppb)
ug/L	microgram/Liter - a unit of concentration in liquids (equivalent to ppb)
USGS	United States Geological Survey
UST	Underground Storage Tank
VCP	New York State's Voluntary Cleanup Program
VOC	Volatile Organic Compound
WWTP	Waste water treatment plant

Resource Conservation and Recovery Act Corrective Action Activity (CORRACTS) and Resource Conservation and Recovery Information System-Transport, Storage or Disposal Facilities (RCRIS-TSD)

The CORRACTS database includes handlers with Resource Conservation and Recovery Act corrective action activity. The RCRIS-TSD database includes site information regarding generation, transport, storage, treatment and/or disposal of hazardous waste as defined by RCRA.

Radiac Research Corporation, at 33 South First Street (Block 2390) is listed on the CORRACTS and RCRIS-TSD databases. The CORRACTS Database indicates that the site was assigned a low corrective action priority in February 1993. The site has a long list of RCRIS violations including transporter road inspection, TSD-land ban requirements, TSD-other requirements (oversight), TSD-general standards, TSD-preparedness/prevention requirements, TSD-manifest requirements, and TSD-financial responsibility requirements. Blocks within 400 feet of Radiac and the proposed action boundary include 2378 (Sites 291 through 297), 2379 (Sites 298 through 302), 2390 (Sites 312 and 313), 2391, 2403, and 2404 (Site 316).

Radiac is a broker and transporter of mixed waste, which includes low level radioactive waste and hazardous waste. According to the Low Level Radioactive Waste Forum and the Southeast Compact Commission, Radiac holds the following permits and/or licenses: NYS RAD & HAZ Materials Transportation Permits, NYS Radioactive Materials Possession License, USNRC Radioactive Materials Transportation License, and Hazmat Transportation Permits for all US. As such, Radiac is regulated by the United States Environmental Protection Agency (USEPA), Nuclear Regulatory Commission (NRC), and New York State Department of Environmental Conservation (NYSDEC) under numerous rules and regulations including, but not limited to, the Resource Conservation and Recovery Act (RCRA) and New York State Part 381 regulations.

Under a NYSDEC permit (NYD049178296), Radiac is a commercial treatment, storage, and disposal facility (TSDF) for mixed waste, which includes low level radioactive and hazardous wastes. NYSDEC defines low level radioactive waste as “radioactive material that is not high-level radioactive waste, transuranic waste, spent nuclear fuel or the tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content, and the U.S. Nuclear Regulatory Commission consistent with federal law classifies as low-level radioactive waste” (6 NYCRR Part 381.4q). The NRC defines low level radioactive waste as consisting of “items that have become radioactive through exposure to neutron radiation. Based on information from NRC (www.nrc.gov), the primary identified sources of low level radioactive waste originate from nuclear reactors (consisting of protective clothing for workers in contaminated areas of the power plants or filters to remove materials from water), medical facilities (test tubes, syringes, bottles, tubing and other objects come into contact with radioactive material and research animal carcasses), and industry and research facilities (test tubes, bottles, tubing and process equipment come in contact with the radioactive material and become contaminated or waste generated during the manufacture of devices, such as certain gauges, luminous watches, exit signs and smoke detectors, that contain radioactive material).

The NRC Docket No. 030-12908 (dated April 8, 2003), states that Radiac is authorized by NRC under license no. 31-17528-01 to transport radioactive waste that may contain as much as 50 curies of by product of source material and 700 grams of special nuclear material. The Docket also cites Radiac’s request dated July 31, 2002 to possess (for transport) 1,500 curies of any byproduct and source material, 5000 curies of hydrogen 3 (tritium), and 700 grams of any special nuclear material. NRC concludes that “based on the staff evaluation, the conclusion of the EA is a Finding of No Significant

Impact (FONSI) on human health and the environment for the proposed licensing action.” The FONSI is based on the “increase risk to the public and workers, and environment for the renewal and increase in possession limits is small and expected doses from routine operations, as well as potential accidents, are well below regulatory limits.”

Voluntary Cleanup Program (VCP) Sites

VCP Sites are properties that have been entered into a voluntary remedial program that uses private money to clean up a contaminated site to remediation levels that would allow for productive use. Four VCP Sites were identified within the environmental database report.

A VCP Site (Facility ID V00321-2) identified as 101-105 West Street, is located on Site 52 (Block 2556, Lot 58). The agreement was signed on May 8, 2000. No additional information was available in the database summary. Blocks 2543 (Site 44), 2549 (Sites 45 through 50), 2556 (Sites 51 and 56), 2557 (Sites 53 through 55), and 2562 (Sites 57 through 59) are both within 400 feet of 101-105 West Street and the proposed action area boundaries.

Bayside Oil (Facility ID V00587-2) at 1-65 North 12th Street, Block 2287 is located on Site 211. The agreement was signed December 2, 2002. No additional information was available in the database summary. No other projected or potential sites are within 400 feet of Bayside Fuel.

Fyn Paint & Lacquer Co., Inc (Facility ID V00380-2) at 230 Kent Avenue, Block 2362. The agreement was signed on April 1, 2001. No additional information was available in the database summary. Blocks within 400 feet of the Fyn Paint and Lacquer include 2340 (Site 222), 2349 (Site 235), 2357 (Sites 246 through 248), 2363 (Sites 255 through 258), and 2378 (Sites 291 through 297).

A VCP Site identified as 98-116 South 4th Street (Facility ID V00094-2), Block 2430 is located on Site 328. The agreement was signed on April 4, 1999. No further information was available in the database summary. Blocks 2416 (Site 318), 2442 (Sites 324 through 326), and 2443 (Sites 327 through 330) are within 400 feet of 98-116 South 4th Street and the project boundaries.

Major Oil Storage Facilities (MOSF)

The MOSF database includes facilities that are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610, and 17 NYCRR Part 30 and include onshore facilities or vessels with petroleum storage capacities of 400,000 gallons or greater. Facilities that have been licensed or closed since April 1, 1986 are included on this listing. Four MOSF Sites were identified in the environmental database report.

Motiva Enterprises LLC at 25 Paidge Avenue is outside the proposed action area boundary. The database indicates the site has a total capacity of 2.25 million gallons, which consists of varying amounts of fuel oil, diesel, and unleaded gasoline. Sites 14, 15, and 16 on Block 2483 are within 400 feet of Motiva Enterprises.

Bayside Fuel Oil Depot Corp. is located on Site 211. According to the database this site is no longer a major facility. There are no other projected or potential sites within 400 feet of Bayside Fuel Oil Depot Corp.

North First Street Fuel Oil Terminal is at Blocks 2361, 2355, and 2362. The database indicates that the facility has a total capacity of over 33 million gallons. However, the database also indicates that all the

tanks are empty. Blocks within 400 feet of the North First Street Oil Terminal include 2340 (Site 222), 2349 (Site 235), 2357 (Sites 246 through 248), 2363 (Sites 255 through 258), and 2378 (Sites 291 through 297).

Tate & Lyle North American Sugar Inc. is at 49 South Second Street, Block 2415. The database indicates that the facility has a total capacity of over 400 thousand gallons of varying grades of fuel oils. Blocks 2390 (Sites 312 and 313), 2404 (Site 316), and 2416 (Site 317) are within both 400 feet of Tate & Lyle and the proposed action area boundaries.

PCB Activity Database (PADS) Sites

The PADS database includes generators, transporters, commercial storers, and/or brokers and disposers of PCBs. These sites are required to notify USEPA of their activities. One PADS Site was identified in the environmental database report. Radiac Research Corp. is at 33 South 1st Street (Block 2390). This site has been previously described in the CORRACTS and RCRIS – TSD paragraph.

Toxic Chemical Release Inventory System (TRIS)

The TRIS database includes facilities that have reported releases of toxic chemicals to the air, water, and land in quantities defined by the Superfund Amendment and Reauthorization Act (SARA) Title III, Section 313. Two sites have been identified in the TRIS database for this search.

Parker Hannafin Corp. is listed at 100 Dunn Road in Lyons, New York, with a local presence at 208 Dupont Street. The database indicates that the facility emits 500 pounds per year of toluene and less than 400 pounds per year of xylene and various isomers into the air. This facility is approximately 400 feet from Block 2483. Therefore, it may be within the distance limitation to affect Sites 14, 15, and 16, which are near the easternmost portion of Block 2483.

Carter Spray Finishing, at 65 Eckford Street, Block 2698, Lot 26 is located on Site 77. The database indicates that the facility emits greater than 8,000 pounds per year of trichloroethylene (TCE) into the air. Blocks 2697 (Sites 71 through 73), 2698 (Sites 74 through 77), 2699 (Sites 79 and 80), 2701 (Site 81), 2713 (Sites 82 and 83), and the northwest corner of 2714 (Site 85) are within 400 feet of Carter Spray Finishing and within the proposed action area boundary.

Section 7 Tracking System (SSTS) of Federal Insecticide, Fungicide and Rodenticide Act

Section 7 of the Federal Insecticide, Fungicide, and Rodenticide Act requires all registered pesticide producing facilities to submit a report to USEPA by March 1st of each year. The report includes 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.

One SSTS site was identified in this search: Gleem Industries at 219 Kent Avenue (Site 255), Block 2363, Lots 2 and 3. The database contains limited information about the listing. Blocks within a 400 foot radius of Gleem Industries that are also within the proposed action area boundary include 2357 (Sites 246, 247, and 248) and 2378 (Sites 291 through 297).

Hazardous Substance Waste Disposal Sites (HSWDS)

The HSWDS database includes an inventory of known or suspected hazardous waste disposal sites. Sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that have had a preliminary assessment or Site Investigation report prepared.

One HSWDS site was identified in this search: Williamsburg Works at Kent Avenue and North 12th Street (Site 211), which is at Blocks 2277, 2282, 2287, and 2288. The database indicates that the facility is a former coal gasification plant and temporary storage of coal tar occurred at this site. There are no projected or potential sites within a 400 foot radius except for Site 211.

Former Manufactured Gas (Coal Gas) Sites

Williamsburg Gas Light Co., at 41 North 11th Street (Site 211), Block 2294, Lot 1 has been identified as a former manufactured gas plant. Blocks within a 400 foot radius that may be impacted by activities at the former Williamsburg Gas Light Co., Inc. include 2301, 2302, 2295, 2288, and 2287. However, there are no projected or potential development sites within these blocks except for Site 211. This site is further discussed later in this chapter.

Because of the volume of the sites identified in other environmental databases reviewed for this project, summaries of these listings are not provided within this discussion. However, Table 11-2 provides a summary of the sites that are listed in the environmental databases that were searched. Also, the Site Observation Sheets in Appendix D identify whether any of the project sites or adjacent properties are listed in these databases.

The following table provides the number of projected and potential development sites identified within the project area and 1,000 foot search radius under the specific databases.

Database	Number of Sites Identified
RCRA Large Quantity Generator (LQG)	14
RCRA Small Quantity Generator (SQG)	192
Emergency Response Notification System (ERNS)	14
State Landfill (SWF/LF)	17
Leaking Tanks (LTANKS)	59
Petroleum Bulk Storage – UST (PBS-UST)	154
Petroleum Bulk Storage – AST (PBS-AST)	61
Chemical Bulk Storage (CBS)	12
Facilities Index System (FINDS)	242
Hazardous Materials Incident Report System (HMIRS)	12
FTTS	12
SPILLS	291

Several other ASTM Standard and Supplemental environmental databases were reviewed for the proposed action area. However, the results of the search did not identify any properties in these databases for the proposed action area. These databases include the following:

- National Priority List (NPL)
- Proposed NPL
- State Hazardous Waste Sites (SHWS)
- Registered Waste Tire Storage and Facility List (SWTIRE)
- Registered Recycling Facility List (SWRCY)
- Superfund (CERCLA) Consent Decrees (Consent)
- Records of Decision (ROD)

TABLE 11-2

PROPERTIES LISTED IN ENVIRONMENTAL DATABASES
GREENPOINT-WILLIAMSBURG REZONING

Site	EDR Map ID	Block	Lot	Address	Responsible Party	Database	Comment	
1	35	2472	410	77 Commercial Street	Harte & Co. Inc	SQG, FINDS	SQG - No violations	
					Former United Feather and Down Inc.	PBS UST	Tank ID 1, 550-gal unleaded gasoline closed in place 12/01/80	
						FTTS	Tank ID 001, 15,000-gal UST No. 1, 2, or 4 fuel oil in service	
					Unnamed Facility	SPILLS	EPA ID 110011937459	
2	37	2472	2	65 Commercial Street	Unnamed facility	LTANKS	Spill # 0004920 reported 7/25/00, closed 10/23/01, 1 pint of unknown petroleum.	
					NYCTA	LTANKS	Spill # 9811015. Spill reported during removal 550-gal gasoline tank used for 4 oil on 12/02/98 Unknown quantity spilled. Spill closed July 1999.	
						LQG	3 -5,000 gal diesel tanks, 1- 550 gal waste oil tank, 1-1120 gal lube oil tank. 2 inches of oil on water during removal.	
					Crosstown Bus Depot	FINDS	Waste D001, F005, F003. Violation - Generator Requirements.	
						PBS UST, AST	FINDS	AIRS/AFS, FRS, RCRA INFO, Reg. Facility
							AST	Tank ID 001 - 5,000 gal. diesel UST, closed in place 3/1/91
							UST	Tank ID 002 - 5,000 gal. diesel UST, closed in place 3/1/91
UST	Tank ID 003 - 5,000 gal. diesel UST, closed in place 3/1/91							
UST	Tank ID 004 - 1,120 gal. lube oil, closed in place 2/1/91							
UST	Tank ID 006 - 550 gal. stored (other) UST, closed in place 1/01/91							
AST	Tank ID 005 - 550 gal stored (other) AST, closed 1/01/91.							
AST	Tank ID 007 - 1,100-gal stored (other) AST, 1/1/86							
3	68	See Note 1		171 West Street	Lumber Exchange Terminal	NY Spill	Spill # 0106864 reported 10/02/01, remains open	
5	42	2482	7	15 Clay Street	Steven Supply Co.	NY Spill	Spill # 9514360 reported 2/25/96, closed 4/29/96	
18	52	2503	1	198 West Street	Eagle Street Associates	PBS UST	Tank ID 001 - 10,000 gal UST -1,2 or 4 fuel oil, closed in place 11/1/96	
					Courier Packaging Co.	FINDS (EDR 60 and 52)	Tank ID 002 - 6,000 gal UST - 1, 2, or 4 fuel oil closed in place 11/1/96	
19	65	2511	1	61 Green Street	Rialto Products	FINDS	AIRS/AFS, FRS	
					MCN Design	PBS AST	Tank ID 001 - 2,000 gal- No. 1, 2 or 4 fuel oil, in service	
21	65	2511	31	71 Green Street	Liqui Mark	SQG, FINDS	SQG with 9 violations, FRS, RCRA INFO	
24	73	2520	1	161 West Street	Deven Lithographs	PBS UST	Tank ID 011 - 5,000 gal 1, 2 or 4 fuel oil, in service	
					Unnamed Facility	LTANKS	Spills # 9408283, & # 9408663 fuel oil, closed 12/2/94	
34	75	2530	1	145 West Street	Huxley Envelope	FINDS	FRS, RCRA INFO	
						SQG	SQG-Violations exist	
						PBS UST	Tank ID 001- 20,000 gal 1,2 or 4 fuel oil, closed in place 10/1/94	
						PBS AST	Tank ID 002 - 10,000 gal 1, 2 or 4 fuel oil, not closed	
44	82	2543	1	10 Java Street	Vanguard Diversified Inc	SQG, FINDS	SQG-Violations exist, FRS, RCRA INFO, TRIS	
45	81	2549	1	122 West Street	Trans America Clothing Co.	PBS AST	Tank ID 001 4,800 gal 1,2 or 4 fuel oil.	
47	80, 84	2549	15	68 Java Street	Metropolitan Packaging Mfg	FINDS	AIRS/AFS, FRS	
49	159	2549	28	67 Kent Street	Eaton Allen	FINDS	AIRS Facility System, Facility Registry System	
						FTTS	Violation occurred - A.J MUL	
					Barouh Eaton Corp	CBS UST	1080-gal. tank containing methylene chloride, closed 4/98	
						PBS AST	Tank ID 001 - 2,000 gal - No. 1, 2 or 4 fuel oil, in service	
52	86	2556	57	101 West Street	Laurel Hill Realty Co. (Volunteer)	LTANKS	Spill #9908120 on 10/4/99, 10 gal of No. 2 fuel oil, not closed.	
						VCP	Facility ID V00231-2 (101-105 West Street)	

Notes: 1 - Site 3 consists of Block 2494 Lot 1, Block 2502 Lot 1, Block 2472 Lot 2, Block 2510 Lot 1, and Block 2520 Lot 57.

TABLE 11-2

PROPERTIES LISTED IN ENVIRONMENTAL DATABASES
GREENPOINT-WILLIAMSBURG REZONING

Site	EDR Map ID	Block	Lot	Address	Responsible Party	Database	Comment
53	86	2557	1	96 West Street	Madison Greenpoint Realty Co.	PBS AST	Tank ID 001 - 5,000 gal. No. 1, 2 or 4 fuel oil, no close date
				37 Greenpoint Avenue	GMDC	SQG, FINDS	SQG - No violations
55	89, Orphan	2557	24	61 Greenpoint Avenue	Guard General Merchandise	PBS AST	Tank ID 001 - 7,500-gal 1, 2, or 4 fuel oil in service
					Brooklyn Woodworkers Co-Op	SQG	Small Quantity Generator - Listed as an orphan site, generates D005 waste
					Brooklyn Woodworkers Co-Op	FINDS	Facility Registry System, RCRA INFO
62	102,103	2570	1	11 West Street	Unnamed Facility	HMIRS	5 Listings
					P. Chimento Trucking, Inc	PBS UST	Tank ID 001 - 550 gal diesel, closed and removed 9/1/92
							Tank ID 002 - 550 gal diesel, closed and removed 9/1/92
							Tank ID 003 - 550 gal diesel, closed and removed 9/1/92
							Tank ID 004 - 550 gal diesel, closed and removed 9/1/92
							Tank ID 005 - 550 gal diesel, closed and removed 9/1/92
					PBS AST	Tank ID 016 - 275 gal stored (other), no close date	
						Tank ID 017 - 275 gal stored (other), no close date	
						Tank ID 018 - 275 gal stored (other), no close date	
					Consolidated Freightway	PBS UST	Tank ID 019 - 275 gal stored (other), no close date
SQG, FINDS	Tank ID HO-1 - 2,000 gal No. 1, 2 or 4 oil, closed in place						
Shimento Trucking Inc	LTANKS	SQG- No Violations, FRS, RCRA INFO					
67	108	2590	1	40 Quay Street	NYC Transit Authority	PBS UST	Spill # 9614166 reported 3/6/97, nitric acid, no close date
					Williamsburg Steel Prod.	FINDS	Spill # 8906488 reported 10/2/89 #2 fuel oil, no close date
68	111	2590	210	31 Franklin Street	W H Christian & Sons	SQG, FINDS	Tank ID QUA-1, 7,500-gal No. 1, 2, or 4 fuel oil UST, in service
						PBS UST	Tank ID QUA-2, 7,500-gal No. 1, 2, or 4 fuel oil UST, in service
						PBS UST	Faculty Registry System, AIRS Facility System
						PBS UST	SQG - No Violations, FRS, RCRA INFO
						PBS UST	Tank ID 001 - 550 gal unleaded gasoline closed and removed 11/1/97
73	167	2697	1	477 Leonard Street	HT Jewelry MFG Co.	SQG, FINDS	Tank ID 002 - 550 gal unleaded gasoline closed and removed 11/1/97
						SQG, FINDS	Tank ID 003 - 550 gal unleaded gasoline closed and removed 11/1/97
78	160	2698	26	65 Eckford Street	Carter Spray Finishing	CBS AST	Tank ID 004 - 550 gal unleaded gasoline closed and removed 11/1/97
						SQG	Tank ID 005 - 550 gal unleaded gasoline closed and removed 11/1/97
						FTTS	Spill # 9710386 reported 12/20/97 gasoline, no close date
						FINDS	SQG - No violations
79	151	2699	9	257 Driggs Avenue	Carter Spray Finishing	SQG, FINDS	Failure to report to EPA
						SQG, FINDS	AIRS/AFS, FRS, ICIS, NCDB, NET, NTL, RCRA INFO, and TRIS Reg. Facility
						SQG, FINDS	AIRS/AFS, FRS, NET, NTL, RCRA INFO
86	170	2714	30	125 Newton Street	Elli Woodworking Industries	FINDS	Spill # 9809496, on 10/28/98. No volume of calcium and hypochlorite reported. Spill not closed.
88	170	2719	14	126 Newton Street	Chlorine Factory	Spill	

TABLE 11-2

PROPERTIES LISTED IN ENVIRONMENTAL DATABASES
GREENPOINT-WILLIAMSBURG REZONING

Site	EDR Map ID	Block	Lot	Address	Responsible Party	Database	Comment	
93	205	2724	34	421 Meeker Avenue	City Barrel and Drum	CERCNFRAP, FINDS, SQG	SQG - No Violations, FRS, RCRAINFO	
96	172	2727	1	550 Humboldt Street	Mobil Service Station	LTANKS	Spill # 9007766 reported 10/16/90, gasoline spill, not closed	
						SQG, FINDS	SQG No Violations, AIRS/AFS, FRS, RCRA INFO	
						PBS UST	Tank ID 700 - 1,000 gal. used oil, in service	
							Tank ID 600 - 1,000 gal. No. 1, 2 or 4 fuel oil, in service	
							Tank ID 100 - 4,000 gal unleaded gasoline, in service	
Tank ID 200 - 4,000 gal. unleaded gasoline, in service								
Tank ID 300 - 4,000 gal. unleaded gasoline, in service								
100	194	2291	1	95 Bedford Ave	NJZ Colors Inc.	LQG	LQG-No violations, Owner is Horsehead Ind.	
					Reichold Chemicals Inc.	PBS AST	Tank ID 101 - 20,000 gal No. 1, 2 or 4 fuel oil, closed 12/31/97	
					Unnamed	SQG, FINDS	SQG 1 violation, AIRS/AFS, BRS, FRS, RCRA INFO	
					Weather Fuel	NY Spills	Spill # 9711671, 3 gal paint reported 11/25/97, closed 5/1/98	
105	208	2721	11	721 Bayard Street	Ainstar Realty	NY Spills	Spill # 9414974 10 gal of No. 2 fuel oil reported 2/21/94, closed 2/14/95	
					Unnamed	PBS UST	Tank ID 001 - 5,000 gal No. 1,2 or 4 fuel oil, in service	
111	213	2722	21	407 Leonard Street	DL Brenner & Sons	Graf Air Property	NY Spills	Spill # 9801444 reported 5/3/98, no close date
						PBS UST	SQG	SQG - No violations
							Tank ID 001 - 550-gal diesel fuel, closed and removed 10/1/90	
							Tank ID 002 - 550-gal diesel, closed and removed 10/01/90	
							Tank ID 003 - 550-gal unleaded gasoline, closed and removed 10/1/90	
Tank ID 004 - 550-gal other, closed and removed 10/1/90								
Tank ID 005 - 550-gal other, closed and removed 10/1/90								
117	217	2723	38	101 Richardson Street	Israel M Dolgin Associates	PBS AST	Tank ID 001, 5,000-gal No. 1, 2, or 4 fuel oil, in service	
119	177	2297	5	55 Berry Street	A&M Teitelbaum	PBS AST	Tank ID 001 - 4,000-gal No. 5 or 6 fuel oil, in service	
						SPILLS	Spill # 9514403 (Vault 2476) and Spill # 9514404 (Vault 2017) on 2/11/96. Comment indicates waiting for replacement transformers prior to clean up. No closing date reported.	
						ERNS	Vault 2017, Vault 2476, 55 Berry Street	
						Con Edison	FINDS	Biennial Reporting System, Facility Registry System
						Marshall Wittson	FINDS	AIRS Facility Registry, Facility Registry System
120	186	2297	1	61 Berry Street	J. Takahashi Inc	Unnamed Facility	NY Spills	Spill # 9902614 reported 6/7/99, no close date
						SQG	LQG-No Violations	
						PBS UST	Tank ID 1 - 4,000 gal 1, 2 or 4 fuel oil, closed and removed 7/1/99	
							Tank ID 2 - 4,000 gal diesel, in service	
127	228	2299	21	215 North 10th Street	Robinson Brothers Industries	CBS AST	Tank ID-001 - 5,000 gal of hydrochloric acid, closed 2/92	
							Tank ID 002 - 12,000 gal of ammonium hydroxide, closed 2/92	
							Tank ID 003 - 2,000 gal of nitric acid, closed 1/91	
128	211	2300	5	5 Roebing Street	J. Tuomey Truck Repair	PBS AST	Tank ID 001 - 275 gal AST used oil	
131	243	2731	44	17 Frost Street	P&G Photo Engraving	SQG, FINDS	SQG - No violations, Facility Registry System, RCRA INFO	
135	222	2732	5	68 Richardson Street	Unnamed Facility(ies)	PBS UST	Tank ID 001 - 1,500 gal No. 1, 2, or 4 fuel oil, closed in place 4/1/97.	
						LTANKS	Spill #9312569, on 1/25/94, 1 gallon of No. 2 oil, spill closed 6/11/01.	

TABLE 11-2

PROPERTIES LISTED IN ENVIRONMENTAL DATABASES
GREENPOINT-WILLIAMSBURG REZONING

Site	EDR Map ID	Block	Lot	Address	Responsible Party	Database	Comment
137	213	2733	7	392 Leonard Street	Unnamed Facility	Petro Spill	Spill #9900802, contaminated soil encountered while removing gasoline tanks on 4/21/99, soil removed, closed August 1999.
					278 Fuel Stop	PBS UST	Tank ID 006 - 550 gal. diesel, in service
							Tank ID 006A - 4,000 gal diesel, in service
							Tank ID 007A - 4,000 gal unleaded gasoline, in service
							Tank ID 008A - 4,000 gal unleaded gasoline, in service
Tank ID 001 - 4,000 gal diesel, in service							
142	186	2304	10	136 North 10th Street	National Paper Stock	SWF/LF	Regulated Transfer Station
146	216	2306	11	206 North 10th Street	Adelphia Container Corp	SQG	SQG - No violations
150	237	2307	1	240 North 10th Street	Alpha Empiron Building Corp.	FINDS	AIRS/AFS, FRS
153	273	2736	1	544 Union Avenue	Beach-Russ Co.	SQG	Violation 8/99 Generator-all requirements (oversight)
						FINDS	Biennial Reporting System, Facility Registry System, RCRA INFO
164	226	2313	1	505 Driggs Avenue	Atelier Violet	FINDS	No Information Provided
171	246	2314	5	238 North 9th Street	238 North 9th St. Realty Corp.	PBS UST	Tank ID 001 - 3,000 gal. No. 1, 2 or 4 fuel oil, closed in place 11/4/00
174	68,278	2741	3	526 Union Avenue	Unnamed Facility	Spills	Spill # 9811933 on 12/18/98, 100 gal. of waste oil, closed 12/22/98.
						PBS AST	Tank ID 001 - 240 gal. used oil, no close date
					Meeco Corp	PBS UST	Tank ID 001 - 550 gal unleaded gasoline, closed prior to 4/91 (in place or removed)
							Tank ID 002 - 550 gal unleaded gasoline, closed prior to 4/91 (in place or removed)
							Tank ID 003 - 550 gal unleaded gasoline, closed prior to 4/91 (in place or removed)
							Tank ID 004 - 550 gal unleaded gasoline, closed prior to 4/91 (in place or removed)
							Tank ID 005 - 550 gal unleaded gasoline, closed prior to 4/91 (in place or removed)
Amaco	NY Spills	Spill # 9707004, reported 9/12/97, closed 10/17/97					
Dicke & Ann Auto Service	FINDS	AIRS/AFS, FRS					
189	220	2319	31	133 North 7th Street	Regency Metal Stamping	FINDS, FTTS	FRS, NCDB
					Unnamed Facility	NY Spills	Spill # 9804127, reported 6/25/98, cutting oil, closed 9/28/01
					Harry Vanderale School	Spill	Spill # 9800014 on 4/1/98, 4 gal of No. 2 fuel oil, not closed, some uncertainty regarding the spill address.
FRI Realty Corp.	PBS AST	Tank ID 001 - 3,000 gal of No. 1, 2 or 4 fuel oil					
190	204	2320	15	177 North 7th Street	Harry Vanderale School	Spill	Spill # 9800014 on 4/1/98, 4 gal of No. 2 fuel oil, not closed, some uncertainty regarding the spill address.
	206			179 North 7th Street			
197	281	2322	28	255 North 7th Street	Puritan Lighting Fixture	SQG	SQG - No violations
						FINDS	Facility Registry System, RCRA INFO
199	192	2332	1	144 Kent Avenue (144-162)	Waste management of NY	SQG	SQG - No violations
						FINDS	Facility Registry System, RCRA INFO
202	203	2325	25	67 North 6th Street	National Display Co. National Sawdust	FINDS	AIRS Facility Registry, Facility Registry System
208	214	2327	5	125 Berry Street	S.C, Truck & Auto Repair	PBS UST	Tank ID 001 - 550 gal unleaded gasoline, closed and removed 3/16/00
							Tank ID 002 - 550 gal unleaded gasoline, closed and removed 3/16/00
							Tank ID 003 - 550 gal unleaded gasoline, closed and removed 3/16/00
							Tank ID 004 - 550 gal unleaded gasoline, closed and removed 3/16/00
							Tank ID 005 - 550 gal unleaded gasoline, closed and removed 3/16/00

TABLE 11-2

PROPERTIES LISTED IN ENVIRONMENTAL DATABASES
GREENPOINT-WILLIAMSBURG REZONING

Site	EDR Map ID	Block	Lot	Address	Responsible Party	Database	Comment
210	230	2327	19	154 North 7th Street	Service Plating Co.	CERCLIS	Removal only site, removal completed 11/4/98
						FTTS	violation occurred 3/15/95
						FINDS	Facility Registry System, National Compliance Database
						PBS UST	Tank ID 001 - 3,000 gal of No. 1, 2, or 4 fuel oil, in service
						LTANKS	Spill #8909928, 3,000 gal tank containing No. 2 oil failed tightness test 1/90, not closed
						SQG	SQG - No violations
211	121	2287	16	20 North 12th Street	City Storage	SPILLS	Spill # 9805691 on 8/7/98, no spill volume reported, unknown petroleum, spill closed 8/10/98.
211	169	2287	1	21 North 12th Street	Bayside Oil/Transgas Energy Systems LLC (Volunteer)	VCP	Facility ID # V00587-2
215	235	2334	40	91 North 5th Street	Rizzo Trucking Inc	PBS UST	Tank ID 001 - 4,000 gal diesel UST in service
222	193,264	2340	1	2 North 5th Street	Nekboh Recycling	SWF/LF	C&D recycling
					USA Waste of NYC	LTANKS	Spill #9609934 on 11/8/96, no spill volume reported, diesel, not closed.
					USA Waste Services	PBS UST	Tank ID 001 - 550-gal diesel, removed 11/1/96
							Tank ID 002 - 550-gal diesel, removed 11/1/96
							Tank ID 003 - 550-gal diesel, removed 11/1/96
Baretti Carting Corp	FINDS	AIRS Facility System, Facility Registry System					
Jumbo Carting Refuse	SQG, FINDS	SQG - No Violations, FRS, RCRA INFO					
224	225,227	2342	1	185 Wythe Avenue	State Pipe and Nipple Corp	SQG	SQG - No violations
			1	80 North 5th Street		FINDS	AIRS Facility Registry, Facility Registry System
227	249	2343	5	116 North 5th Street	Merit Screen Printing	SQG, FINDS	SQG- No Violations, FRS, RCRA INFO
					Plaza School Bus Corp	PBS UST	Tank ID 001 - 4,000 gal of unleaded gasoline, closed in place 1/1/99 Tank ID 002 - 550 gal of diesel, closed in place 11/1/84
					US Tank	SPILLS	Spill # 9706521 on 8/29/97, no spill volume reported, No. 2 oil, no spill closure date
230	274	2344	26	155 North 4th Street	Applied Circuits Inc	PBS UST	Tank ID 001 - 10,000 gal No.1, 2 or 4 oil, closed in place 4/1/98
						FTTS, SQG, FINDS	SQG 1 Violation, FRS, RCRA INFO, NCDB
231	274	2344	25	161 North 4th Street	Louis Jacobs and Sons	SQG	SQG - No violations
235	212, 224	2349	15	175 Kent Avenue	V.M. Transfer LTD. (Cardella)	Landfill	Regulated Transfer Station
				157 Kent Avenue	Anthony Concrete	NY Spills	Spill # 0009981 on 12/4/00, closed 12/4/00
					Joral Carting	Landfill	Regulated Transfer Station
238	241	2350	4	76 North 4th Street	Ki-Tov	SQG, FINDS	SQG - 1 Violation, BRS, FRS, RCRA INFO
239	266	2350	24	190 Berry Street	Schiff Food Products	PBS UST	Tanks ID 001 - 10,000-gal No. 1, 2, or 4 fuel oil in service
240	262	2350	26	109 North 3rd Street	Unnamed Facility	Spills	Spill # 0108329, reported 11/16/01, 500 gallons of fuel oil, no close date
241	266	2351	1	201 Berry Street	Garshing Co.	PBS UST	Tank ID 001 - 3,000 gal. No. 1, 2 or 4 fuel oil, closed in place 7/1/98
245	302	2353	13	291 Metropolitan Avenue	Arvy S/S Inc Getty & Shia Corporation	PBS UST	Tank ID 001 - 550 gal unleaded gasoline, administratively closed 4/1/95
							Tank ID 002 - 550 gal unleaded gasoline, administratively closed 4/1/95
							Tank ID 003 - 550 gal unleaded gasoline, administratively closed 4/1/95
							Tank ID 004 - 550 gal unleaded gasoline, administratively closed 4/1/95
							Tank ID 005 - 550 gal unleaded gasoline, administratively closed 4/1/95

TABLE 11-2

PROPERTIES LISTED IN ENVIRONMENTAL DATABASES
GREENPOINT-WILLIAMSBURG REZONING

Site	EDR Map ID	Block	Lot	Address	Responsible Party	Database	Comment
251	270	2358	29	123 Metropolitan Avenue	Seasons Fuel Co.	Spills	Spill #9610173 on 11/13/96, 5 gal of No. 2 fuel oil, closed 11/14/96
255	239	2363	3	215 Kent Avenue	Emulsion Systems Inc.	FINDS	Facility Registry system, Toxic Chemical Release Inventory
					Bliss & Tannenbaum L.P.	PBS AST	Tank ID-OIL - 1,500-gal No. 1, 2, or 4 fuel oil in service
			2	219 Kent Avenue	Bliss & Tannenbaum L.P.	CBS UST	4,000 gal UST for styrene, temporarily out of service
					Gleem Industries	FINDS	Facility Registry System, National Compliance Database
258	267	2363	26	280 Wythe Avenue	Unico Truck Repair Corner Inc.	SSTS	Disinfectant, germicide, sanitizer
259	268	2364	17	136 Metropolitan Avenue	Coastal Oil Co.	PBS AST	250 gal. used oil, no close date
266	305	2368	1	322 Metropolitan Avenue	Athletic Novelties Mfg. Co.	Spill	Spill #8910310 on 1/27/90, 70 gallons of No. 2 oil, closed 12/8/92
272	311	2369	19	402 Metropolitan Avenue	Alesal Used Car Sales	PBS UST	Tank ID 016 - 550 gal used oil in service
							Tank ID 001 - 4,000 gal unleaded gasoline, in service
							Tank ID 002 - 550 gal unleaded gasoline, in service
							Tank ID 003 - 550 gal unleaded gasoline, in service
					Unknown Owner	LTANKS	Tank ID 004 - 550 gal unleaded gasoline, in service
					Unnamed Facility	NY Spills	Spill # 9213355, update of spill #9212269, unknown volume of gasoline, on 3/2/93, closed 5/4/95
Dital Energy Corporation	FINDS	Spill # 8808650, reported 2/01/89, closed 2/28/89					
273	321	2369	27	20 Marcy Avenue	Mercury Cleaners	FINDS	AIRS/AFS, FINDS
275	327	2369	40	55 Hope Street (53-65)	Unnamed Facility	SPILLS	Conditionally exempt SQG - No violations
				53 Hope Street	John Orban & Co	PBS AST	Spill #0008211, 10 gal of No. 4 oil, on 10/13/00, not closed.
				Hope Street (53-65)	Unnamed Facility	FINDS	Tank ID 001 - 3,500 gal of No. 5 or 6 fuel oil in service
276	330	2371	10	470 Rodney Street	Matarese Realty Co	PBS UST	SQG - No violations
							Facility Registry System, RCRA INFO
							No Information Provided
							Tank ID 007 - 550 gal empty, closed in place 4/1/97
			5	468 Rodney Street		PBS UST	Tank ID 008 - 550 gal empty, closed in place 4/1/97
							Tank ID 001 - 4,000 gal unleaded gasoline, closed prior to 4/91, in place or removed
							Tank ID 002 - 550 gal diesel, closed prior to 4/91, in place or removed
							Tank ID 003 - 550 gal diesel, closed prior to 4/91, in place or removed
281	325	2372	5	433 Union Avenue	Gulf Oil	NY Spills	Tank ID 007 - 550 gal empty, closed in place 4/1/97
							Tank ID 008 - 550 gal empty, closed in place 41/97
							Tank ID 001 - 4,000 gal unleaded gasoline, closed prior to 4/91, in place or removed
							Tank ID 002 - 550 gal diesel, closed prior to 4/91, in place or removed
							Tank ID 003 - 550 gal diesel, closed prior to 4/91, in place or removed
							Spill # 9800933, reported 4/21/98, closed 5/11/98

TABLE 11-2

PROPERTIES LISTED IN ENVIRONMENTAL DATABASES
GREENPOINT-WILLIAMSBURG REZONING

Site	EDR Map ID	Block	Lot	Address	Responsible Party	Database	Comment
282	315, 324	2372	9	447 Union Avenue	Fremro Services Inc.	PBS UST	Tank ID 004 - 550 gal used oil, temporarily out of service
					Richmond Petroleum	FINDS	ICIS, Facility Registry System
					Gulf Service Station	PBS UST	Tank ID 001 - 3,000 gal unleaded gasoline, in service
							Tank ID 002 - 3,000-gal unleaded gasoline, in service
							Tank ID 003 - 3,000 gal diesel fuel, in service
Tank ID 004 - 550 gal other product stored, in service.							
284	330,339	2374	7	34 Ainslie Street	Con Edison	NY Spills	Spill # 9613561, reported 2/19/97, closed 6/8/98 Spill # 9501140, reported 4/24/95, no close date
292	260	2378	1	237 Kent Avenue	King Collision	SQG	SQG - No violations
295	275	2378	21	296 Wythe Avenue	Triboro Shelving & Partition	FINDS	Facility Registry system, RCRA INFO
						SQG	SQG - No violations
					Unnamed Facility	NY Spills	Spill # 8803014, No. 4 oil, reported and closed on 7/6/88
305	331	2384	8	62 Hope Street	62 Hope Street Building	FINDS	FRS, AIRS
307	346	2386	12	130 Hope Street	DC Center Corp	SQG, FINDS	SQG with 1 violation, AIRS/AFS, FRS, RCRA INFO
310	370	2399	1	351 South 1st Street	Shell Oil	SQG, FINDS	SQG No Violations,
						PBS UST	Tank ID 001 4000 gal unleaded gasoline, In Service
							Tank ID 002 4000 gal unleaded gasoline, In Service
							Tank ID 003 4000 gal unleaded gasoline, In Service
						Tank ID 004 550 gal No. 1,2 or 4 Fuel Oil, In Service	
PBS AST	Tank ID 005 240 gal waste oil, In Service						
NY Spills	Spill # 9608624, reported 10/10/96, no close date						
316	292	2404	1	303 Wythe Avenue	Lexa Metal Corp.	SQG	SQG - No violations
326	350	2442	25	338 Berry Street	Karl & Gail Inc	FINDS	Facility Registry System, RCRA INFO
328	345	2443	13	100 South 4th Street (98-116)	El Puente	SQG, FINDS	SQG-No violations, FRS, RCRA INFO
				100 South 4th Street (104-114)	Camin Industries Inc.	VCP	Facility ID - V00094-2.
				100 South 4th Street (104)	Unnamed Facility	SQG	SQG - No violations
				100 South 4th Street (98)		FINDS	Facility Registry System, RCRA INFO
332	371	2444	11	141 South 5th Street	Kvest LLC	SPILLS	Spill #8602718 on 7/25/86, no spill volume reported, fuel oil, closed 7/25/86.
						SPILLS	Spill #9611887, 2 borings with SVOCs 1,200-1,500 ppb reported on 1/97, old adhesives manufacturing facility, additional work recommended, not closed.
332	371	2444	11	141 South 5th Street	Kvest LLC	Spills	Spill # 9501027, reported 4/25/95, 1 gal. of gasoline, closed 4/25/95
						PBS UST	Tank ID 1 - 2,500 gallon of 1, 2 or 4 oil, closed in place 3/1/99

National Priority List Deletions (Delisted NPL)
Material Licensing Tracking System (MLTS)
Mines Master Index File (MINES)
Federal Superfund Liens (NPL Liens)
Brownfields Sites
Department of Defense Sites (DOD)
Toxic Substance Control Act (TSCA)
RCRA Administrative Action Tracking System (RAATS)

Previous Investigations Summary

Phase I ESAs were completed at two of the projected development sites (Site 211 and Site 160.1) and the reports were available for review. Also, the New York City Department of Design and Construction (NYCDDC) contracted a consulting firm to prepare a Phase I ESA and a Limited Subsurface Corridor Investigation for the reconstruction of Franklin Street and Kent Avenue from Commercial Street in Greenpoint to the Brooklyn Queens Expressway in Williamsburg. A brief summary of each of these documents is provided below.

Site 211

A Phase I Environmental Site Assessment Report dated November 21, 2003 was prepared for Philip Habib & Associates by Fleming Lee Shue. The report documents recognized environmental conditions for Blocks 2277, 2287, 2294, 2301, and Lots 25 and 100 at Block 2590. Historic occupants of Site 211 include a petroleum distillery, bulk oil storage terminal, tin can manufacturing facility, coal gasification plant, and railroad terminal with a freight yard. Current occupants of Site 211 include Bayside Fuel Oil Company and Miller Environmental Group (Block 2277 Lot 1), New York City Department of Sanitation (Block 2287 Lot 1), CitiStorage (Blocks 2287 Lots 16 and 30, and 2294 Lots 1 and 5), and New York City Sheriff Department Scoff Law Program Redemption Facility (Block 2301 Lots 1, 50, 60, and 70).

In the Phase I Report, the property is identified as one RCRA large quantity generator (Trans Energy Systems LLC) and two small quantity generators (Bayside Fuel Oil and NYC Department of Sanitation), all with no violations reported, HSWDS (Williamsburg Works), SWF/LF (North 12th Street/Kent Avenue), Petroleum Bulk Storage (Brooklyn Garage with diesel, unleaded gasoline, kerosene, lube oil, and No. 1, 2, or 4 fuel oil), Major Oil Storage Facility (Bayside Fuel Oil Depot with two USTs and 13 ASTs having a combined storage capacity of 5,551,798 gallons of unleaded gasoline, diesel, No. 1, 2, or 4 fuel oil, and “other”), Chemical bulk storage UST and ASTs (Bayside Fuel Oil Depot containing toluene, and mixed xylene) and six separate spill incidents.

Phase II sampling of Block 2277 reportedly identified significant concentrations of petroleum constituents and metals typically associated with coal gasification sites. Phase II sampling of Block 2287 was limited, but identified impacted shallow soil and groundwater. Shallow impacted media was described as minimal at Block 2294. Significant amounts of coal ash were reported for Block 2301.

Recommendations provided in the Phase I report include addressing the significant evidence of impacted media through further sampling and delineation, considering the potential end use of the site. If the site is to be redeveloped as a park, a cap, paving, or buildings were identified for potential end user protection. At Block 2277, the oil storage/distillery operation has entered into a voluntary cleanup agreement with NYSDEC.

Site 160.1

A Phase I Environmental Site Assessment for the property at 51-63 North 8th Street (Site 160.1) was prepared by Singer Environmental Group Ltd., for Broadway Stages on June 3, 2002. According to this Phase I report, the property has been used for manufacturing, office, and warehouse uses since at least 1951. Other uses from 1951 to 1996 included commercial space, storage, and “dipping”. In 1951 and 1942, ash cans were manufactured at this site. Prior to 1942, the site was used by American Kalamein Works for fire proof door manufacturing and by E.E. Wirth & Company as a chalk mill. According to Singer, the site is not listed in any environmental database reports.

In the report, Singer identified non-friable suspect asbestos containing material on the first floor of the building and a gas vent on the roof of the garage. A 3,000 gallon oil storage tank encased in concrete was identified during the inspection and recommended for abandonment. A gasoline tank was also identified in the garage area on a historic Sanborn map.

Singer identified the above ground fuel oil storage tank, the suspect gas tank in the garage with the vent on the roof, and the manufacturing operations over the past 90 years as recognized environmental conditions for this property.

Following the Phase I report, a ground penetrating radar survey of the garage area occurred to locate potential underground storage tanks. According to the GPR operator’s report, no subsurface anomalies consistent with an underground storage tank were detected. The report further identifies the vent pipe on the garage roof as associated with the above ground fuel oil tank.

DDC Phase I ESA/Limited Subsurface Corridor Report

New York City Department of Design and Construction contracted STV Incorporated and Urbitran Associates to prepare a Phase I Environmental Site Assessment Report and EMTEQUE Corporation to prepare a Limited Subsurface Corridor Investigation Report. These reports document conditions along Franklin Street and Kent Avenue from Commercial Street in the north to the Brooklyn Queens Expressway to the south, consisting of approximately 50 city blocks, for the construction of a water main and sewer line. The Phase I ESA was dated October 2002 and the Subsurface Report was dated January 2003.

The Phase I Report (STV Incorporated/Urbitran Associates, October 2002) identified numerous recognized environmental conditions along the corridor including ruptures in fuel oil pipelines, petroleum product from unknown sources in manholes, vaults, and switchboxes, gasoline service stations and repair shops, heavy industry and factories, freight yards and bulk oil storage terminals adjacent to the corridor. From these recognized environmental conditions, ten areas of concern (AOC) were identified, of which seven are within the proposed Greenpoint-Williamsburg rezoning area. These AOCs within the proposed action area are identified as follows:

- AOC 4: West Side of Kent Avenue from Grand Street to North 5th Street
- AOC 5: Intersection of Kent Avenue and Grand Street
- AOC 6: Adjacent to the West Side of Kent Avenue from North 3rd Street to Grand Street
- AOC 7: Kent Avenue between North 3rd and North 15th Street
- AOC 8: Intersection of Franklin Street and Quay Street
- AOC 9: Intersection of Franklin Street and Oak Street
- AOC 10: Franklin Street from Huron Street to Commercial Street

The basis for these areas of concern varies and typically includes current and historic land use, environmental incidents or database listing, or observations during the site reconnaissance. At AOC 4, underground oil vaults, two 400,000 gallon fuel oil USTs, and reports of petroleum product in manholes were noted. A former gasoline service station, an active spill, and companies such as Radiac Research with its several RCRA violations and Fyn Paint with documented solvent impacted soil and groundwater monitoring wells were identified for AOC 5 (Note that Fyn Paint should actually be in AOC 6). Spills associated with the NEPCO OIL Terminal were noted at AOC 6. At AOC 7, Bayside Fuel Oil Depot, the Brooklyn Union Gas coal gasification plant, railroad terminals and freight yards, numerous ruptures of underground fuel oil lines, and reports of petroleum product from unknown sources in manholes, vaults, and switchboxes were noted. A former filling station and spills associated with W. H. Christian and Sons were identified as recognized environmental conditions for AOC 8. At AOC 9, a corroded pipeline which released 3,000 gallons of No. 6 fuel oil was reported. Filling stations, repair shops, fuel oil pipeline ruptures, and petroleum product from unknown sources were identified for AOC 10. The Phase I Report recommended that soil sampling should occur prior to excavation activities to assess the impact to soil for worker safety, and that groundwater samples be collected for potential dewatering activities.

Therefore, NYCDDC contracted EMTEQUE Corporation to investigate subsurface conditions along this corridor (EMTEQUE, January 2003). The investigation was based on the identification of 39 properties along the corridor that were deemed to have a high potential impact on subsurface conditions. Borings were advanced at 84 locations to maximum depths of 25 feet below ground surface with composite and grab samples collected for analyses of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), Priority Pollutant metals (PP Metals), Toxicity Characteristic Leaching Procedure (TCLP) parameters, polychlorinated biphenyls (PCBs), total petroleum hydrocarbons (TPH), and ignitability, corrosivity, and reactivity. During this investigation, 18 monitoring wells were also installed and groundwater samples were collected from these wells and four pre-existing wells for NYCDEP effluent parameters for Sanitary or Combined sewers. The report identifies 13 properties where VOCs exceeded NYSDEC standards/guidance values, 15 properties where SVOCs exceeded standards/guidance values, and 37 properties where metals exceeded NYSDEC cleanup objectives (TAGM 4046). Of the 22 groundwater samples, 18 had concentrations that exceeded NYCDEP limitations. The sample collected adjacent to 230 Kent Avenue (Fyn Paint) was reported to have very high concentrations of toluene, naphthalene, and oil & grease. One soil sample analyzed for TCLP parameters in Segment 8 (adjacent to 201 Franklin Street) was reported to have a high lead concentration (4.53 mg/l), although below the RCRA regulatory limit of 5 mg/l).

C. THE FUTURE WITHOUT THE PROPOSED ACTION (NO-ACTION)

Within the proposed action area, little manufacturing development has occurred over the last two decades, even with the presence of available vacant sites. In the past 10 years, nearly no new industrial buildings have been constructed, and much industrial space has been converted to residential use. Recent development trends away from manufacturing and toward residential use are expected to continue in the future without the proposed action, and as a result, the development of new manufacturing is unlikely. However, large waterfront parcels could be used for a variety of industrial or commercial uses as-of-right.

New residential uses are prohibited in M1 and M3 districts, precluding as-of-right residential development or conversion. In the Special Northside Mixed Use District (M/R), only limited

residential construction is allowed as-of-right with larger developments allowed by special permit, while residential conversion of industrial buildings is prohibited. The Special Franklin Street and Northside (M/R) Mixed Use districts permit enlargement of underbuilt residential buildings pursuant to R6 regulations. However, such enlargements have not occurred within the proposed action area in recent years, and are therefore not considered likely to occur in the no-action condition.

As described in Chapter 1, "Project Description," absent the proposed action, it is projected that some new housing units would be constructed, converted, or reactivated on some of the 76 projected development sites by the Analysis year of 2013, including several variances that have been approved for new residential units in areas where zoning does not currently permit new residential uses. In addition, some residential development was identified on some of the potential development sites in the No-Action condition.

Small retail stores are permitted as-of-right in M1 and M3 districts, and within the M/R portion of the Special Northside Mixed Use District. In all zoning districts currently mapped in the proposed action area, buildings designed for non-residential use may be converted to retail use as-of-right provided they have not been vacant for more than two years. As discussed in Chapter 1, "Project Description," absent the proposed action, it is estimated that some commercial space would be created in new residential buildings and in industrial buildings that convert to commercial use in the No-Action condition.

The future conditions without the proposed action could involve building construction, additions and conversions. Construction of new buildings for as-of-right uses under the current zoning may occur without proper regulatory oversight such that environmental conditions on these sites are not properly addressed. Without enforcement of environmental regulations, residual contamination could be encountered by construction workers or the general public without their knowledge. Similarly, construction and demolition material or impacted soil may be improperly disposed. The existing conditions typically observed at these sites include petroleum based contamination (i.e., petroleum bulk storage tanks and spills) and non-petroleum based contamination (i.e., metals from iron works, volatile organics from paint factories, PCBs from transformers, etc.). Each of these contaminants have associated human health concerns that vary based on the specific contaminant. If the materials impacted by these contaminants are not properly handled either on-site, in transit, or at a disposal facility, there could be some effect to those who come in contact with the materials by inhalation, ingestion or dermal contact.

D. THE FUTURE WITH THE PROPOSED ACTION (WITH-ACTION)

The hazardous materials assessment presented herein has identified that each of the projected and potential development sites has some associated concern regarding environmental conditions. As a result, the proposed zoning map actions include (E) designations for all projected and potential development sites, with the exception of Site 211, which is proposed to be mapped as a park and acquired by the City.

Site 211 had a history that included use as an oil refinery and later bulk petroleum storage, a manufactured gas plant and a rail yard. Testing on this site has confirmed the presence of contaminants consistent with the cited historic use of the site. The northern portion of the site (Block 2277, Lot 1) is currently under a Voluntary Cleanup Agreement with the State. Under Scenario B, the Volunteer,

TransGas, would perform a cleanup to the satisfaction of the State for this site. Because TransGas is not the party responsible for the contamination, their cleanup would be limited to the boundaries of the site (Block 2277, Lot 1).

The portion of Site 211 that was the Williamsburg Gas Works (Block 2287, Lots 1, 16, and 30) is contaminated with chemicals consistent with the use of the site as a manufactured gas plant. The responsibility for remediation of this site has been determined by the New York State Department of Environmental Conservation to be Keyspan Energy. An agreement between the State and Keyspan for the remediation of this site is currently being negotiated. Under Scenario A, the obligation of Keyspan Energy to remediate the site would be included in the acquisition proceeding, either as a deduct of the remediation cost from market value or consideration of the park development schedule with the remediation schedule agreed to between Keyspan and the State. This later option would have Keyspan accelerate their remediation of the site to meet the park development schedule.

Testing results show that the historic site activities had little to no impact on the southern portion of Site 211 (Block 2294, Lots 1 and 5, and Block 2301, Lots 1, 50, 60 and 70).

Under Scenario A, the City has three options: 1) remediate the site at the City's direction and negotiate the purchase of the property considering the remediation costs that were undertaken, 2) purchase the site and enter the Environmental Restoration Program under the Brownfield Cleanup Program for 90% funding by the State of New York considering the proposed end use, or 3) have the property owner remediate the site before the City takes ownership.

Table 11-3 provides an (E) designation summary for each of the 339 sites that were investigated as part of this work scope. As previously stated, the (E) designation is based on whether the projected and potential development sites may have been adversely affected by current or historical uses at, adjacent to, or within 400 feet of the sites. In determining whether a site is (E) designated, site conditions and history was given the first consideration, followed by the adjacent site use or history, and finally the sites within the 400 foot radius. If a site was (E) designated based on existing or historic conditions, the determination did not continue to adjacent sites or sites within 400 feet. Similarly, if a site was (E) designated based on adjacent site conditions, the determination did not extend to the 400 foot radius. Only when the site or adjacent site conditions or history did not indicate a cause for (E) designation did the determination extend to the 400 foot radius.

A site may have more than one condition that would lead to an (E) designation. However, once conditions were identified that resulted in an (E) designation, no further investigation was conducted. Table 11-3 provides information that was identified for the (E) designation. The (E) designation cause that is listed in the table is not necessarily the most significant concern for the site, but merely an identified condition leading to the designation.

Sites that were (E) designated based on either adjacent site conditions or conditions at sites within 400 feet may or may not have an on-site condition that would have led to the (E) designation. An on-site condition that would lead to an (E) designation may be identified following further review.

The results of this investigation show that 267 sites (out of 339, not including Site 211), or 78.7%, were (E) designated based on a condition identified at the site. Adjacent site conditions resulted in an (E) designation for 53 sites (15.6%). Conditions at a property within 400 feet of a site resulted in 19 sites (5.6%) being (E) designated. There are no sites in this investigation that did not result in an (E) designation. In summary, (E) designations are required on all 339 projected an potential development sites in the proposed action area.

By placing (E) designations on sites where there is a known or suspect environmental concern, the potential for an adverse impact to human health and the environment resulting from the proposed action would be reduced. The (E) designation provides the impetus to identify and address environmental conditions so that significant adverse impacts during site development would be reduced. The New York City Department of Environmental Protection would provide the regulatory oversight of the environmental investigation and remediation during this process. Building permits are not issued by the Department of Buildings without prior DEP approval of the investigation and/or remediation pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements).

The (E) designation would require that the fee owner of such a site conduct a testing and sampling protocol and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit. The (E) designation also includes a mandatory construction-related health and safety plan which must be approved by NYCDEP.

For an (E) designated site, the following tasks must be undertaken by the fee owners of the sites that are restricted under this designation:

Task 1 - The applicant must submit to the NYCDEP Office of Environmental Planning and Assessment (OEPA), for review and approval, a soil and groundwater testing protocol including a description of methods and a site map with all sampling locations clearly and precisely represented.

No sampling program should begin until written approval of a protocol is received from DEP. The number and location of sample sites should be selected to adequately characterize the site, the specific source of suspected contamination (i.e., petroleum based contamination and non-petroleum based contamination) and the remainder of the site's condition. The characterization should be complete enough to determine what remediation strategy (if any) is necessary after review of sampling data. Guidelines and criteria for selecting sampling locations and collecting samples will be provided by DEP upon request.

Task 2 - A written report with findings and a summary of the data must be submitted to DEP after completion of the testing phase and laboratory analysis for review and approval. After receiving such tests results, a determination will be made by DEP if the results indicate that remediation is necessary.

If DEP determines that no remediation is necessary, written notice shall be given by DEP.

If remediation is indicated from the test results, a proposed remediation plan must be submitted to DEP for review and approval. The applicant must complete such remediation as determined necessary by DEP. The applicant should then provide proper documentation that the work has been satisfactorily completed.

A DEP-approved construction-related health and safety plan would be implemented during excavation and construction activities to protect workers and the community from potentially significant adverse impacts associated with contaminated soil and/or groundwater. This Plan would be submitted to NYCDEP for review and approval prior to implementation.

**TABLE 11-3
(E)-Designation Site Summary Table
Greenpoint-Williamsburg Rezoning, CEQR # 04DCP003K**

Site	Block(s)	Lot(s)	Site Area (sq. feet)	Site Type	Basis for (E)-Designation	
					Source	Comments Regarding (E)-Designation Cause
1	2472	410	106,036	Potential	On Site	SQG, tank in service, closed tank, closed spills
2	2472	425	123,206	Potential	On Site	LQG with violations, tank and leaking tank
3	2494, 2502, 2472, 2520, 2510	1, 1, 2, 57, 1	963,253	Projected	On Site	Open spill on Site, former lithograph manufacturing, auto repair
3.1	2472, 2494	32, 6	137,311	Potential	On Site	Sludge tank on site.
3.2	2472	100	266,579	Potential	On Site	Former Towing and Auto Repair
4	2482	1, 4, 6	5,265	Potential	On Site	Historic filling station at Lot 1, junk storage at Lot 4
5	2482	7, 8	7,008	Potential	On Site	Historic iron works, closed spill on Site
6	2482	53	9,270	Potential	On Site	Historic iron works, glazing and metal products
7	2482	21	24,200	Potential	On Site	Former transit car repair shop
8	2482	39, 26	38,300	Potential	On Site	Historic transit car barn, tank at lot 26
9	2483	61, 62	5,000	Potential	On Site	Historic paint shop, tank at lot 62
10	2483	11,12	5,000	Potential	Adjacent	Tank at adjacent Site 9 lot 62
11	2483	14, 15	7,500	Potential	On Site	Machine Shop at lot 15
12	2483	20, 19, 17	10,000	Potential	On Site	Metal Works at lot 17
13	2483	60, 59	5,000	Potential	On Site	Auto repair, historic iron works at lot 50
14	2483	48	5,000	Potential	On Site	Suspect tank, historic plastic product manufacturing
15	2483	25	10,000	Potential	On Site	Historic truck repair and gasoline tank
16	2483	45	7,500	Potential	Adjacent	unknown mfg, suspect tank at adjacent Site 14
17	2487	17, 20, 18, 21, 72, 10, 12	63,500	Potential	On Site	Historic iron works, film manufacturing, tank at lot 12
18	2503	1	57,775	Potential	On Site	Historic laundry service, closed tanks
19	2511	1	23,250	Projected	On Site	Historic Fur Dressing, above ground tank
20	2511	12, 14, 11	10,000	Potential	Adjacent	Suspect tank at adjacent Site 19
21	2511	31	5,000	Potential	On Site	SQG with 9 violations
22	2512	60	15,936	Projected	On Site	Former metal products manufacturing/processing
23	2512	52, 54	7,500	Potential	On Site	Suspect tank at lot 52
24	2520	1	57,475	Potential	On Site	Site occupied by Lithographs Mfg. Co., tank
25	2521	1	6,000	Potential	On Site	Cement product manufacturing on site
26	2521	6, 5, 7	5,500	Projected	Adjacent	Lithographs Manufacturing at adjacent Site 24
27	2521	11, 12, 13	7,500	Potential	On Site	Auto repair, suspect tank at lot 13
28	2521	32	5,625	Potential	Within 400 ft	Tank at Site 29
29	2521	19	2,500	Projected	On Site	Tank on Site
30	2522	10	5,000	Projected	Within 400 ft	Tank at Site 29, Historic Iron & Steel east of lot
31	2522	16, 18	16,575	Potential	On Site	Historic iron works on Site
32	2522	24	20,536	Projected	On Site	PBS UST on site, historic iron and steel company
33	2522	31	17,217	Projected	On Site	Two historic gasoline tanks on Site
34	2530	55, 56, 1	112,956	Potential	On Site	Historic iron works, paper manufacturing, SQG, tank
35	2531	1, 2, 3	7,500	Potential	On Site	Tank at lot 3
36	2531	110, 10, 9	5,625	Potential	Adjacent	Tank at adjacent Site 37 lot 12
37	2531	12	5,000	Potential	On Site	Tank on site
38	2531	36, 35	5,000	Potential	Adjacent	Tank at adjacent Site 37 lot 12
39	2531	20	6,262	Projected	Within 400 ft	Machine shop at Site 40
40	2532	1	9,500	Potential	On Site	Machine shop, historic auto repair with gas tanks
41	2538	1	108,843	Potential	On Site	Historic shipping waterfront
42	2539	1, 8	17,300	Potential	On Site	Historic and suspect tanks at lots 1 and 8
43	2539	29, 27	7,491	Projected	On Site	Tank at lot 27
44	2543	1	102,390	Potential	On Site	Taxi Garage and SQG with violations, TRIS
45	2549	1	19,984	Projected	On Site	PBS AST on site, historic brass foundry
46	2549	10	9,120	Potential	On Site	Historic lead pencil manufacturing on Site
47	2549	14	10,050	Potential	On Site	Packaging manufacturer on site
48	2549	25	4,750	Potential	Adjacent	Tanks at adjacent Sites 54 and 55
49	2549	28	9,950	Potential	On Site	PBS AST, leaking tanks, spill # 9908120
50	2549	36	10,100	Potential	On Site	Historic pencil manufacturing with paint mixing

TABLE 11-3 (continued)
(E)-Designation Site Summary Table
Greenpoint-Williamsburg Rezoning, CEQR # 04DCP003K

Site	Block(s)	Lot(s)	Site Area (sq. feet)	Site Type	Basis for (E)-Designation	
					Source	Comments Regarding (E)-Designation Cause
51	2556	46, 45	22,262	Potential	On Site	Tank at lot 46
52	2556	57, 58, 55	12,473	Potential	On Site	VCP at lot 57
53	2557	1, 3	17,578	Potential	On Site	SQG, tank and laboratory at lot 1
54	2557	7	23,300	Potential	On Site	Historic lead pencil manufacturer on Site
55	2557	24	30,825	Projected	On Site	Tank, SQG, historic pencil manufacturer on Site
56	2567, 2570, 2556, 2564	1, 36, 1, 1	478,896	Potential	On Site	AST at Block 2564, PBS AST at 2557 lot 24
57	2562	1, 10	19,544	Projected	On Site	Historic auto repair, filling station on site
58	2562	39, 37	6,578	Potential	On Site	Historic machine shop, tanks at lots 37 and 39
59	2562	29	15,000	Potential	On Site	Tanks on site, historic steel drum cleaning/storage
60	2565	1	40,000	Projected	On Site	Suspect tank on site, historic foundry, terminal
61	2568	1	79,000	Potential	On Site	55 gallon drums on site
62	2570	1	323,781	Potential	On Site	AST, UST, SQG, leaking tanks, trucking terminal
63	2571	1, 9	19,750	Potential	On Site	Historic iron works at Lot 1
64	2571	18	5,000	Potential	Adjacent	55 gallon drum at adjacent Site 61
65	2589	5	17,550	Potential	On Site	Suspect tank, historic iron works, paint spraying
66	2589	13	18,537	Potential	On Site	Historic foundry on Site
67	2590	1	79,843	Potential	On Site	2 PBS USTs, historic steel product manufacturing
68	2590	210, 222, 215	37,937	Potential	On Site	Historic auto repair, gas tanks, SQG, Spills
69	2644	43	5,000	Potential	On Site	Tank, former auto repair at Site
70	2679	46	15,000	Potential	Adjacent	Historic ash receiving facility west of lot
71	2697	16	5,689	Potential	On Site	Auto repair, suspect tank, historic filling station
72	2697	7	8,000	Potential	On Site	Furniture finishing, historic filling station, suspect tank
73	2697	1	6,868	Potential	On Site	Jewelry manufacturing, SQG, historic filling station
74	2698	1	13,789	Potential	On Site	Auto repair, suspect and historic tanks on site
75	2698	5	5,000	Potential	On Site	Suspect tank historically on Site
76	2698	7	10,200	Potential	On Site	Suspect tank, historic lacquer spraying on site
77	2698	15, 11	7,900	Potential	On Site	Historic and suspect tank at lot 11
78	2698	25, 26	12,143	Potential	On Site	2 CBS ASTs, SQG, TRIS
79	2699	9	6,401	Potential	On Site	SQG, former CBS-AST (TCE) on site
80	2699	15, 17	8,212	Potential	On Site	Historic printing operations at Lot 15
81	2701	2, 1, 50	6,404	Potential	On Site	Automobile engine cleaning, car wash on site
82	2713	13, 9	14,745	Potential	On Site	Historic filling station at Lot 13
83	2713	1	7,183	Potential	On Site	Auto repair/filling station on Site
84	2714	33	10,020	Potential	Adjacent	Tank, motor freight station at adjacent Site 85
85	2714	13	12,500	Potential	On Site	Fuel oil company, tank on site
86	2714	30, 32	6,656	Potential	On Site	Historic motor freight station at Lot 32, suspect tank
87	2719	8, 11, 4, 1	11,668	Potential	On Site	Historic iron works, plastic tank and drum storage
88	2719	13, 16, 14	10,000	Potential	On Site	Historic paint mfg, motor freight station, open spill
89	2719	32, 31	8,625	Potential	Adjacent	Open spill at adjacent Site 88
90	2720	9, 10, 12	6,405	Potential	Within 400 ft	Open spill at Site 88
91	2720	41, 19	8,350	Potential	Within 400 ft	Filling station at Site 96
92	2720	44, 43, 46, 45	8,900	Potential	On Site	Suspect tank at Lot 46
93	2724	1, 33, 34, 37, 30, 31	19,920	Potential	On Site	Listed as CERC-NFRAP, SQG, tank at lot 1
94	2724	10, 12, 7	9,800	Potential	On Site	Automotive Repair at Lot 7
95	2724	18	8,800	Potential	Within 400 ft	Automotive Repair at Site 94 lot 7
96	2727	47, 1	23,181	Potential	On Site	Filling station at lot 1, spill, SQG, PBS
97	2289	14	36,000	Potential	On Site	Historic NY Quinine & Chemical on Site
98	2290	5	12,860	Projected	On Site	Solid Waste, feather processing on site
99	2290	10	2,500	Potential	On Site	Suspect tank on site
100	2291	1	10,000	Projected	On Site	Former Reicholds Chemical Inc. ~1942--1996
101	2291	17	20,000	Potential	On Site	Former paint manufacturing on site ~1996--1951
102	2292	33, 29	12,500	Projected	On Site	Historic auto body building, auto repair at lot 33
103	2292	12, 11	10,000	Potential	On Site	Historic metal reducing at Lot 12
104	2721	8	5,000	Potential	On Site	Historic scrap metal activities on Site

TABLE 11-3 (continued)
(E)-Designation Site Summary Table
Greenpoint-Williamsburg Rezoning, CEQR # 04DCP003K

Site	Block(s)	Lot(s)	Site Area (sq. feet)	Site Type	Basis for (E)-Designation	
					Source	Comments Regarding (E)-Designation Cause
105	2721	11	69,000	Projected	On Site	PBS UST, open spill #9801444
106	2722	36, 34	7,500	Potential	On Site	Auto repair, suspect tank at lot 34
107	2722	8	5,000	Potential	On Site	Paint storage, historic electric motor repair on lot
108	2722	10	7,500	Projected	On Site	Historic scrap iron yard on Site
109	2722	16, 13, 15	12,500	Potential	On Site	Machine shop at Lot 13, historic foundry at Lot 16
110	2722	19	5,000	Projected	On Site	Historic filling station on Site
111	2722	21	10,000	Projected	On Site	5 closed and removed PBS USTs and SQG
112	2722	25	5,000	Potential	On Site	gasoline tanks historically on Site
113	2723	1	10,000	Potential	On Site	Furniture manufacturing, historic acid tanks on site
114	2723	7, 5	15,000	Potential	On Site	Suspect clothing manufacturing at Lot 7
115	2723	30, 29	5,000	Potential	Within 400 ft	Auto wrecking at adjacent lot 33
116	2723	33, 36	5,458	Potential	Adjacent	PBS AST at adjacent Site 117 lot 38
117	2723	38, 37	17,500	Potential	On Site	PBS AST at lot 38
118	2296	14	45,000	Potential	On Site	Tank, historic iron works on site
119	2297	5	29,450	Projected	On Site	PBS AST and open spill #9514404
120	2297	1	5,000	Potential	On Site	LQG, PBS UST, Spill #9902614
121	2298	31	5,000	Potential	Within 400 ft	Suspect tank at Site 123
122	2298	29	10,000	Potential	Adjacent	Suspect tank at adjacent Site 123
123	2298	13	10,000	Potential	On Site	Metal works, suspect tank on site
124	2298	21	10,000	Potential	On Site	Historic auto repair, gasoline tank, suspect tank
125	2299	1	20,000	Projected	Adjacent	Auto repair at adjacent Site 102
126	2299	9	38,000	Potential	On Site	Historic chemical warehouse
127	2299	21	18,000	Potential	On Site	3 CBS ASTs on site
128	2300	1, 5	7,500	Potential	On Site	Historic motor freight station, PBS AST at lot 5
129	2300	26, 20	23,775	Potential	On Site	Auto Repair at lot 20, historic coal company at Lot 26
130	2731	1	27,500	Projected	On Site	55 gallon drums on site
131	2731	45, 47, 44	10,000	Potential	On Site	Historic auto repair, machine shop, SQG at lot 44
132	2731	38, 41	6,225	Potential	On Site	Tank at lot 41
133	2731	36, 35	5,000	Potential	Adjacent	Tank at 33 Frost Street
134	2732	33	5,000	Potential	Adjacent	Suspect tank at adjacent Site 155 lot 11
135	2732	5	6,900	Potential	On Site	PBS UST, leaking tank on Site
136	2732	27, 30	15,000	Potential	On Site	Former dry cleaning at Lot 27
137	2733	6, 10, 7	10,323	Potential	On Site	Gasoline station, tanks at lot 7, closed spill
138	2734	5, 11, 3, 4, 7	17,855	Potential	On Site	Historic skin dressing at Lot 4, auto body at lot 11
139	2734	13	1,821	Potential	Adjacent	Auto body at adjacent Site 139 lot 11
140	2734	35, 38	8,070	Potential	On Site	Historic fur finishing, junk storage at Lot 35
141	2304	36, 37	5,000	Potential	Adjacent	Regulated transfer station at adjacent Site 142
142	2304	14, 10, 13, 12	10,000	Potential	On Site	Regulated transfer station at lot 10
143	2304	15	7,500	Projected	Adjacent	Regulated transfer station at adjacent Site 142
144	2305	17, 15, 16	7,500	Potential	On Site	Historic metal cap stamping, chemical company
145	2305	18	35,000	Projected	On Site	Historic glass works on Site.
146	2306	30, 15, 1, 28, 11, 27	50,002	Potential	On Site	Historic auto repair, motor freight station, SQG
147	2306	9	5,000	Potential	On Site	Historic auto repair on Site
148	2306	18	10,950	Projected	On Site	Suspect tank, historic paint factory on site
149	2307	33, 38, 31, 36	22,450	Projected	On Site	Historic varnish manufacturing, machine shop
150	2307	1	30,000	Potential	On Site	Suspect tank, historic chemical shop, iron works
151	2307	16, 14, 19	15,125	Potential	On Site	Historic metal scrap at Lot 14, auto painting
152	2307	25, 27	14,750	Potential	On Site	Historic metal works at Lot 27
153	2736	48, 9, 1	35,073	Potential	On Site	Historic iron works, SQG at lot 1
154	2736	20, 23	9,997	Potential	On Site	Historic motor freight station, auto repair shop
155	2737	10, 11	5,800	Potential	On Site	Historic auto repair at Lot 10, filling station at Lot 11
156	2738	3, 5	8,600	Potential	On Site	Auto body shop, auto painting at lot 5
157	2738	10	5,462	Potential	Adjacent	Auto body shop at adjacent Site 156 lot 5
158	2738	13, 15	7,500	Potential	On Site	Suspect tank at lot 13, historic auto repair, gas tank
159	2738	24, 21	7,500	Potential	On Site	Tank at lot 21

TABLE 11-3 (continued)
(E)-Designation Site Summary Table
Greenpoint-Williamsburg Rezoning, CEQR # 04DCP003K

Site	Block(s)	Lot(s)	Site Area (sq. feet)	Site Type	Basis for (E)-Designation	
					Source	Comments Regarding (E)-Designation Cause
160	2309	5, 13	19,500	Projected	On Site	Historic coal yard and tank at lot 5
160.1	2309	1	18,000	Projected	On Site	Historic metal product manufacturer on Site
161	2309	17	25,000	Projected	On Site	Suspect tank, historic chemical warehouse on Site
162	2310	10, 9, 11	5,001	Potential	Within 400 ft	Suspect tank at Site 161
163	2312	22, 23	20,000	Projected	On Site	Historic transformer company and tank at lot 23
164	2313	1	7,800	Potential	On Site	Furniture manufacturing on Site
165	2313	7, 5	14,838	Potential	On Site	Historic lead and color company, suspect tank
166	2313	22, 13, 11	22,500	Potential	On Site	Auto junk yard at Lot 11, suspect tank at lot 13
167	2313	15	3,000	Potential	On Site	Tank on site
168	2313	23, 24, 26	7,500	Potential	On Site	Iron works at lot 26, historic gas tank at Lot 24
169	2313	29, 28, 27	7,531	Potential	On Site	Historic white lead and color works at Lot 29
170	2314	1	17,500	Potential	On Site	Tank, historic filling station on Site
171	2314	5	20,000	Projected	On Site	Tank on site, closed in place
172	2315	14	15,550	Potential	On Site	Historic mirror manufacturing on Site
173	2315	21	9,375	Potential	On Site	Historic junk yard on Site
174	2741	8, 3, 7	15,000	Potential	On Site	Auto repair, junk yard, suspect tank at lot 3, spills
175	2741	47	9,360	Potential	Adjacent	Suspect tank at adjacent Site 174 lot 3
176	2741	13	6,543	Potential	On Site	Two 55 gallon drums on site (contents unknown)
177	2741	15	5,000	Potential	Adjacent	Filling station at adjacent Site 177
178	2741	19	6,050	Potential	On Site	Filling station, tanks, closed spill
179	2742	4, 2, 5, 9	15,576	Potential	On Site	Historic motor freight station, suspect gas tank
180	2742	15	5,000	Potential	On Site	Historic furniture manufacturing on Site
181	2742	20, 17	12,500	Potential	On Site	Iron works at lot 17
182	2742	35	5,000	Potential	Adjacent	Suspect tank at adjacent Site 179 lot 2
183	2746	41, 42, 40	7,500	Potential	On Site	Fuel truck garage, tank at lot 42
184	2742	39	11,500	Potential	Adjacent	Tank at adjacent Site 183 lot 42
185	2317	7, 36, 3, 8, 5, 1, 6	20,722	Projected	On Site	Historic auto repair, gas tank, coal yard on Site
186	2317	13, 12	5,000	Potential	Adjacent	Suspect tank at adjacent Site 161
187	2317	17, 16	5,000	Potential	On Site	Painters equipment storage, drums on site
188	2317	18	10,000	Potential	Adjacent	Tanks at adjacent Site 201 lot 11 and 12
189	2319	31	19,740	Potential	On Site	Closed spill, FINDS, FTTS
190	2320	15	7,500	Projected	On Site	Open spill and PBS AST on site
191	2321	38, 36, 37	7,294	Projected	Within 400 ft	Open spill and suspect tank at Site 190
192	2321	14, 13	5,000	Potential	Within 400 ft	Multiple tanks at Blocks 2313 and 2314
193	2321	18	13,100	Projected	On Site	Historic machine shop on Site
194	2321	25	1,200	Projected	Adjacent	Suspect tank at adjacent Site 195
195	2322	1	12,500	Potential	On Site	Suspect tank on site
196	2322	6	12,500	Potential	Adjacent	Tank at adjacent Site 197, SQG at Site 197
197	2322	28, 10, 11, 30	32,567	Potential	On Site	paint spraying, tank at lot 10, SQG at lot 28, FINDS
198	2323	10, 9	15,983	Potential	On Site	Historic auto repair, tank at lot 10
199	2324, 2332	1, 1	294,100	Projected	On Site	Historic rail yard, tow yard, SQG, FINDS
200	2325	5, 103, 4	8,500	Potential	Adjacent	SQG and Tow yard at adjacent Site 199
201	2325	12, 11	7,500	Potential	On Site	Historic motor freight station, tanks
202	2325	26, 24, 25	7,500	Potential	On Site	gas tank at Lot 26, 55 gallon drums on lot 25
203	2325	27, 28, 29	7,500	Projected	Adjacent	55 gallon drums at adjacent Site 202 lot 25
204	2325	31, 32	5,000	Potential	Adjacent	Tanks at adjacent Site 201
205	2326	33, 32, 34, 35	9,700	Potential	Adjacent	Suspect tank at adjacent Site 206 lot 18
206	2326	19, 17, 18	18,333	Potential	On Site	Historic auto repair, suspect tank at lot 18
207	2327	2	10,495	Projected	On Site	Suspect tank on site
208	2327	4, 5	11,300	Projected	On Site	Former filling station, PBS UST
209	2327	18, 16, 17	6,900	Potential	On Site	Historic motor freight station at Lot 17
210	2327	34, 31, 19	1,233,485	Potential	On Site	PBS UST, spill # 8909928 at lot 19, CERCLIS

TABLE 11-3 (continued)
(E)-Designation Site Summary Table
Greenpoint-Williamsburg Rezoning, CEQR # 04DCP003K

Site	Block(s)	Lot(s)	Site Area (sq. feet)	Site Type	Basis for (E)-Designation	
					Source	Comments Regarding (E)-Designation Cause
211	2277, 2287, 2294, 2301, 2590	See Notes on last page	1,233,485	Projected	Not (E) - Designated	Site currently undergoing investigation, VCP, spills, coal gas
212	2331	7, 8	5,000	Potential	On Site	55 gallon drums stored at lot 8
213	2331	42	10,000	Potential	Adjacent	Star Soap and candle manufacturing adjacent to lot
214	2333	1	40,000	Potential	On Site	Suspect tank on site, historic railroad yard
215	2334	40, 50, 45, 1, 28, 3, 30	45,000	Projected	On Site	Historic rail yard, PBS UST on lot 40
216	2334	23, 22	10,036	Potential	Adjacent	PBS UST at adjacent Site 215 lot 40
217	2335	10, 6, 12	10,000	Potential	On Site	historic gas tank at Lot 10
218	2335	14, 13, 15	20,000	Projected	On Site	Historic auto repair with gas tank at Lot 13
219	2337	20	6,990	Potential	On Site	Tank, historic printing/auto repair on site
220	2338	1	1,582	Projected	Adjacent	Dry Cleaners adjacent to west
221	2339	7	7,920	Potential	On Site	Printing company on site
222	2340	1	214,329	Potential	On Site	C&D Recycling, SWF/LF, PBS, Spills, SQG
223	2341	9	54,850	Potential	On Site	Suspect carpet manufacturing
224	2342	1	47,600	Projected	On Site	SQG, FINDS on Site
225	2342	16	7,500	Potential	On Site	Auto repair on site
226	2342	23, 26	8,608	Potential	On Site	Historic motor freight station at Lot 23
227	2343	5	5,000	Projected	On Site	auto repair, 2 PBS USTs and open spill # 9706521
228	2343	18, 19	5,000	Potential	On Site	Historic machine shop, junk yard at Lot 18
229	2344	5	13,750	Potential	On Site	Furniture Manufacturing on site
230	2344	26	7,550	Projected	On Site	SQG, closed UST
231	2344	25	15,250	Potential	On Site	SQG, historic iron works on Site
232	2344	16	5,792	Potential	On Site	Suspect tank, historic foundry on Site
233	2346	30	11,325	Potential	On Site	Metal works on Site
234	2346	26	5,944	Potential	On Site	Tank, historic motor freight station on site
235	2349	1, 21, 15, 18	72,700	Projected	On Site	Historic freight yard, regulated transfer station, spill
236	2350	1	27,389	Projected	On Site	Historic printing operations on Site
237	2350	2	9,000	Potential	On Site	Historic printing operations on Site
238	2350	4	27,000	Potential	On Site	SQG, FINDS
239	2350	24	9,000	Potential	On Site	PBS UST, historic foundry on site
240	2350	26	27,511	Projected	On Site	Open spill on site
241	2351	40, 1	25,632	Potential	On Site	PBS UST closed in place
242	2351	28	15,753	Potential	On Site	PBS UST, FINDS
243	2352	20	7,500	Potential	On Site	Historic printing operations on Site
244	2353	6, 8	5,000	Potential	On Site	Two 55 gallon drums were observed at Lots 6 and 8
245	2353	26, 13, 28	11,807	Potential	On Site	Gasoline station, tanks at lot 13, closed tanks
246	2357	4, 1	22,975	Potential	Adjacent	Regulated transfer station at adjacent Site 235
247	2357	25	10,000	Potential	On Site	Suspect tank, historic paper product manufacturing
248	2357	18, 20, 22, 21, 24	13,694	Potential	On Site	Historic tank at Lot 24, suspect tank at lot 22
249	2358	1, 38	6,180	Potential	Adjacent	Suspect tank at adjacent Site 247
250	2358	4, 36	10,513	Potential	On Site	Historic metal products manufacturing, gas tank
251	2358	29, 6, 31	20,446	Potential	On Site	Historic tank at Lot 31, tank at Lot 29, closed spills
252	2358	11, 15, 14	9,819	Potential	Adjacent	Iron works at adjacent Site 254 lot 25
253	2358	22	5,550	Potential	Adjacent	Iron works at adjacent Site 254 lot 25
254	2358	25, 27, 24, 28	9,859	Potential	On Site	Iron works at lot 25
255	2363	3, 2	12,607	Potential	On Site	CBS UST and PBS AST, SQG, SSTS, TRIS
256	2363	38, 36	9,428	Potential	On Site	Possible tanks at lot 36 and 38
257	2363	9, 28	30,897	Potential	On Site	Historic junk yard, iron foundry at Lot 9
258	2363	26, 20	6,700	Potential	On Site	Auto repair, PBS AST at lot 26
259	2364	17	11,250	Potential	On Site	Tank at lot 17, AST at lot 16, closed spills
260	2366	1	7,950	Potential	Adjacent	Suspect tank at adjacent Site 261
261	2366	32	13,867	Potential	On Site	Suspect/historic tank on site

TABLE 11-3 (continued)
(E)-Designation Site Summary Table
Greenpoint-Williamsburg Rezoning, CEQR # 04DCP003K

Site	Block(s)	Lot(s)	Site Area (sq. feet)	Site Type	Basis for (E)-Designation	
					Source	Comments Regarding (E)-Designation Cause
262	2366	16, 21	8,633	Potential	On Site	Historic auto repair, tank, historic steel yard
263	2367	7	7,200	Potential	Adjacent	Tank at adjacent Site 262 lot 16
264	2367	15	6,400	Potential	On Site	Printing operations on Site
265	2367	27, 28	8,474	Potential	On Site	Automotive repair, historic battery service
266	2368	1	31,765	Potential	On Site	Tank and SQG on site
267	2368	19, 18, 21, 22	8,787	Potential	On Site	Automotive repair and AST on site
268	2368	28, 27, 26	5,073	Potential	Adjacent	Automotive repair and AST at adjacent Site 267
269	2368	31, 32, 34, 33	7,763	Potential	On Site	55 and 500 gallon plastic drums/tanks on site
270	2369	6, 4, 7	8,029	Potential	Adjacent	PBS AST, SQG, and spill at adjacent Site 275
271	2369	14	10,300	Potential	On Site	Historic oil can reclamation on Site
272	2369	19	17,604	Potential	On Site	Auto repair, 5 PBS USTs on site, closed spills
273	2369	27	5,800	Potential	On Site	Auto repair, SQG, FINDS on Site
274	2369	38, 37	6,302	Potential	Adjacent	PBS AST, SQG, and spill at adjacent Site 275
275	2369	40	20,313	Potential	On Site	PBS AST, SQG, spill # 0008211, HMRIS, FINDS
276	2371	3, 10, 5, 1	37,658	Potential	On Site	Steel product manufacturing, closed PBS UST
277	2371	33	8,575	Potential	On Site	Suspect tank, historic auto wrecking on site
278	2371	40, 42	16,135	Potential	On Site	Historic fur dyeing, suspect tank on lot 40
279	2371	48	5,050	Potential	On Site	Historic machine shop on Site
280	2372	1	5,750	Potential	On Site	Suspect tank, historic leather making on site
281	2372	5	10,184	Potential	On Site	Filling Station, 4 PBS USTs, closed spill
282	2372	9	5,282	Potential	On Site	Filling Station, 4 PBS USTs
283	2374	1	15,698	Potential	On Site	Historic machine shop, garage with gasoline tanks
284	2374	7	14,150	Potential	On Site	Former substation, open spill, closed spill
285	2374	27, 31, 28	11,462	Potential	On Site	Historic motor freight station with gas tanks
286	2375	1	5,000	Potential	Adjacent	Tank at adjacent Site 308
287	2375	5	7,500	Potential	On Site	Boiler repair shop on site
288	2375	10	5,060	Potential	On Site	Historic wire manufacturing on Site
289	2375	12	5,908	Potential	On Site	Historic wire manufacturing, suspect tank on site
290	2375	16	15,000	Potential	On Site	Historic wire manufacturing
291	2378	40	4,650	Potential	On Site	Former lacquer storage and filling station
292	2378	3, 2, 1	6,848	Potential	On Site	Auto repair, SQG at lot 1, FINDS
293	2378	11	15,800	Potential	On Site	Suspect tanks on site
294	2378	14	10,000	Potential	On Site	Historic blacksmith, fur dressing on Site
295	2378	21, 26	15,810	Projected	On Site	SQG, closed spill, historic blacksmith at lot 21
296	2378	29, 32	8,510	Potential	On Site	Historic hardware manufacturing at Lot 29
297	2378	35, 36	6,331	Potential	On Site	Suspect tank on site
298	2379	42, 44, 43	5,494	Potential	Adjacent	Suspect tank at adjacent Site 299 lot 9
299	2379	9, 8	11,875	Potential	On Site	Auto parts rebuilding, suspect tank at lot 9
300	2379	12, 13	5,079	Potential	On Site	Suspect tank at lot 12
301	2379	16, 19	11,330	Potential	Adjacent	Tank and AST at adjacent Site 259
302	2379	27, 24	8,243	Potential	On Site	Historic private garage with gas tanks at lot 16
302.1	2381	1	3,046	Projected	On Site	Historic auto repair, filling station on Site
303	2381	14, 16, 15	8,317	Potential	Adjacent	Suspect tank at adjacent Site 261
304	2382	28	1,794	Potential	Within 400 ft	Automotive repair at Site 265 lot 28
305	2384	8	14,600	Potential	On Site	Sheet metal fabricator on site
306	2384	25, 23, 22, 24	7,500	Potential	Adjacent	Sheet metal fabricator at adjacent Site 305
307	2386	7, 12, 14	20,000	Potential	On Site	Historic gas tanks, SQG at lot 12, FINDS
308	2387	2	7,125	Potential	On Site	Tank on site
309	2387	7, 12, 6	16,624	Potential	On Site	Auto repair at Lot 12
310	2399	1, 8	22,563	Potential	On Site	Filling Station with tanks on site
311	2411	1, 12	20,860	Potential	On Site	Car wash at lot 1
312	2390	15	2,500	Potential	Within 400 ft	Former lacquer storage, filling station at Site 291
313	2390	17, 16	5,000	Potential	On Site	Historic metal stamping, metal works at Lot 17
314	2393	14	5,500	Potential	Within 400 ft	Suspect tank at Site 261
315	2393	23, 24	5,000	Potential	Within 400 ft	Suspect tank at Site 261
316	2404	5, 1	11,154	Potential	On Site	SQG at lot 1, FINDS

TABLE 11-3 (continued)
(E)-Designation Site Summary Table
Greenpoint-Williamsburg Rezoning, CEQR # 04DCP003K

Site	Block(s)	Lot(s)	Site Area (sq. feet)	Site Type	Basis for (E)-Designation	
					Source	Comments Regarding (E)-Designation Cause
317	2416	8, 7	5,625	Potential	Adjacent	SQG at adjacent Site 316 lot 1
318	2416	27	5,350	Potential	Within 400 ft	SQG at Site 316 lot 1
319	2428	30, 28, 29	7,500	Potential	On Site	Scrap metal activities On Site
320	2441	4, 104, 107	10,475	Projected	On Site	Tank at lot 4
321	2441	47, 41	11,570	Potential	On Site	Historic can company printing works, suspect tank
321.1	2441	38	7,460	Projected	On Site	Suspect fuel oil fill port
322	2441	12	8,921	Potential	Adjacent	Tank at adjacent Site 320 lot 4
323	2441	24	9,450	Potential	Within 400 ft	Tank at Site 320 lot 4
324	2442	11	11,883	Potential	Within 400 ft	Tanks at Site 326
325	2442	21	989	Potential	On Site	Suspect tank on site
326	2442	25	11,000	Potential	On Site	Tanks, SQG, FINDS
327	2443	6, 37, 41	15,421	Potential	On Site	Auto body at Lot 41, suspect tank
328	2443	13	21,150	Potential	On Site	VCP, SQG, spills
329	2443	23	7,452	Potential	On Site	Historic auto repair, filling station on Site
330	2443	30, 29	6,991	Potential	On Site	Historic filling station, auto repair at Lot 30
331	2444	4, 2, 5, 3	9,200	Potential	On Site	Suspect tank at lot 2
332	2444	11	25,300	Potential	On Site	closed tank, spills
333	2444	28	4,950	Potential	On Site	Tank on site
334	2446	68	5,500	Potential	On Site	Suspect tank on site
335	2446	78	4,200	Projected	Within 400 ft	Suspect tank at Site 334

Notes:

For Sites with multiple blocks, the lot numbers correspond with the listed blocks, respectively.

Site 211 consists of Block 2277 Lot 1, Block 2287 Lots 1, 16, and 30, Block 2294 Lots 1 and 5, Block 2301 Lots 1, 50, 60, 70, and Block 2590 Lots 25 and 100.

The source for the (E)-Designation is either on-site, an adjacent lot, or within 400 feet of the site.

A list of acronyms and abbreviations is provided on Table 11-1.

The (E) designation cause that is listed in the table is not necessarily the most significant concern for the Site, but merely an identified condition leading to the designation.

Sites that were (E) designated based on either adjacent site conditions or conditions at sites within 400 feet may or may not have an on-site condition that would have led to the (E) designation. An on-site condition that would lead to an (E) designation may be identified following further review.