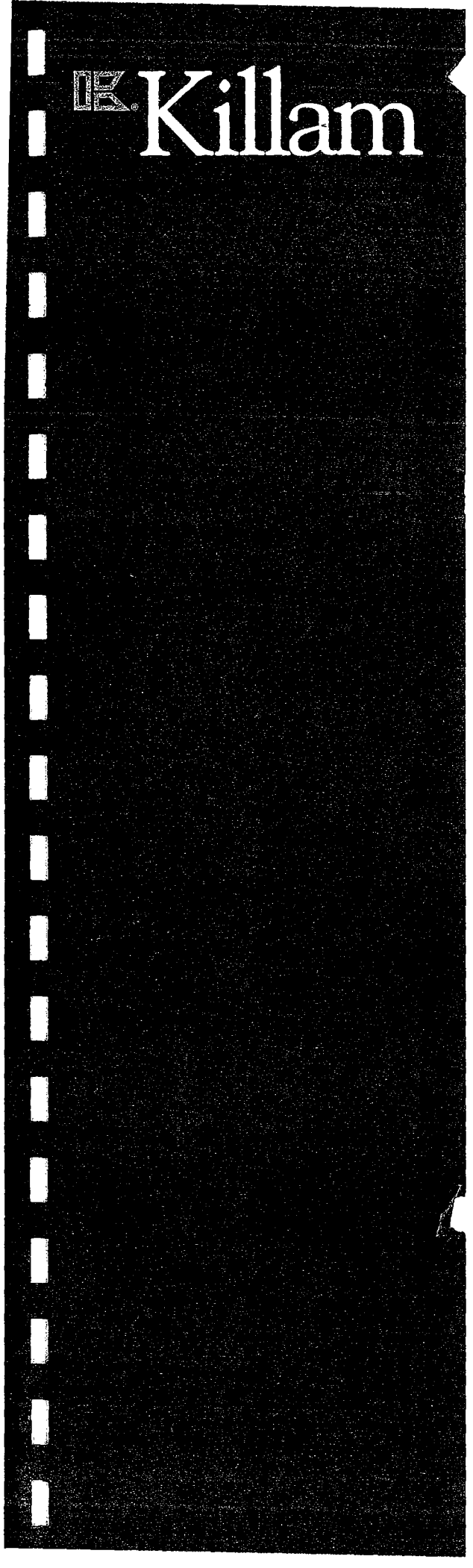

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- Industrial Wastewater
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- Hydraulic Infrastructure Evaluations
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- Bridge Engineering
- Highway Engineering
- Traffic Engineering
- Construction Engineering Services
- Field & Support Services

Report

SITE INVESTIGATION REPORT

of

Port Ivory Site
Staten Island, New York

Block 1309, Lot 10; Block 1338, Lot 1 and Block 1400, Lot 1

Volume II of III

April 2002

Prepared By:

KILLAM ASSOCIATES
Consulting Engineers
27 Bleeker Street
Millburn, New Jersey 07041

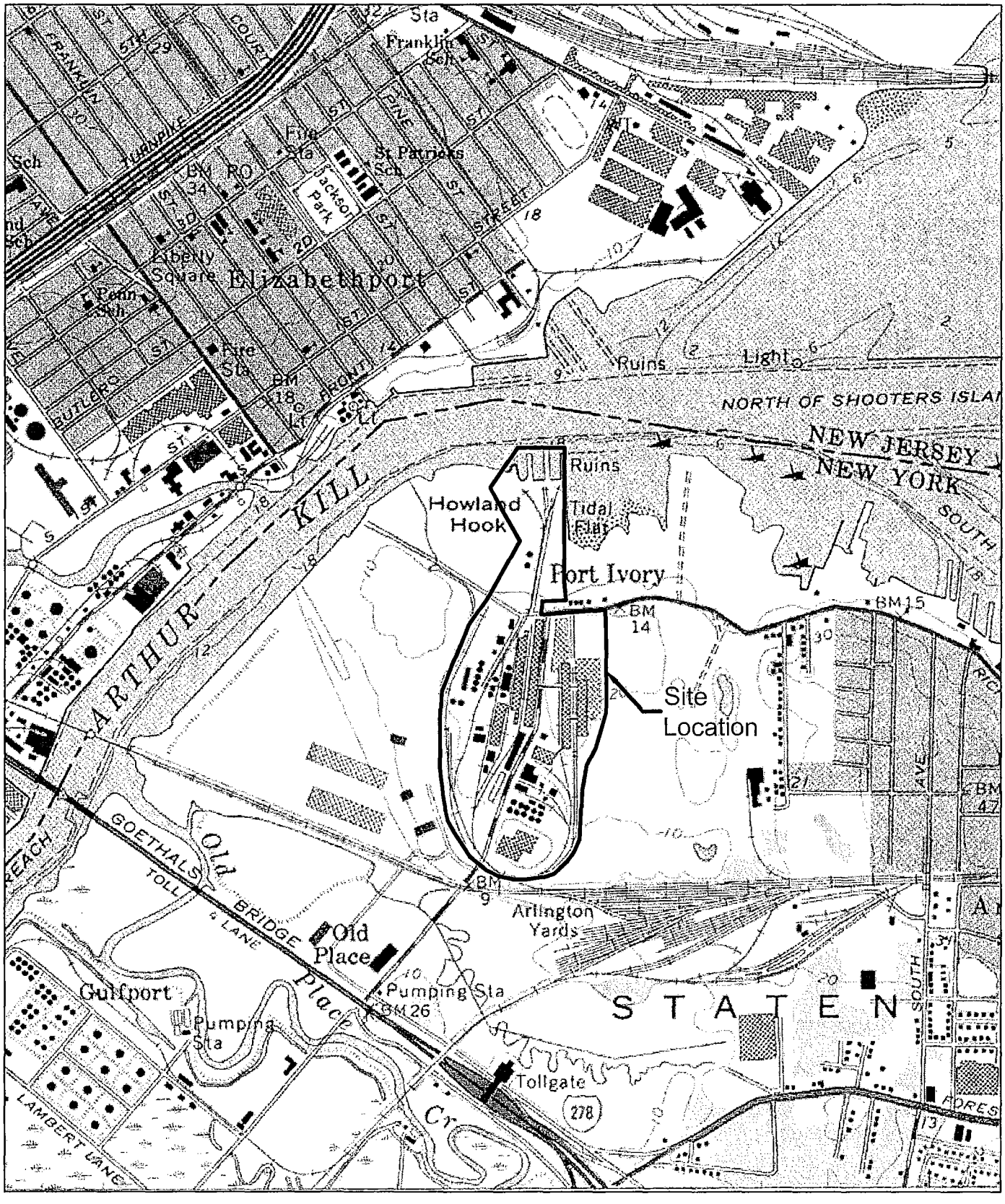
Prepared For:

The Port Authority
of New York and New Jersey

Corporate Headquarters
27 Bleeker Street
Millburn, NJ 07041-1008
Tel. 973.379.3400
Fax. 973.912.2400

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Appendix A

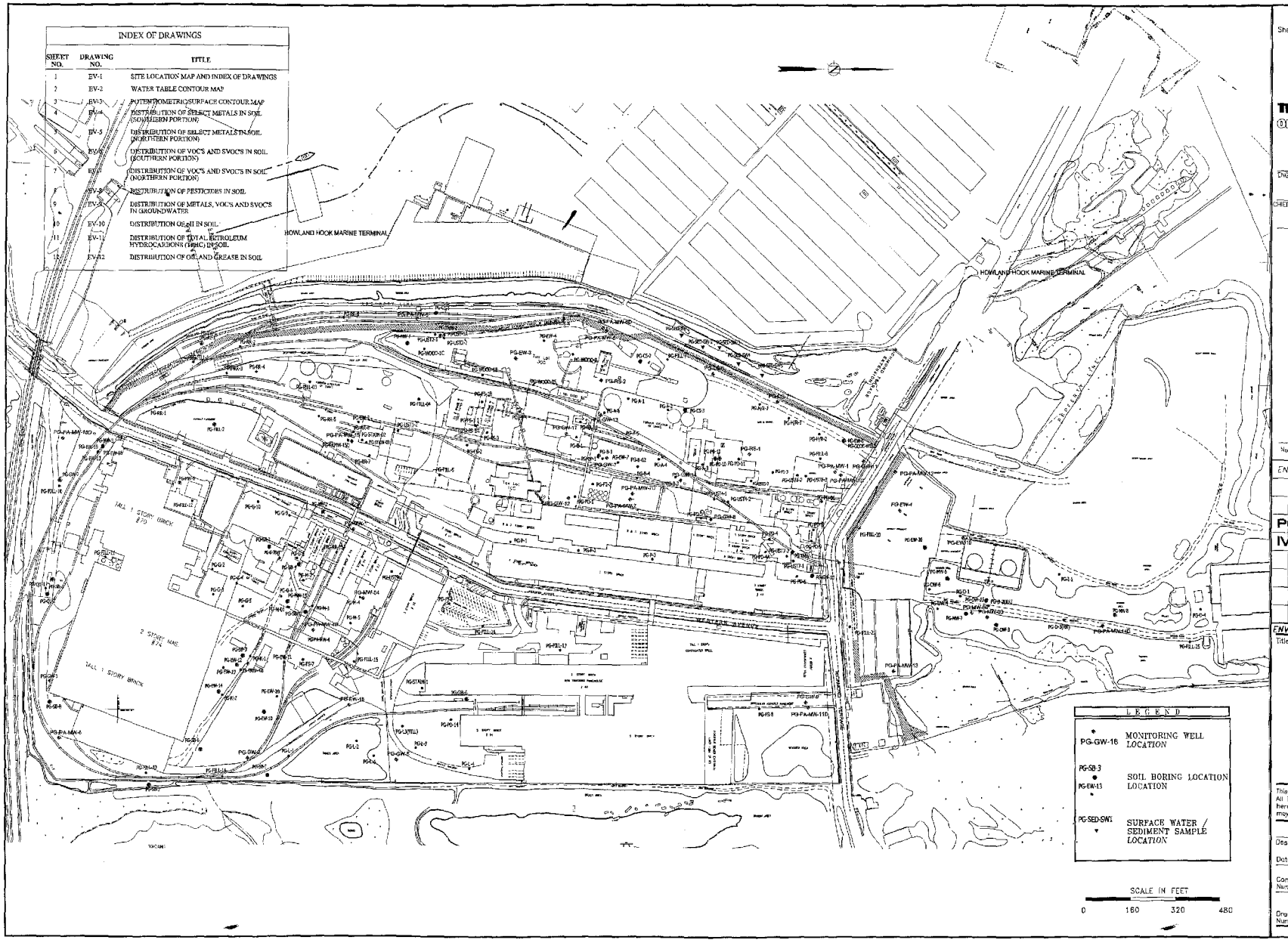


SOURCE: USGS ELIZABETH, NJ–NY
QUADRANGLE PHOTOREVISED 1981

FIGURE 1
SITE LOCATION MAP
PORT IVORY SITE
STATEN ISLAND, NEW YORK

2000 0 2000 4000
SCALE IN FEET

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Figure 2

SAMPLE LOCATIONS MAP AND INDEX OF DRAWINGS

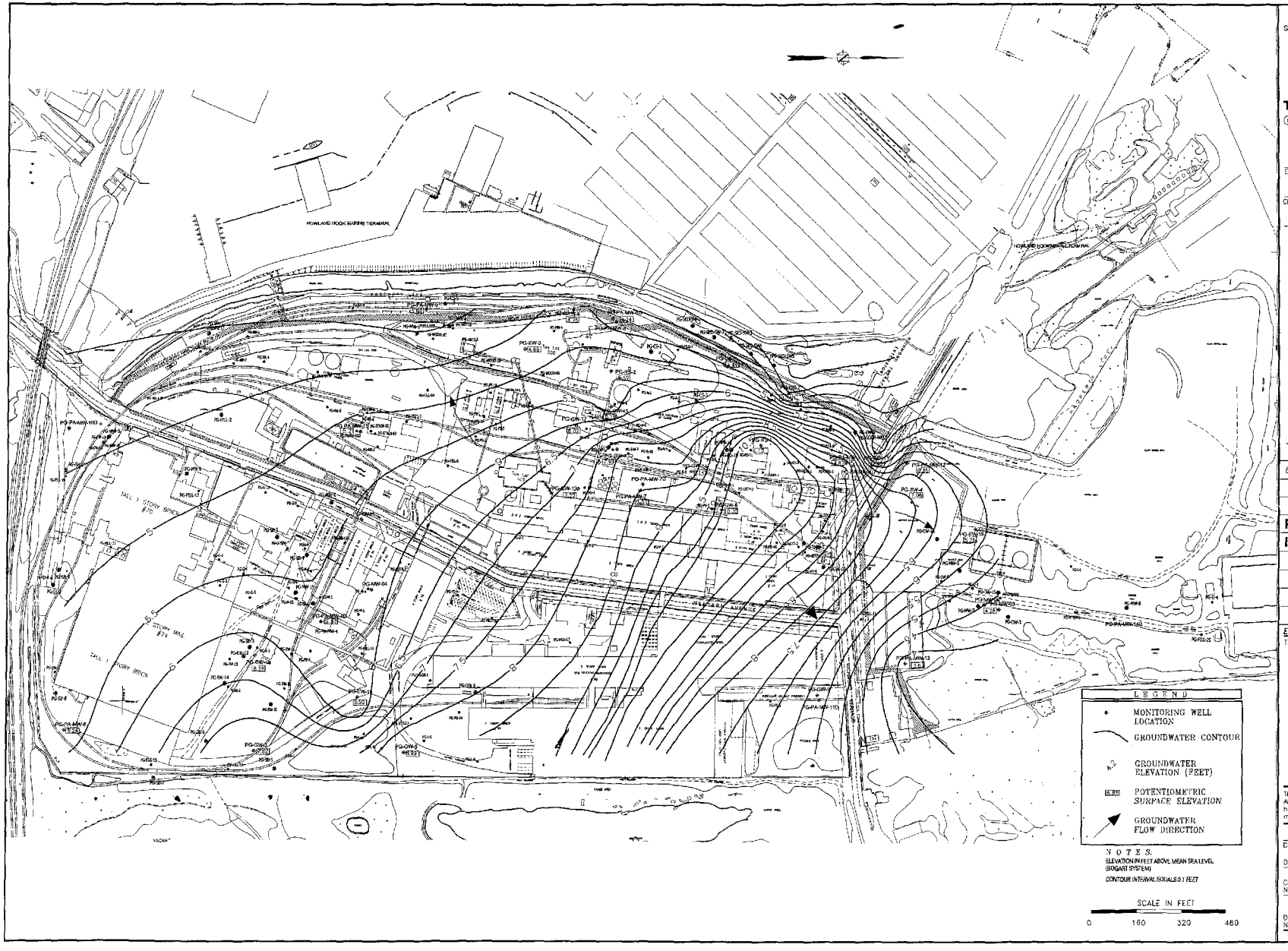
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Figure 3

POTENTIOMETRIC SURFACE CONTOUR MAP

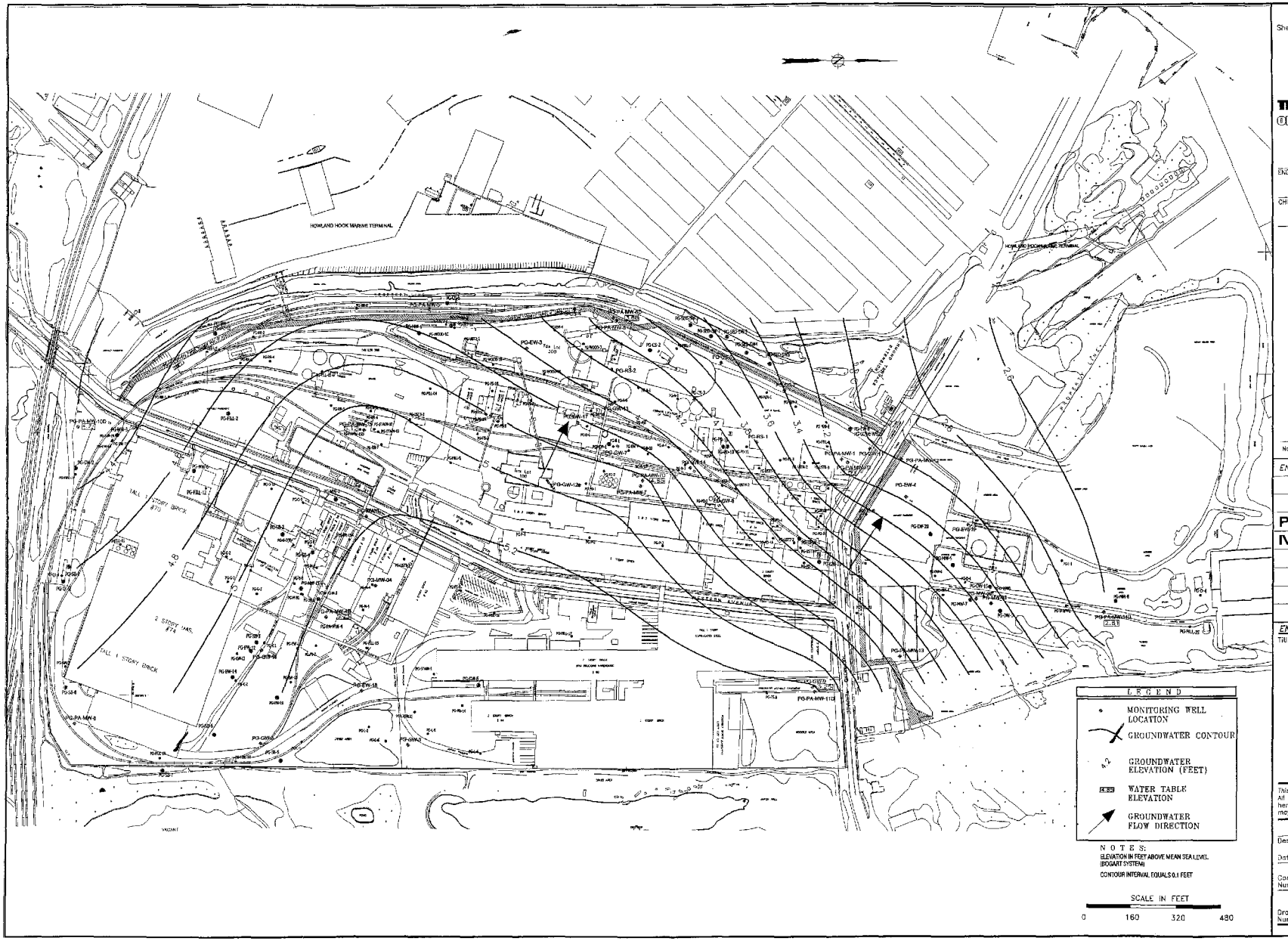
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Figure 4

WATER TABLE CONTOUR MAP

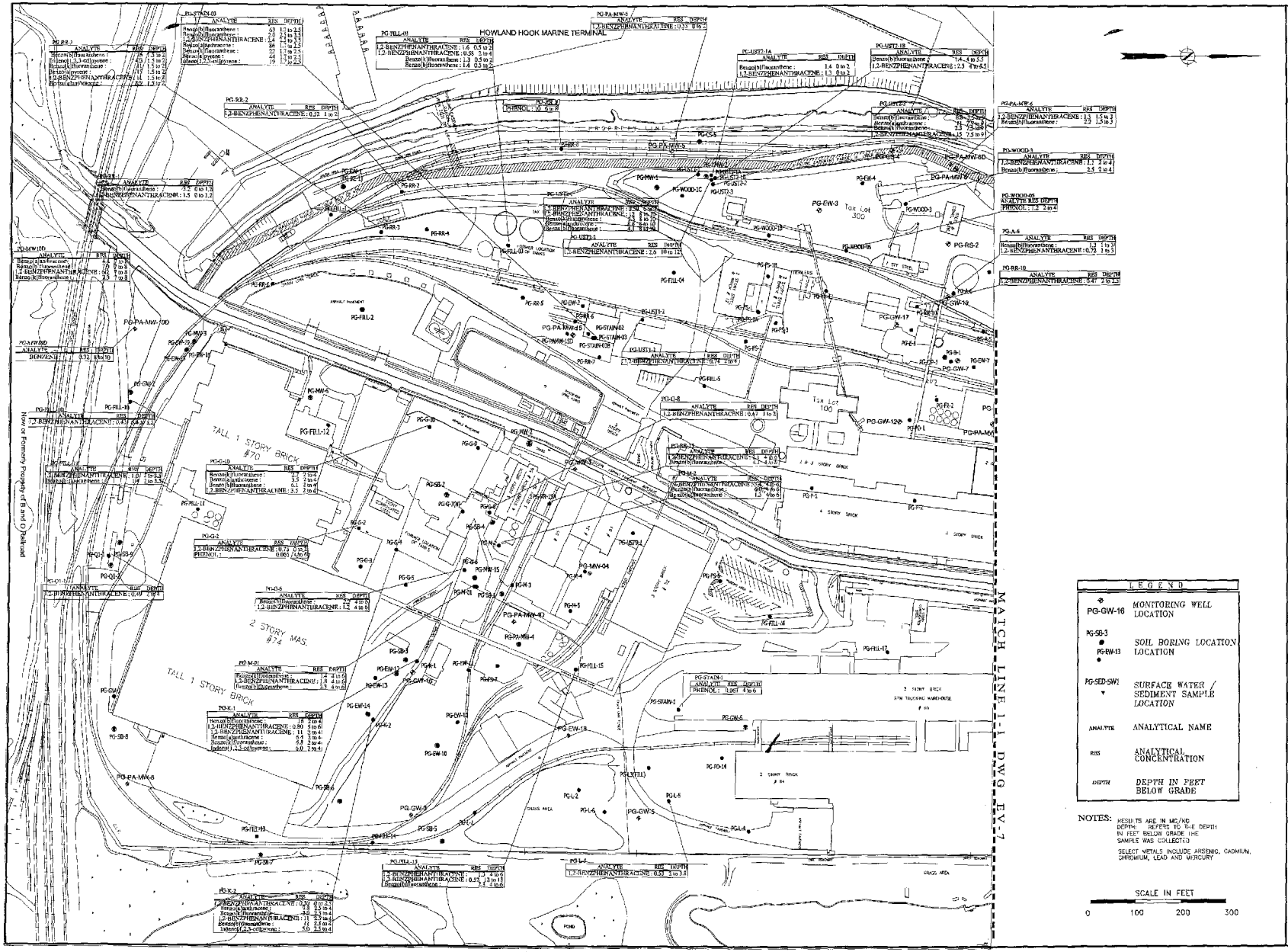
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Figure 5

DISTRIBUTION OF VOC'S AND SVOC'S IN SOIL (Southern Portion)

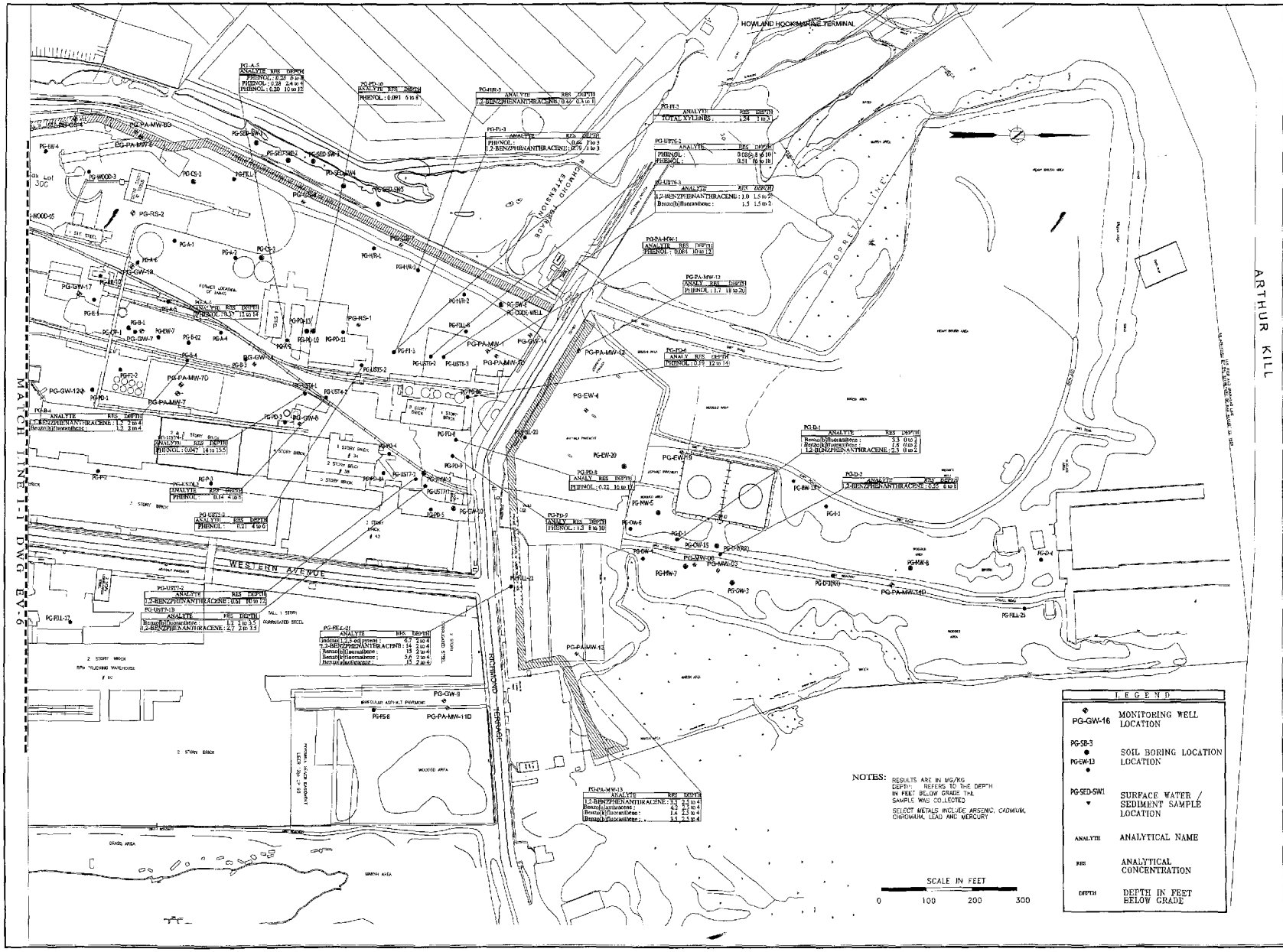
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Figure 6

DISTRIBUTION OF VOC'S AND SVOC'S IN SOIL (Northern Portion)

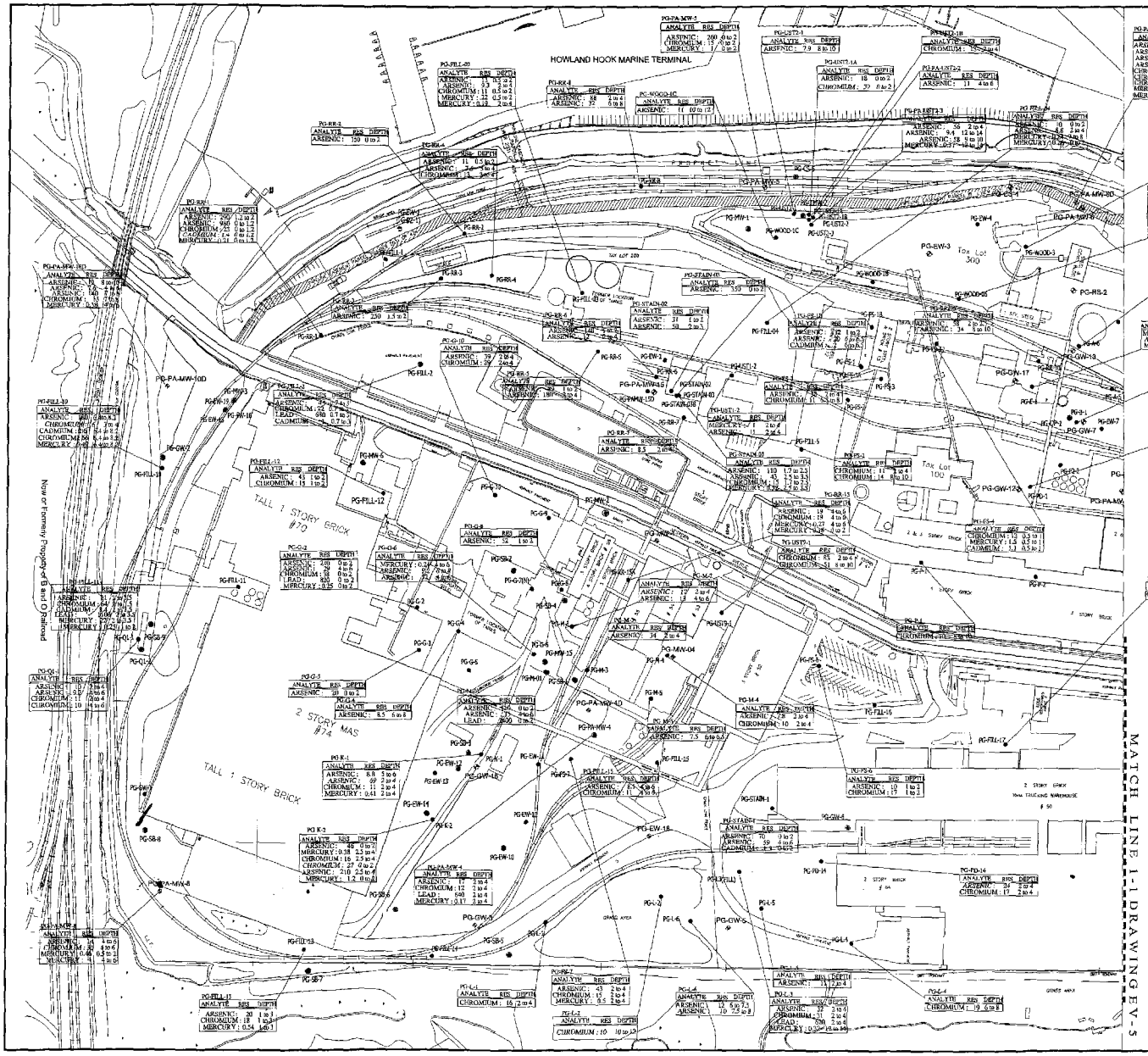
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LEGEND

PG-GW-16	MONITORING WELL LOCATION
PG-SB-3 / PG-EW-13	SOIL BORING LOCATION LOCATION
PG-SED-SW1	SURFACE WATER / SEDIMENT SAMPLE LOCATION
ANALYTE	ANALYTICAL NAME
RES	ANALYTICAL RESULT
DEPTH	DEPTH IN FEET BELOW GRADE

NOTES:
RESULTS ARE IN MG/KG
DEPTH: REFERS TO THE DEPTH IN FEET BELOW GRADE THE SAMPLE WAS COLLECTED
SELECT METALS INCLUDE ARSENIC, CADMIUM, CHROMIUM, LEAD AND MERCURY

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Figure 7

DISTRIBUTION OF SELECTED METALS IN SOIL (Southern Portion)

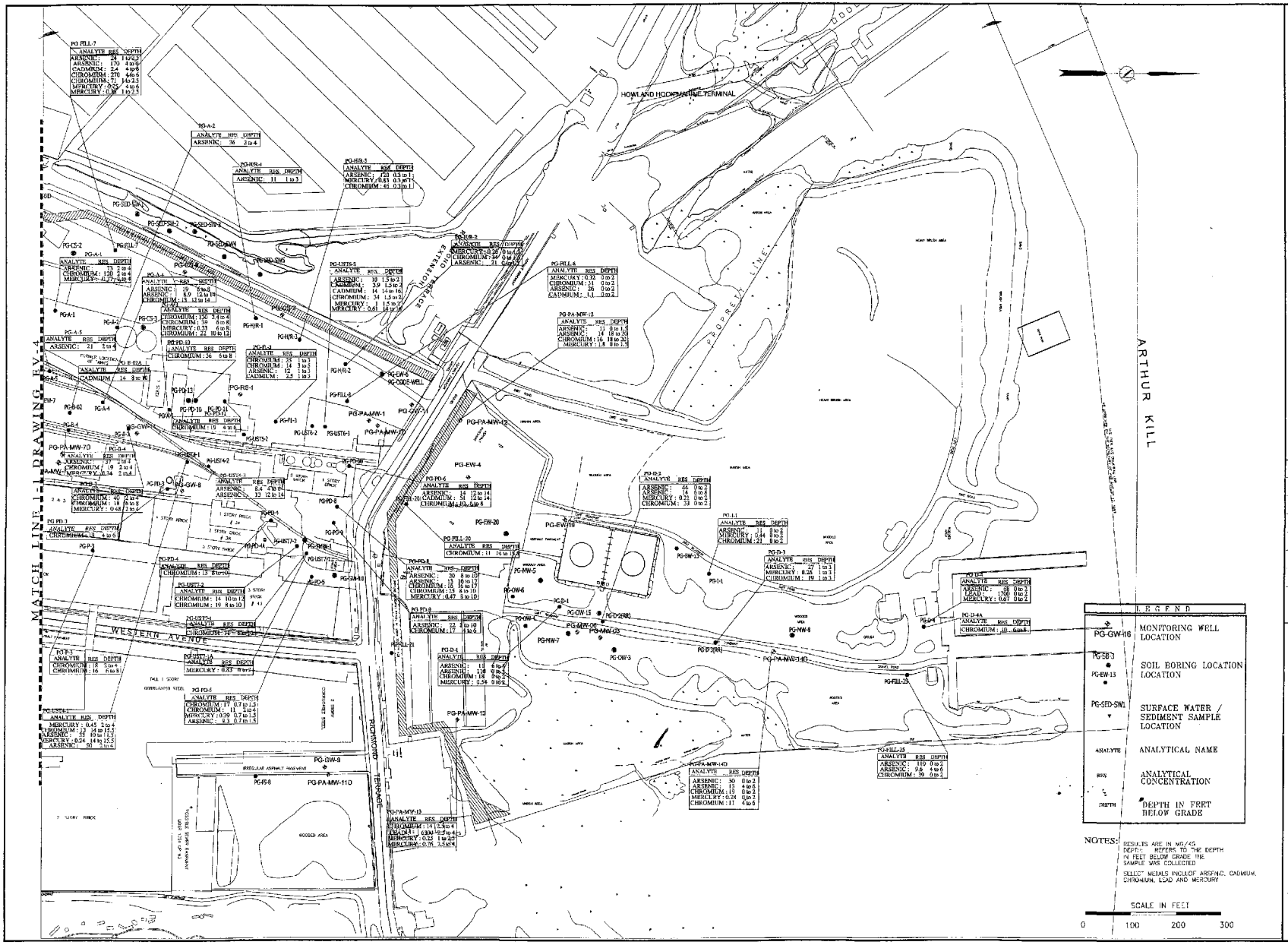
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Figure 8

DISTRIBUTION OF SELECT METALS IN SOIL (Northern Portion)

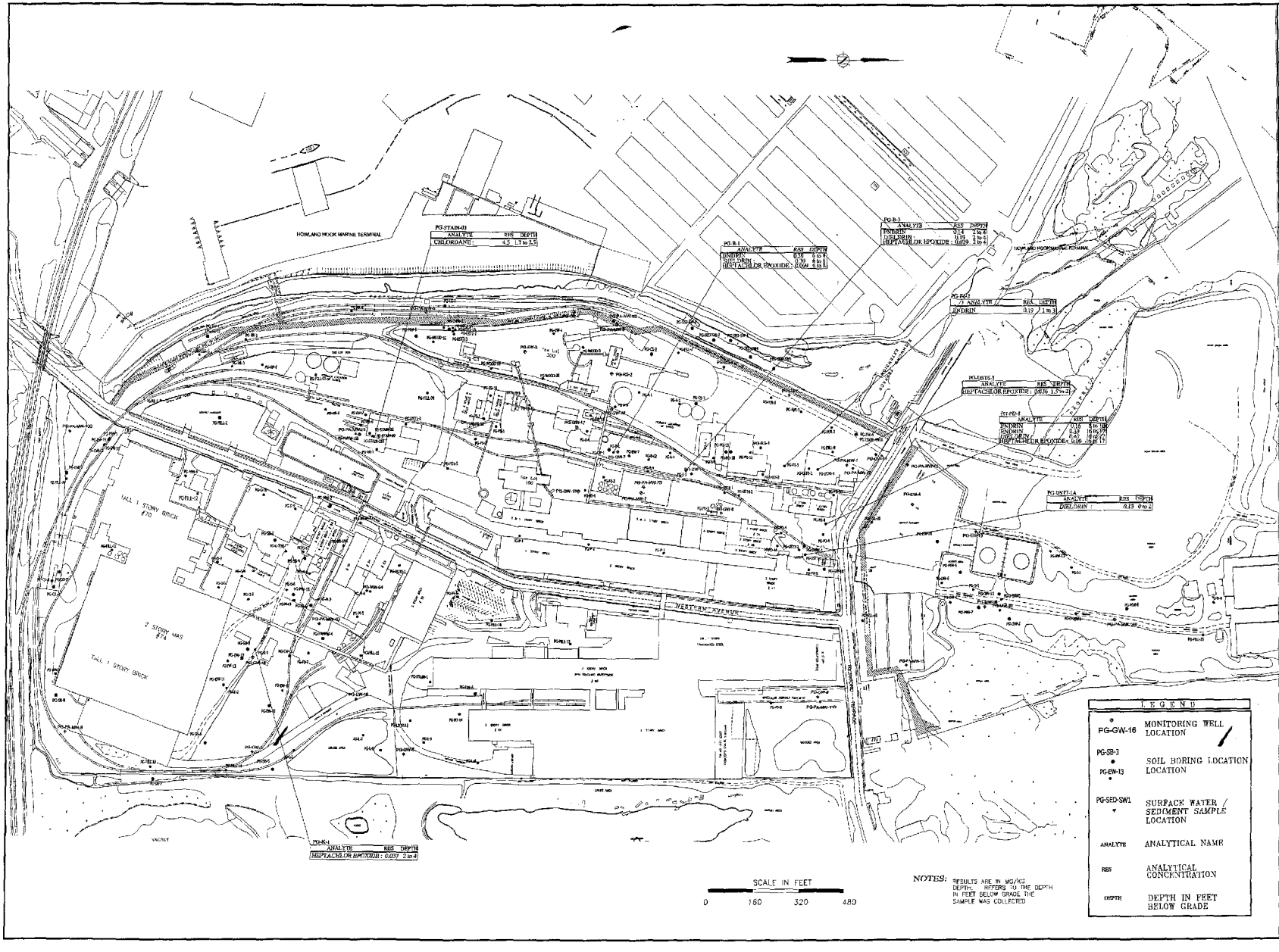
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Figure 9

DISTRIBUTION OF PESTICIDES IN SOIL

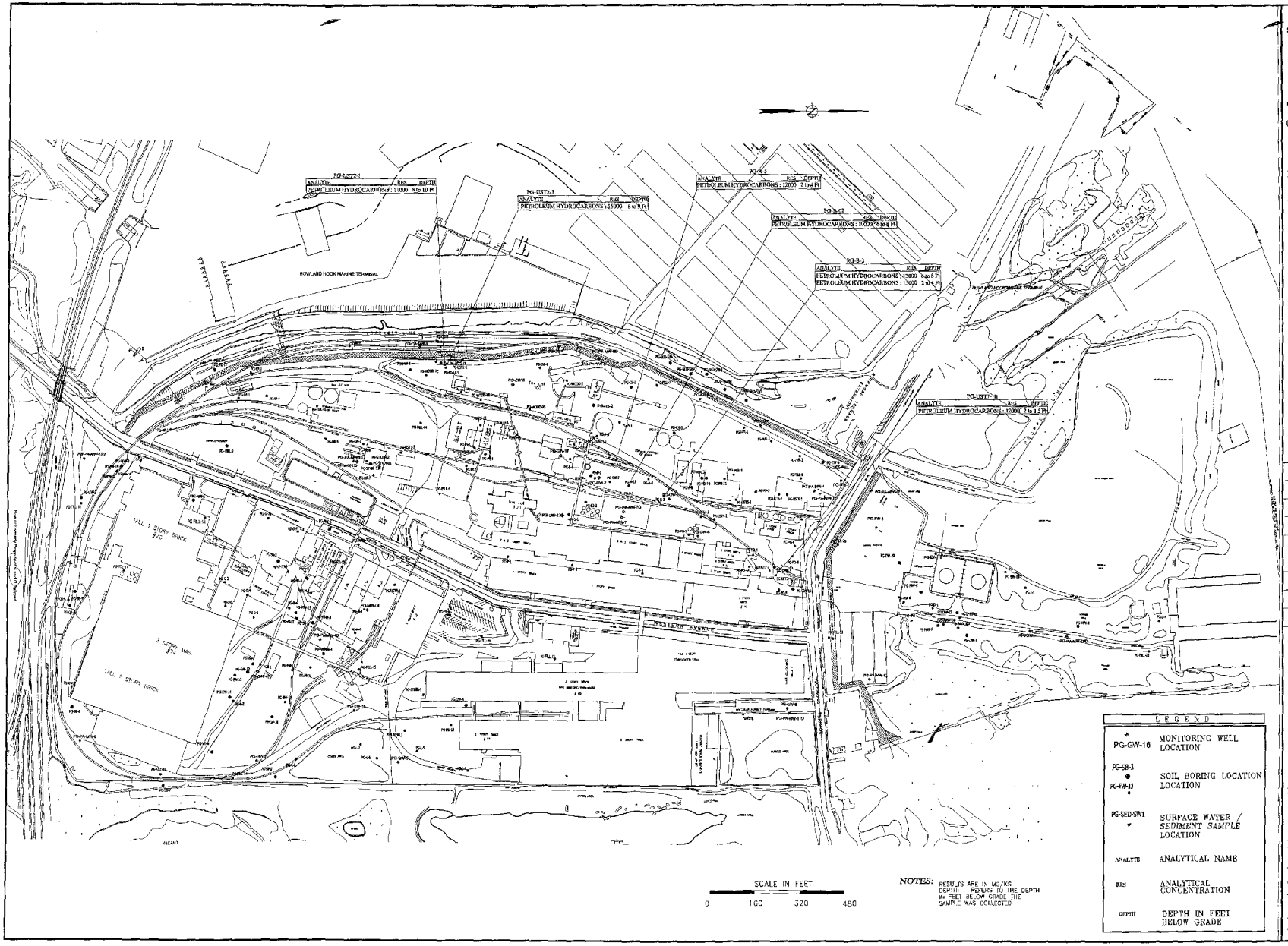
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Figure 10

DISTRIBUTION OF TOTAL PETROLEUM HYDROCARBONS (TPHC) IN SOIL

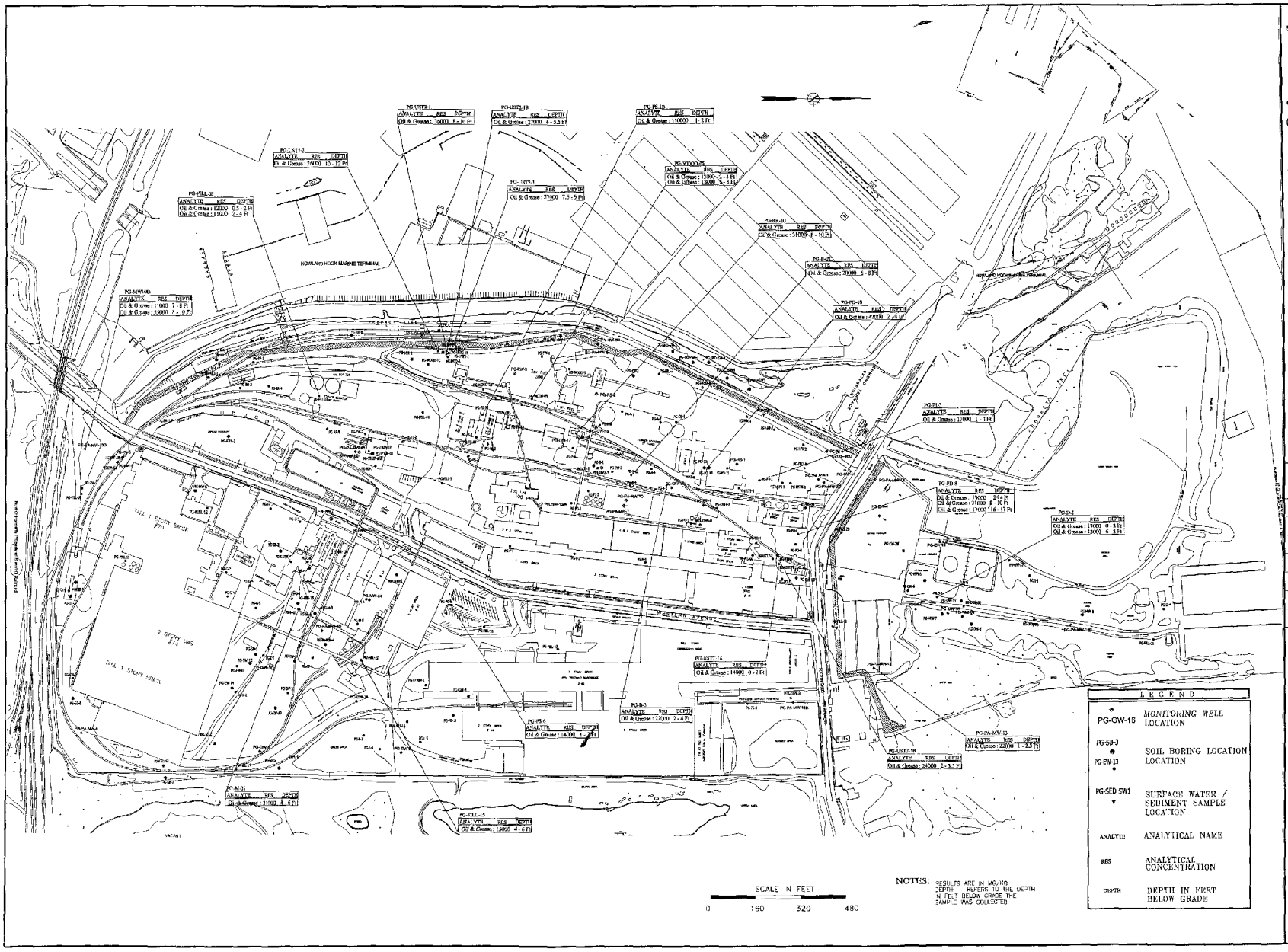
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Figure 11

DISTRIBUTION OF OIL AND GREASE IN SOIL

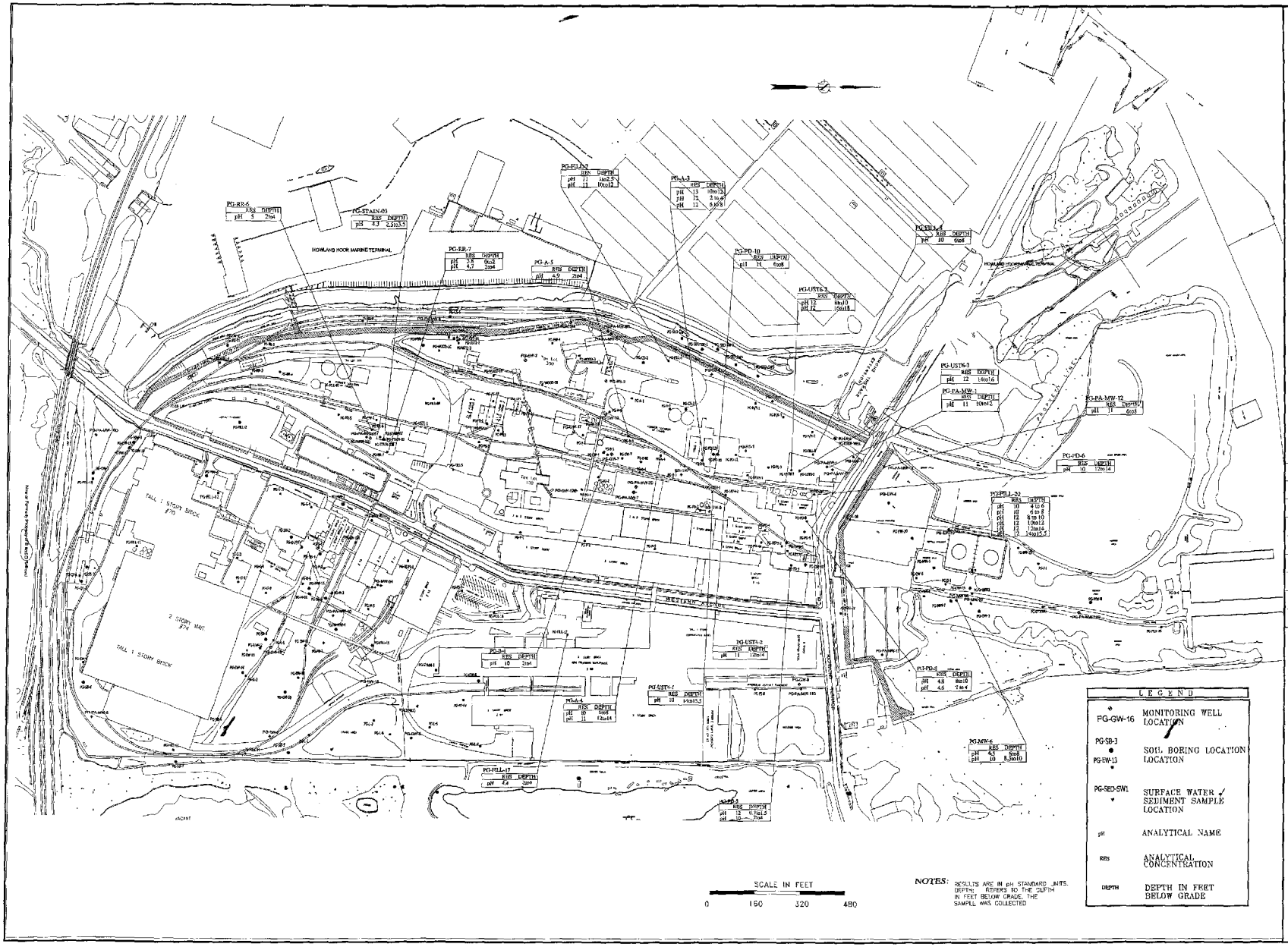
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Figure 12

DISTRIBUTION OF pH IN SOIL

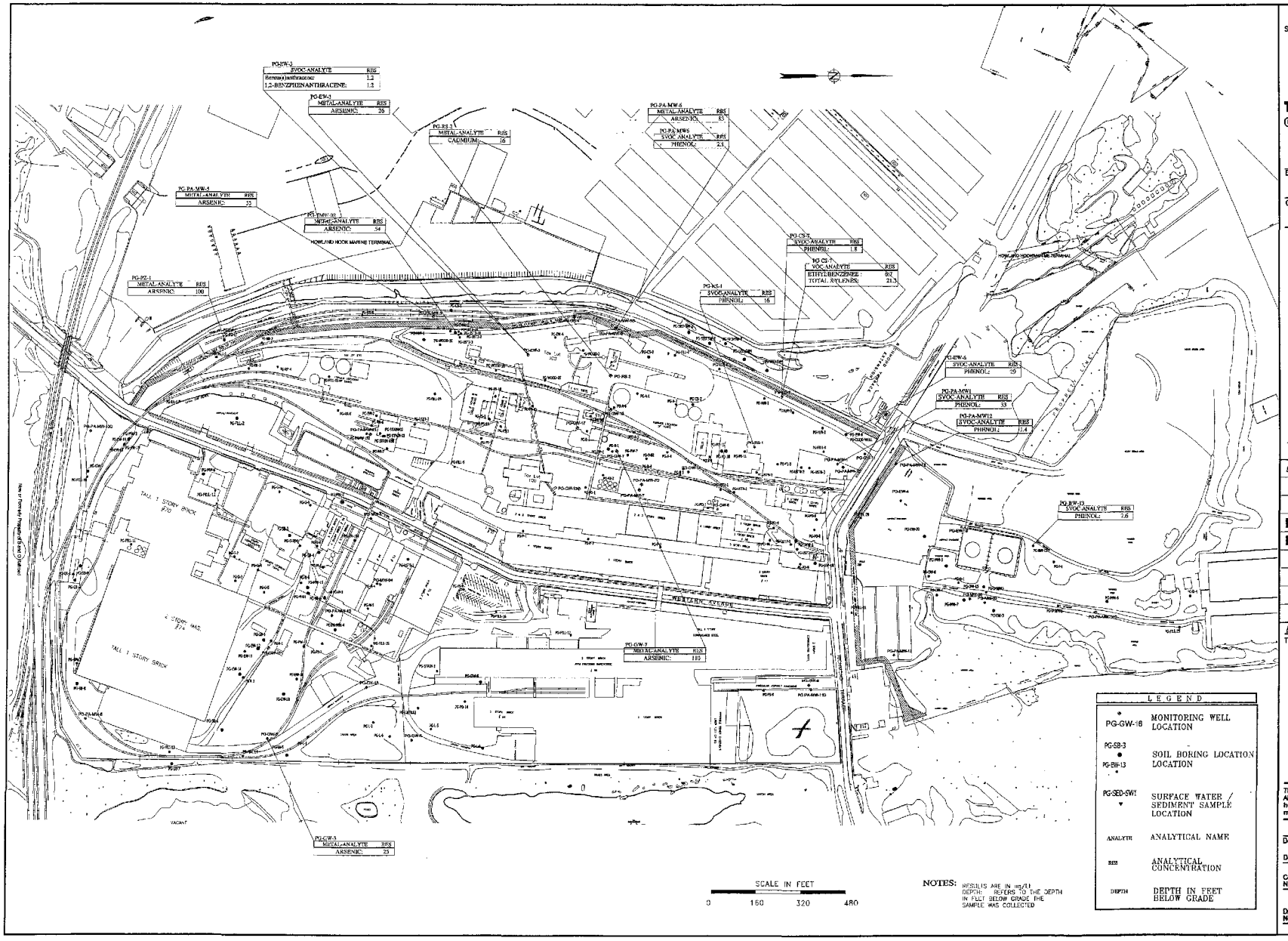
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Figure 13

DISTRIBUTION OF METALS, VOC'S AND SVOC'S IN GROUNDWATER

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Drawing Number EV-9

Appendix B

Table 1
Summary of Site Buildings
Port Ivory Site
Staten Island, New York

Building Identification	Reported Information	Observations/Comments
Building #1/ Woodburning Boiler	This seven-story building, encompassing 50,337 square feet, was built in 1983 in response to rising oil prices. Building #1 houses a wood burning boiler and associated wood storage hopper. The boiler (south end) and storage hopper (north end) comprise the majority of the building area. The boiler is suspended from the ceiling structure to allow for the expansion and contraction of the interior steam tubes. Former storage areas for parts, materials and equipment utilized in the operation of the boiler are located on the first and second floor of the structure. Wood is reported to have been processed in a building (Building #1A) located to the northwest of Building #1 and stored in an area to the south of Building #1B. Wood is reported to have been supplied to Building #1 via a conveyor belt system. The conveyor belt initiated at the wood storage area located to the southwest of Building #1B and entered Building #1 at the northwestern corner of the seventh floor.	The building is constructed with a concrete floor and sheet metal walls and ceiling. Parts and equipment utilized in the operation of the boiler unit were stored in this building at the time of the assessment and investigation activities.
Building #1A/ Wood Process	This three-story building, encompassing 4,332 square feet, was built in 1983 in conjunction with the facility's former wood fueling system. Operations formerly conducted in this building consisted of the crushing and pulverizing of wood into wood chips. Wood is reported to have been delivered to the site and unloaded into a hopper and conveyor belt system located to the north of this building. The conveyor belt entered the building on the third floor and directed wood products into the crushing/pulverizing machine located in this building. Processed wood was loaded onto a second conveyor system which exited through the southern wall of the building. The processed wood was stored in an area to the south of the building until needed in the boiler unit.	Inspection of this building noted same to be constructed with concrete floors and sheet metal walls and ceilings.

Table 1
Summary of Site Buildings
Port Ivory Site
Staten Island, New York

Building Identification	Reported Information	Observations/Comments
Building #1B/ Wood Reclaim	This one-story building, encompassing 1,070 square feet, was built in 1983 in conjunction with the operation of the facility's former operation of a wood fueling system. Wood chips are reported to have been transferred to a blow pipe system located within this building. The wood chips were loaded into the building through a doorway along the western side of the building. The building is reported to have housed a "blower" system which was used to transfer wood chips, via a 14" diameter pipe, to Building #1 (i.e., the Wood Burning Boiler). According to P&G, the "blow pipe" system of moving the wood chips was replaced with the previously described conveyor belt system associated with Building #1.	Inspection of the building noted same to be constructed with a concrete floor, a combination of concrete and metal walls and a metal deck ceiling. An electric room was accessed via the eastern exterior of the building. The electric room was noted to house several pad mounted switch boxes and breaker panels.
Building #5/ Railroad Scale House	This one-story building was built in 1957 and occupies 132 square feet. This building is reported to have housed the equipment utilized in the operation of a railroad scale. The scale is reported to have been located underneath the railroad siding situated east of the scale house. According to a representative of P&G, the scale is electronic and is enclosed in a pit constructed with concrete base and walls.	The building was noted to be constructed with brick walls, a concrete ceiling and a vinyl floor with 12"x 12" tiles.
Building #12/ Machine Shop	Building #12 is a two-story building which occupies 15,128 square feet and was built in 1918. According to P&G, this building was utilized as the "central" machine shop for the facility, contained typical equipment for a machine shop (i.e., grinders, lathers, saws, presses, etc.) and was used (2^{nd} floor) for the storage of parts, equipment, and machinery.	The first floor and the eastern portion of the second floor are constructed with a concrete floor, brick walls and a concrete ceiling. The western portion of the second floor (i.e., the Locker Room) is constructed with a ceramic tile floor, a combination of sheet rock and ceramic tile floors and a drop panel (2' x 2' tile) ceiling. Overhead loading dock doors providing access to the exterior are located along the northern and western walls of Building #13.
Building #13/ Engineering	This two-story 6,040 square foot building was built in 1916 to have been used solely for office/administrative purposes including, in particular, housing the Engineering Department.	The building is constructed with a combination of ceramic tile/linoleum or concrete flooring, sheet rock walls and a drop (2' x 2' tile) panel ceiling. An Electric Room is located on the second floor of this building. Inspection of this room noted the presence of several wall-mounted transformer units and electrical panels. This room was constructed with a 9"x 9" vinyl tile floor. Two office trailers, formerly utilized for additional office space, were noted to be situated in the area located immediately north of Building #13.

Table 1
Summary of Site Buildings
Port Ivory Site
Staten Island, New York

Building Identification	Reported Information	Observations/Comments
Building #S-16/ Bar Soap Shop	This one-story 2,700 square foot building was built in 1977 and was utilized as a machine shop for the bar soap process.	This building is constructed with a concrete floor and sheet metal walls and ceilings. Several floor drains, including a floor drain set in a concrete diked area are located within this building. According to a representative of P&G, these floor drains, as well as the remainder of the floor drains located in the facility, are either connected to the sanitary sewer system, or in the case of drains that collect liquids from process operations, are connected back into the process. No septic systems or dry wells are reported to be present at the subject site. Visual inspection of the underlying concrete flooring noted the integrity of same to be intact.
Building #17/ Offices @STU Shop	This two-story 13,362 square foot building was built in 1930 and was utilized as a machine shop (first floor) and administrative offices (second floor) for the manufactured soap granules process.	The first floor of this building is constructed with a concrete floor, brick walls and a concrete ceiling. A single overhead door is located along the southern wall of the facility and provides access to the southern exterior of the building. Visual inspection of the underlying concrete flooring noted minor staining. However, the floor appeared to be intact and free of breaches in its integrity. Two floor drains are located on the first floor of this building. Refer to Building #16 information for comments on facility floor drains.
Building #19/ Fire Pump House	This one-story 252 square foot building was built in 1962, and was utilized to house pumps associated with the facility's fire suppression system. Fire suppression water is maintained in a 2.5 million gallon reservoir located immediately adjacent to (east of) this building. This building is reported to be connected, via underground piping, to a second water reservoir and pump house (i.e., Building #30). According to P&G, no chemicals were added to the fire suppression system. The 2.5 million gallon water storage reservoir is reported to be filled on an as-needed basis through pipe connections to the City of New York water supply system.	Building #19 is constructed with concrete floor and walls and a metal deck ceiling. Inspection of this building noted the presence of an oil-fired (diesel) generator. Staining was noted along the underside of the generator and the underlying concrete floor. Inspection of the underlying concrete floor noted same to be intact and free of breaches in its integrity. Based on the construction of the building and the fact that the floor is set at a lower elevation than the doorway, it is unlikely that discharges, if any, from the generator could migrate to the exterior area surrounding this building. Diesel fuel utilized in the operation of the generator unit is stored in a 500-gallon AST located along the southern exterior of the building. The AST is situated inside of a containment dike constructed with a concrete floor and masonry walls. Visual inspection of the containment dike did not reveal the presence of any indications that a discharge has occurred within same.

Table 1
Summary of Site Buildings
Port Ivory Site
Staten Island, New York

Building Identification	Reported Information	Observations/Comments
Building #20/ Locomotive House	This one-story 3,4000 square foot building was built in 1913 and was used as a maintenance garage for the facility's railroad locomotives.	Building #20 is constructed with a combination concrete and bare soil flooring, brick walls and a concrete ceiling. The building is divided into three bays with overhead doors along the southern wall of the building providing access to the railroad sidings at the exterior. Inspection of the soil floor in the eastern and western bays noted the presence of staining in several areas. A subsurface maintenance pit constructed of concrete is located in the central bay of this building. At the time of the assessment and investigation activities, snow removal equipment, an air compressor, hoses and parts as well as several small containers (i.e., five-gallons or less) of various lubricants, oils and other petroleum products were noted to be present in this building. Concrete pads are located along the western and northern sides of this building. A non-paved, gravel covered area measuring approximately 50 feet by 100 feet was noted on the eastern side of Building #20. No staining was noted on the gravel surface.
Thirty Series Buildings		
Building #30/Fresh Water Pump House	This one-story, 740 square foot structure was built in 1915 and formerly functioned as one of the two, on-site pump houses associated with the facility fire suppression system. The building is located immediately to the north of a concrete lined water reservoir with a reported capacity of approximately 50,000-gallons. This pump house is reported to be connected, via underground piping, to the main pump house, Building #19.	Building #30 is constructed with a concrete floor, a combination of concrete and brick walls and a concrete ceiling. The building is divided into two levels, separated by a metal grate floor/ceiling. Metal steps provide access to the lower level of Building #30. Visual inspection of the building noted the presence of a diesel oil-fired generator and two large pump units. Diesel oil associated with the generator unit is stored in a 1,000-gallon (approximate) AST suspended underneath the metal grate floor. The fill and vent pipe system associated with the AST extends through the eastern wall of the building. Staining was noted on the generator unit as well as on the underlying concrete pad. However, staining was noted to be limited to the concrete pad.
Building #31	This one-story, 9,000 square foot building was constructed in 1909 and was utilized for storage.	The building was constructed with a concrete floor, brick walls and wood ceilings. Due to potential safety concerns, no access to this building was provided to Killam. This building, as well as Building #33 and #33A did not have a roof.

Table 1
Summary of Site Buildings
Port Ivory Site
Staten Island, New York

Building Identification	Reported Information	Observations/Comments
Building #31A/ Glycerine House	This two-story building occupies 8,000 square feet and was constructed in 1909. According to a representative of P&G, this building was utilized as a storage area for equipment and parts associated with the boiler house. The first floor of the building was used for miscellaneous storage and the second floor of the building was utilized for office space.	Building #31A is constructed with a concrete floor, brick walls and a wooden roof. A fenced-in storage area is located along the exterior of the western wall of Building #31A. The storage area is underlain with concrete and separated into storage areas via masonry walls. Based on the signage on the fencing, this area was formerly utilized to store (empty and full) pressurized gas cylinders (i.e., acetylene, oxygen, etc.). A pad-mounted compactor is located along the exterior of the southwestern corner of this building. Inspection of same proved unremarkable.
Building #32/ Boiler House	This two level (one floor and a basement), 29,860 square foot building was built in 1909 and was utilized to house two boiler units (i.e., natural gas and diesel oil) as well as the main and two secondary generator units. The generators are reported to be powered by steam manufactured during the operation of the boiler units. According to P&G, the two boiler units were removed from the northern portion of this building (the floor cut-out was noted at the time of the inspection). Natural gas is reported to be provided by Con-Edison. Diesel fuel is reported to have been stored in an UST formerly located along the eastern exterior of the building.	Building #32 is constructed with a concrete floor, brick walls and a metal deck ceiling. Reportedly, the cut-outs present in the flooring/ceiling were to allow for equipment clearance. The main electric room for the facility is situated in Building #32. This room is constructed with a concrete floor, a combination of concrete and brick walls and a metal deck ceiling. Inspection of this room noted the presence of several pad-mounted switch and breaker box units. Four 55-gallon drums of Sunoco TH Fluid were noted to be stored along the eastern wall of the electric room. The main generator (7500 kva) and two secondary generators (1500 kva) are located in Building #32. These generators are seated on the concrete floor in the basement and protrude through to the first floor via the floor cut-outs.
Building #32A/ Boiler House	This two level (one floor and a basement), 3,200 square foot building was built in 1909 and was utilized to house a diesel oil-fired generator unit used on weekends and during maintenance of the boilers located in Building #32. Diesel fuel is reported to have been stored in an UST formerly located along the eastern exterior of the building.	Inspection of the building noted similar construction to Building #32. Some staining was noted on the concrete flooring. However, the flooring was noted to be intact. A 3,000-gallon AST (approximate) is located in the northwestern corner of the basement of this building. The AST is reported to be associated with a cooling tower located on the roof of this building.
Building #33/ Kettle House #1	This three-story, 54,000 square foot building was built in 1909 and was utilized in soap manufacturing. Specifically, a large kettle utilized in the melting of soap was located in this building. The kettle was heated via steam generated in the Boiler House (i.e., Buildings #32 and #32A). The kettle was described as a large tank that extended to the second floor of the building. The upper floors were utilized for storage purposes as well as to monitor the kettle operations.	Due to potential safety concerns, Killam was not provided access to this building. This building as well as Buildings #31 and #33A did not have a roof. The building was noted to be constructed with a concrete floor, brick walls and wood ceilings.

Table 1
Summary of Site Buildings
Port Ivory Site
Staten Island, New York

Building Identification	Reported Information	Observations/Comments
Building #33A/ Comet Making (Kettle House #3)	This three-story, 20,100 square foot building was built in 1909 and was utilized for activities associated with soap and Comet cleanser manufacturing. A large kettle utilized in the melting of soap and the manufacture of Comet cleanser was formerly located in this building. The kettle was heated via steam generated in the Boiler House (i.e., Buildings #32 and #32A). The kettle was described as a large tank that extended to the second floor of the building. The upper floors were utilized for storage purposes as well as to monitor the kettle operations.	Killam was not provided access to this building. This building as well as Building #31 and #33 did not have a roof. The building was noted to be constructed with a concrete floor, brick walls and wood ceilings.
Building #34/ Comet Warehouse	Building #34, a one-story 8,568 square foot structure, was built in 1929 and was utilized for the storage of cardboard packaging for Comet cleanser.	Inspection of this building noted same to be constructed with concrete floors, brick walls and a wood ceiling.
Building #35/ Comet Packing	This three-story (two floors and a basement) 25,336 square foot structure was built in 1909 and was utilized for packaging activities for Comet cleanser. A bridge, located in the southeastern corner of the second floor, connects this building to Building #42C. This bridge was utilized to transfer manufactured liquids stored in this building (manufactured in Building #38) to the packaging facility located in Building #42C. An elevated area located in the southwestern corner of the second floor is reported to have been utilized for the storage of packaging materials as well as spare parts for the packaging machinery.	Visual inspection of this building noted same to be constructed with a combination of concrete and wooden floors, brick and masonry walls and wooden ceilings.
Building #S-35/ North Gate House	This one-story 336 square foot building was constructed in 1930 and was utilized as a Guard House (security station).	Visual reconnaissance of the building noted the northern portion to be utilized as a Guard House and the southern portion to be utilized to house electrical equipment (i.e., transformers, switch boxes, breaker boxes, etc.)
Building #36/ Comet Warehouse	This five-story (plus partial basement) 26, 390 square foot building was built in 1923 and was utilized to warehouse packaging materials associated with the Comet cleanser line. According to P&G, a conveyor system in a tunnel in the the basement was utilized to transport finished Comet product to Building #43A.	Visual inspection of this building noted that all five floors were constructed with wooden floors, brick walls and wooden ceilings.
Building #38/Liquids Making (HSC)	This two-story 2,992 square foot building was built in 1927 and was utilized for the manufacturing of Solo liquid detergent. The manufacturing process is reported to have consisted of blending operations. Mixing vats are reported to have been situated on the first floor of the building and to have protruded, through "cut-outs", to the second floor of the building.	This building is constructed with wooden floors, brick walls and a wooden ceiling. Inspection of the building noted two circular "cut-outs" in the second floor. These "cut-outs" appear to denote the locations of the former blending vats.

Table 1
Summary of Site Buildings
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Staten Island, New York

Building Identification	Reported Information	Observations/Comments
Forty Series Buildings		
Building #40/ Cafeteria	Building #40 is a three-story (i.e., two floor plus a basement) 25,608 square foot structure constructed in 1916 and utilized for cafeteria activities, office/administrative tasks and for employee training activities (i.e., classrooms/ demonstration rooms).	The building is constructed with a ceramic tile floor (some portions), concrete walls and wooden ceilings. A sump pump system and a gas-fired heating unit were noted in the basement. The sump system is reported to discharge, via aboveground piping and hoses, to the southeastern exterior of the building and eventually, Western Avenue.
Building #41/Offices	This two-story 21,500 square foot building was constructed in 1907 and was utilized for office/administrative purposes as well as locker rooms (northeastern corner of the first floor).	The building is constructed with carpeted and linoleum floors, sheet rock walls, and drop panel ceilings. A HVAC room with a single HVAC unit and transformer is located on the second floor of Building #41.
Building S-41/ Natural Gas Meter House	This one-story 588 square foot structure was built in 1955 and formerly housed components of the natural gas entry system. The system was shut down and replaced by new connections from the street into the individual buildings.	Inspection of this structure noted same to be constructed of concrete (i.e., floor, walls and ceiling). The structure is divided into two rooms (north and south) which contain the natural gas piping, valves and meters.
Building S-42/ Transformer Shelter	This one-story 315 square foot structure was built in 1927 and houses the main electrical switches and breaker boxes.	This building is constructed with a concrete floor, brick walls and a concrete ceiling. At the time of the May 2000 site reconnaissance, this structure contained six breaker boxes, several switch boxes and several back-up batteries. A concrete dike system is located along the southern exterior of Building #42. This dike contains five exterior transformer units. No staining was noted on the units or the concrete base of the containment dike.
Building #42A/ Bar Soap Storage	This four-story 63, 200 square foot structure was built in 1918 and was utilized for the manufacture and packaging, including the storage of packaging materials, of Coast Soap.	Building #42 was noted to be constructed with a combination of tile, wood and concrete floors, masonry and brick walls and wood and/or concrete ceilings. Two circular "cut-outs" in the ceiling of the first floor of Building #42A denote the locations of two former ASTs or circular storage vessels. The tanks are reported to have been utilized to store scrap soap which was collected for re-use. A floor drain was noted in the southwestern corner of the first floor of Building #42A. According to P&G, all interior drains were/are connected into the sanitary sewer system or, in the case of drains that collected materials from process operations, connected to process systems.

Table 1
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Building Identification	Reported Information	Observations/Comments
Building #42B/Bar Soap Processing/Packaging	This three-story 81,300 square foot structure was built in 1908 and was utilized for the processing and packaging of finished bars of Ivory Soap and a machine shop for packaging equipment. A "dry house" was located on the eastern side of this floor. The "dry house" consisted of a conveyor belt system that traversed through a heat enclosure. After exiting the "dry house", the bars were cut, stamped and packaged.	Inspection of this building noted same to be constructed with concrete floors, masonry walls and wooden ceilings. A machine shop, utilized to maintain the packaging machines located in Buildings #42A, #42B and #42C was formerly located along the eastern side of the first floor of this building. The northern side of this building is open to the second story and formerly housed a large storage tank which contained liquid Ivory soap. The liquid soap was transferred to this location from the Hydrolizer Building which was formerly located to the north of Building #16; the Hydrolizer was demolished prior to the May 2000 site reconnaissance. The liquid soap was then pumped from this AST to the third floor of the building for drying, shaping, cutting and packaging. Several floor drains were noted on the third floor of this building. These drains were utilized to collect water from the plotter stamps which transferred the "Ivory" stamp onto the soap bars. This representative added that water collected via these drains was re-blended and recycled.
Building #42C/ Liquids/Solo Packing and Storage	This three-story 81,300 square foot structure was built in 1908 and was utilized for the storage of cardboard packaging for the finished soap products and for packaging activities for Mr. Clean products.	The building is constructed with concrete floors, a combination of masonry and brick walls and wooden ceilings. An electrical room containing a transformer unit and other wall-mounted electrical panels is located in this building. Inspection of the third floor of this building noted the presence of several square pads surrounded by trench drain systems. According to P&G, machinery associated with the packaging of Mr. Clean cleaning solution was formerly located on these pads. The trench drain systems were utilized to collect any spilled cleaning solution and transfer same back into the process.
Building #43/ LSP Granules	This three-story 37,380 square foot structure was built in 1927 and was utilized for the packaging of synthetic granule type soaps and detergents (i.e., Ivory Snow and Ivory Flakes). Soap granules were separated based on their size and then placed into the buggies which dumped same, through floor openings in the northern portion of this building, into hoppers located on the second floor. The various sized granules were blended together to prepare Ivory Snow and Ivory Flakes.	Inspection of this building noted same to be constructed with a concrete floor, masonry walls and combination of steel and wood ceilings. Inspection of the first floor of Building #43 noted the presence of a concrete pad along the northern wall of the building and a trench drain situated on the southern side of the pad. Further, the entrance/exit of a subsurface tunnel was noted in the northern portion of the building. According to a representative of P&G, the tunnel formerly housed a conveyor belt system which was utilized to transfer raw product from the "forty series" buildings to Building #43 for packaging.
Building #43A/ LSP Granules	This three-story 55,296 square foot structure was built in 1927 and was utilized for the packaging of synthetic granule type soaps and detergents (i.e., Ivory Snow and Ivory Flakes).	Inspection of this building noted same to be constructed with a concrete floor, masonry walls and combination of steel and wood ceilings.

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Building Identification	Reported Information	Observations/Comments
Building #44/ LSP Granules	This four-story 24,176 square foot structure was built in 1912 and was utilized for the packaging of synthetic granule type soaps and detergents.	Inspection of this building noted same to be constructed with a combination concrete and ceramic tile floor, masonry walls and concrete ceilings.
Building #45/Main Gate Guard House	Building #45, a one-story 344 square foot structure, is utilized as a security house for the main gate of the facility. The structure was built in 1982.	Inspection of this building noted same to be constructed with non-slip floor tiles over concrete, a combination of masonry and glass walls and a drop panel ceiling (2' x 2' tiles).
Building #46/ Sewage Pump Station	This structure was built in 1970. Although given a building designation, the Sewerage Pump Station is a covered concrete pit. The structure was never occupied by employees. The pump station is utilized to house the piping, pumps and valves associated with the transfer of sanitary sewage from the facility and to the New York City sanitary sewer system.	The facility's sanitary sewage holding and pre-treatment system is located immediately west of Building #46. Sanitary flow from the facility, via gravity flow, is directed to two concrete pits. From these pits, the sanitary wastes are pumped into two 71,000-gallon holding tanks which are located within a concrete dike. Pretreatment of the wastes by P&G is reported to consist of pH adjustment and correction via the addition of either sulfuric acid or sodium hydroxide. These materials were noted to be stored in three 250-gallon plastic tote-type storage tanks (one for sulfuric acid and two for sodium hydroxide). The tote-type tanks are located over a sloped concrete pad which leads into the diked area. After pre-treatment, the wastes are pumped to the New York City sanitary sewer system via the piping located within Building #46. According to a representative of P&G, Building #46 contains a mechanically actuated valve system which detects pH and closes the system in the event of a problem.
Building #300/ Water Treatment	This two-story 3,268 square foot structure (one floor and a basement) wasconstructed in 1929. Operations in this building are reported to have consisted of the treatment of water utilized in process operations.	This building is constructed with a concrete floor, brick walls and a metal deck ceiling. Equipment utilized in the water treatment operations was noted to be present in this building. Two ASTs, located in a concrete containment area along the southern exterior wall of this building, and a third AST, situated on a concrete pad along the southwestern corner of the building, were also noted to be present. The two tanks, located within the containment area are reported to contain acid and caustic utilized in the water treatment process. The third AST is reported to be utilized to store treated "neutralized" water. A sump is located within the concrete containment berm associated with the two exterior tanks. Several floor and trench drains were noted around the water treatment equipment. These drains are reported to transfer collected liquids to the sanitary sewer system.

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Building Identification	Reported Information	Observations/Comments
Fifty Series Buildings		
Building #52/ Finished Products	This three-story 96,948 square foot building was constructed in 1926. Former operations in this building are reported to have consisted of the packaging of manufactured food oils (i.e., Crisco) and the storage of packaging materials.	The building was noted to be constructed of concrete floors, walls and ceilings. Inspection of the first floor of the facility noted overhead loading dock doors along the northern, eastern and southern sides of same. A conveyor system located in this building was formerly utilized to transfer finished and packaged products from this building to Buildings #74 and #75.
Building #53/ Food Office/Locker Room	This two-story 9,700 square foot structure was built in 1926 and was formerly utilized as a locker room/break room for P&G employees (first floor) and as an office/administrative area for an outside company, Everything Yogurt. Prior to use by Everything Yogurt, the office/administrative area was utilized by P&G.	Inspection of the first floor of the facility noted ceramic tile floors, brick walls and a drop panel ceiling (2' x 4' tiles). The first floor was noted to contain a large shower/bathroom facility. The second floor of Building #53 was constructed with linoleum floors, sheet rock walls and a drop panel ceiling (2 'x 4' tiles).
Building #S-53/ Temporary Storage	This one-story 2,100 square foot building was built in 1926 and was utilized for storage of miscellaneous parts and equipment. No petroleum products or hazardous materials are reported to have been stored in this building.	Inspection of this building noted same to be constructed with a concrete floor and sheet metal walls and ceiling. Staining was noted on the concrete floor. However, the flooring was noted to be intact.
Building #54/ Deodorizer	This two-story 9,216 square foot structure was built in 1926 and was utilized in deodorizing operations for food oils. It should be noted that at the time of the May 2000 site reconnaissance, the building had only one floor. The building appeared to have undergone some demolition activities which removed the second floor of same.	The building was constructed with a concrete floor, brick walls and a concrete ceiling. Inspection of this building noted that the eastern wall of same had been removed. As such, the building was open to the outside environment. The concrete floor appeared to extend beyond the limit of the former eastern wall. It was not possible to determine if the concrete extension represented an additional structure or a storage or loading area. Visual reconnaissance of the building noted several concrete foundations, discolored areas and drains indicating the former presence of tanks, equipment, machinery, etc. However, no visual indications of discharges to exterior surfaces were observed.
Building #55/ Hardening	This two-story 17,444 square foot structure was built in 1926 and was utilized for oil hardening processes associated with the formulation of food oils.	The building was noted to be constructed with concrete floors, brick walls and concrete ceilings. Inspection of the northern portion of the first floor noted the presence of two tank foundations. In addition several tank foundations and cradles (supports) were noted in the eastern portion of the first floor. Several floor drains were noted to be present throughout the facility. According to P&G, all interior drains were/are connected to the sanitary sewer system or, in the case of drains that collected materials from process operations, connected to process collection systems. A concrete loading dock is located along the eastern exterior of this building.

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Summary of Site Buildings
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Building Identification	Reported Information	Observations/Comments
Building #56/ Oil Refinery	This three-story 24,456 square foot structure was built in 1926. Operations in this building consisted of the refining of various types of oils to formulate consumer food quality oils.	Building #56 is constructed with concrete floors and ceilings and brick walls. Inspection of the first floor noted the presence of approximately nine, fifteen foot diameter, former tank locations/pads. These locations were noted to be filled with sand. In addition, supports for other various machinery and equipment was noted in this area. Inspection of the second floor of the facility noted four additional sand filled former tank location and machine supports. Inspection of the third floor of Building #56 noted openings in the underlying concrete floor which correspond to the locations of the former tanks located on the second floor.
Sixty Series Buildings		
Building #60/ Warehouse Building	This two-story 98,000 square foot structure (plus basement) was built in 1916 and was utilized for the warehousing and distribution of a variety of products.	Inspection of this building noted same to be constructed with a combination of concrete, wood and ceramic (bathrooms only) floors, brick and masonry walls and wooden ceilings. Several overhead loading dock doors located along the western wall provide access to the exterior loading/unloading areas. The northern portion of Building #60 is currently utilized by RPM Trucking for warehouse purposes. Cocoa beans, coffee and miscellaneous equipment were noted to be stored at the time of the site inspection. RPM Trucking also performs tasks associated with the rehabilitation of pallets. This tenant also occupies Buildings #67N, #67S and #80. Two large openings in the northern portion of the building floor were observed. These openings are to allow for the hoisting/lowering of products between the first and second floors of this building. Doorways were noted along the eastern and western walls of the second floor of Building #60. The eastern doorway provides access to a bridge which connects Building #60 to Building #66. The western doorway provides access to a bridge which connects Building #60 to the "forty series" buildings located on the western side of Western Avenue. These bridges were reportedly utilized for the transfer of finished products.
Building #60A/ Warehouse Building	This two-story 60,00 square foot structure was built in 1925 and was utilized for the warehousing and distribution of products.	This building is constructed with a combination of concrete and wood floors, brick walls and wooden ceilings. Inspection of the second floor of Building #60A noted a doorway along the eastern wall of same. This doorway provides access to a bridge which connects Building #60A to Building #64. This bridge was utilized for the transfer of finished products.

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Building Identification	Reported Information	Observations/Comments
Building #60B/ Warehouse Building	This two-story 24,600 square foot structure (plus basement) was built in 1926 and was utilized for the warehousing and distribution of products.	This building is constructed with a combination of concrete and brick walls, concrete and wooden floors, and wooden ceilings. Several overhead loading dock doors are located along the western wall of the first floor of this building. These doors provide access to exterior loading/unloading areas
Building #64/ Warehouse Building	This two-story 59,200 square foot structure (plus basement) was built in 1934 and was utilized for the warehousing and distribution of products.	This building is constructed with concrete floors, brick walls and wooden ceilings. Inspection of the first floor of this building noted a former battery charging area which included raised concrete platforms and an overhead three ton crane. The crane was utilized to move the batteries around the charging area. Inspection of the concrete noted same to be stained and pitted in several areas. However, the pitting did not appear to be sufficient to compromise the integrity of the concrete flooring.
Building #65/ Warehouse Building	This two-story 36,000 square foot structure was built in 1934 and was utilized for the warehousing and distribution of products.	This building is constructed with concrete floors, brick walls and wooden ceilings. A large opening in the floor, formerly utilized for the lifting of equipment and materials between floors, is located in the central portion of the second floor
Building #66/ Warehouse Building	This two-story 40,000 square foot structure was built in 1934 and is reported to have been utilized for the warehousing of products.	This building is constructed with concrete floors, brick walls and wooden ceilings.
Building #67N/ Warehouse Building	This one-story 56,420 square foot structure was built in 1958 and is reported to have been utilized for warehousing or products.	This building is constructed with concrete floors, a combination of masonry and brick walls and metal deck ceilings. The building is currently occupied by RPM Trucking which utilizes same for the warehousing and distribution of cocoa beans, coffee beans and cases of marinated mushrooms. This building is not reported to be heated.
Building #67S/ Warehouse Building	This one-story 43,440 square foot structure was built in 1958 and was utilized for the warehousing of products.	This building is constructed with concrete floors, a combination of masonry and brick walls and metal deck ceilings. Eight overhead loading dock doors, which supply access to the exterior concrete loading dock area, are located along the southern exterior wall of this building. This building is currently occupied by RPM Trucking and includes a bulking station consisting of a metal frame hopper and concrete scale. Beans, stored in the hopper, are reported to be removed from the hopper, bagged and weighed. The scale is electronic and is situated directly on the underlying concrete floor. No pit is associated with the scale.
Seventy Series Buildings		
Building #70/ Citrus Office	Building #70 is a one- story 8,000 square foot structure built in 1959 and utilized for office/administration activities for Citrus Hill and Duncan Hines Bake Mix (DHBM) Division.	Inspection of this building was impeded by lack of lighting. The building appeared to be constructed with concrete floors, masonry walls and a concrete ceiling. Floor drains in the bathroom, locker room and shower areas are reported to be connected to the sanitary sewer system.

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Building Identification	Reported Information	Observations/Comments
Building #70A/ DHBM Making	This one-story 1,220 square foot structure was built in approximately 1959 and was utilized for the blending and mixing the various dry ingredients used in the formulation of Duncan Hines Bake Mixes. The dry ingredients (i.e., sugar, flour, etc.) are reported to have been transferred to the building via a rail siding located along the southern side of this building. The ingredients were "blown" into the building and placed into large mixing vats.	This building is constructed with concrete floors, masonry walls and concrete ceilings. The building contains a mezzanine level which is reported to have been utilized to fill and monitor the blending vats. Several sealed overhead doorways were noted along the northern wall of this building. These doorways were formerly utilized to transfer the blended cake mixes into the adjacent building, Building #70B, for packaging. A large pad-mounted transformer unit as well as other pad-mounted electrical equipment was noted along the southwestern corner of this building. A concrete truck ramp is located along the southeastern corner of Building #70A. Tank saddles were noted along the western side of the ramp. No indications of staining were noted on or adjacent to the tank saddles.
Building #70B/ DHBM Packing	This two-story 14,140 square foot building was built in 1959 and was used for the packing of the cake mixes and the storage of cardboard packing materials.	Building #70B is constructed with a combination of concrete and vinyl tile flooring, masonry walls and a concrete ceiling. The eastern portion of this building was noted to consist of a single floor which included a hoist system. The system is reported to have been used to transfer packaging materials from the second floor storage area to the first floor packing area. Inspection of the second floor of the facility noted several floor drains and a mop well. These drains are reported to be connected to the sanitary sewer system servicing the subject site. Minor staining was noted on the concrete flooring in these areas. However, the flooring was noted to be intact.
Buildings #70C and #70D	These two building designations are combined into a single one-story warehouse structure reported to have been built in 1959. Building #70C occupies 14,271 square feet and #70D occupies 34,829 feet. These building are reported to have been utilized for warehousing purposes as well as the packaging of Citrus Hill orange juice (eastern portion of the warehouse area).	This building is constructed with concrete floors, masonry walls and a metal deck ceiling. Electrical equipment, a hot water heater and a transformer are located along the western wall of this area. Several trench drains are located in the eastern portion of this building. According to P&G, these trench drain systems formerly surrounded the packaging equipment associated with the packaging of Citrus Hill orange juice. These floor drains, as well as the remainder of the floor drains located in the facility, are either connected to the sanitary sewer system, or in the case of drains that collect liquids from process operations, are connected back into the process.
Building #70F/ DHBM Kitchen	This one-story structure was constructed in 1978 and occupies 644 square feet. According to a representative P&G, this building was utilized for the testing of the DHBM.	This area was constructed with a ceramic tile floor, masonry walls and a metal deck ceiling. Inspection of this building noted counter top areas along the eastern side of this area.
Building #70G/ DHBM Cotactor Building	This two-story 1,804 square foot structure was constructed in 1978 and was utilized for the storage of compressors associated with the operations formerly conducted in Building #70A.	This building designation appears to correspond with an alcove located along the southern wall of Building #70A. Construction of this area proved similar to that noted in Building #70A.

Table 1
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Building Identification	Reported Information	Observations/Comments
Building #70I/ Personnel	This one-story 1,941 square foot structure was built in 1986. No information regarding the former usage of this building was provided by P&G.	Inspection of this area noted same to be divided into individual office areas constructed with sheet rock walls. The overall construction of this structure was noted to be similar to that noted in Building #70D.
Building #70J/ Citrus Shop	This one-story 2,880 square foot structure was built in 1988. P&G did not provide any information regarding the former operations conducted in this area.	Inspection of this area noted similar construction to Building #70D.
Building #72/ DHBM Loading Dock	This one-story 3,100 square foot loading dock structure is reported to have been built in 1962. Building #72 is not actually a building as it does not maintain any exterior walls. The north side of the structure is bounded by the southern wall of Building#70A. The southern side is open to allow for the loading and unloading of materials associated with the making of the Duncan Hines Bake Mixes.	The structure was constructed of concrete. No indications of staining were noted with regard to the concrete loading dock.
Building #74/ Warehouse Building	This one-story 103,400 square foot building was constructed in 1980 and is reported to have been utilized for the warehousing of various P&G manufactured (finished) products.	This building was noted to be constructed with a concrete floor, masonry walls and a metal deck ceiling. Three overhead doors, providing access to the adjacent warehouse building to the east (i.e., Building #75), are located along the eastern wall of this building. An elevated mezzanine area is located in the western portion of this building. In addition, a raised concrete pad with a masonry room is located immediately to the east of this mezzanine area. These areas are reported to have been associated with the packaging operation of the Citrus Hill orange juice conducted in the adjacent Buildings #70C and #70D. Inspection of these areas noted the presence of air chilling/handling equipment to be located on the second floor mezzanine area. This equipment appeared to have been utilized to supply cold air to the aforementioned masonry room. A large switch box/breaker box is located west of the masonry/cold room. Floor drains were noted to be present in a concrete diked area in the northeastern corner of the raised concrete area. The floor drains are reportedly tied to the sanitary system.

Table 1
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Building Identification	Reported Information	Observations/Comments
Building #75/ Warehouse Building	This one-story 103,400 square foot building was constructed in 1980 and is reported to have been utilized for the warehousing and distribution of the various P&G manufactured products.	This building is constructed with a concrete floor, masonry walls and a metal deck ceiling. Approximately twenty overhead loading dock doors are located along the eastern wall of this building. These doors provide access to the loading/unloading dock area located to the east of Building #75. In addition, three overhead doors are located along the western wall of this building and provide access to the adjacent warehouse building (i.e., Building #74). A transformer unit is mounted on a metal support bracket in the southwestern corner of this building. A masonry room is located in the northeastern corner of this building. According to P&G, this room was utilized as a climate control room in the Crisco food oils manufacturing process. A concrete sub-level is located in the southwestern corner of Building #75. Inspection of this area noted the presence of an electric hot water heater, an approximately 3,000-gallon AST and a sump and pump system servicing an adjacent bathroom facility. The AST is utilized to store hot water heated by a solar panel on the roof of the building.
Building #78/ Compressor Building	This one-story 384 square foot structure, was built in 1984 and was utilized to house a former air compressor.	Building #78 is constructed with a concrete floor, masonry walls and a metal deck ceiling. A large pad-mounted transformer unit is located along the northern exterior of this building. Electrical service from this transformer unit is reported to have been utilized to power the former compressor unit.
Building #79/ Office	This one-story 2,040 square foot building was constructed in 1981 and was utilized as a loading dock for incoming freight. The freight was formerly transferred to the "forty series" building by an elevated conveyor belt system which extended across Western Avenue from this location.	This building is constructed with vinyl tile floors (12"x 12" tiles), sheet rock walls and a drop panel ceiling (2 'x 2' tiles). Three former (currently sealed) overhead loading dock doors are located along the southern side of the building. The doors formerly provided access to a concrete loading dock area situated to the south of this building. This building is currently utilized as an office area for RPM Trucking, Inc.. This tenant also occupies Buildings #67N, #67S, #80 and the northern portion of the first floor of Building #60. Two additional office trailers were noted to the south of this building. These trailers are also utilized by RPM Trucking for administrative office areas.

Table 1
Summary of Site Buildings
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Building Identification	Reported Information	Observations/Comments
Building #80/ Warehouse Building	This one-story 87,890 square foot structure was built in 1969 and was reported to have been utilized for a variety of warehousing activities.	This building is constructed with concrete floors, masonry walls and metal deck ceilings. Nine overhead loading dock door are located along the southern exterior wall of this building and supply access to the exterior concrete loading dock area. The building is currently occupied by RPM Trucking which utilizes same for the warehousing and distribution of imported items such as cocoa beans, coffee beans, marinated mushrooms, liquors and wines, candy, containers, etc. These items were noted to be stored on pallets placed on metal racks or directly on the underlying concrete floor. The building is not equipped with a heating system. A fenced maintenance area is located along the western side of this building. Visual inspection of this area noted various tools, equipment and parts associated with the maintenance of the forklifts utilized in this area. In addition, four five-gallon containers of hydraulic oil, and propane (empty and full cylinders), utilized to power the facility's forklifts were stored in a secured bin located along the exterior of the southwestern of this building.

NOTES:

(1) All facility buildings are reported to have been heated by steam fired heating units. Steam was provided to the individual buildings by the facility's boiler houses.

(2) Several of the facility buildings contain freight elevators. All of the facility elevators are reported to be cable operated and do not contain any hydraulic pistons. The cable operation system is reported to be located on the roofs of the respective buildings.

(3) Several floor drains and trench drain system were noted in several of the on-site buildings. According to P&G, all floor/trench drain systems are either connected into the sanitary sewer system servicing the subject site or direct collected materials back (recycled) into the process operations.

(4) All bathrooms are reported to be connected into the sanitary sewer system servicing the subject site. According to P&G, no septic systems or dry wells are currently or have ever been located on the subject site.

(5) The subject site buildings are to be serviced via sprinkler systems for fire protection. According to a representative of P&G, the fire suppression system is a "water-only" system. Water utilized in this system is stored in two reservoirs located adjacent to Building #19 and Building #30. The reservoirs are supplied with water via the New York City water supply system.

(6) The P&G representative who accompanied Killam on the site inspection was unable to provide any information with regard to the storage and/or usage of petroleum products and/or hazardous materials in subject site buildings.

Table 2
Historical Environmental Reports and Information
Port Ivory Site
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Report Identification	Report Topic Area(s) Of Concern	Description of Activities and Analytical Results	Report Conclusions
Phase II Environmental Assessment - Wood Yard, McLaren Hart/Hart Environmental Engineering Corp., prepared for Owl Energy Resources, Inc., November 19, 1991	A 1 to 2 acre wood yard is reported to have been present at the site prior to the 1950s. Further, a water gas holder, four gas purifiers and a coke storage area are reported to have been located at the wood yard. The area is reported to contain coal tars and residues. This report describes an investigation of soil and groundwater at the former wood yard and an attempt to identify the presence of an underlying clay "liner/layer" at this portion of the site.	The investigation included the installation and sampling of four soil borings and the completion of three of the four borings as monitoring wells. Also, four borings were installed for geotechnical purposes. The soil borings did not identify the presence of a clay "liner" beneath the Wood Yard area. TPHC and BN compounds, mostly TICs, are reported to have been detected in one or more soil samples one from soil boring. Also, VO compounds and/or VO TICs, below regulatory criteria were detected in samples from this boring. The report references that the TPHC detected in soil may be from a leaking hydraulic lift. Di-n-butyl phthalate is reported to have been detected in all soil samples. According to the report, this compound is often detected in soils high in organics and therefore does not pose a threat. The investigation revealed the presence of wood as well as cinder fill. Some elevated readings were recorded on field instrumentation. Analytical results from groundwater samples identify TPHC and BN TICs in the sample from one well; the same location as the elevated soil results. A sheen was noted on water in this well. Also, all groundwater samples are reported to have revealed elevated concentrations of phenols.	The levels of contaminants detected in soil and groundwater were not regarded as an area of concern. Elevated field readings were attributed to the presence of marshlands and underlying peat. The report noted a potential reporting requirement with regard to TPHC. No additional actions are proposed with regard to soil and additional sampling is recommended to further evaluate phenols in groundwater.
Final Report, Tax Block 1400, Dames & Moore, January 24, 1992	This report presents a summary of investigative activities performed to address nine AOCs identified on this parcel: Area A West Tank Field (southwest of building 16), Area B S&S Tank Field, Area C Oleum Tank Field, Area E S&S Fat Trap, Area F1 Spent Nickel Catalyst, Area F2 Waste Oil Drum Storage, Area H Former Rosin Area, Area R Northwest Corner of Soap Manufacturing Area (suspected calcium carbonate fill area), and Area P Former Product Unloading Pit. This report also provides information pertaining to the placement of fill materials at Block 1400. The by-products identified at this parcel include the following: spent zinc and nickel catalyst recovered from fat processing operations (hydrolyzer); spent carbonaceous filter material from glycerine purification; turpentine from recovery of resin from tree soap; coke ash from hydrogen making operations; waste oils from servicing vehicles, locomotives and equipment, and, kettle bottoms. The report also identifies that a site plan notes a "rosin storage area" at the northwest corner of the soap manufacturing area. The area identified as the "rosin storage area" is noted to be unpaved at the time of the investigation. Waste oil is reported to have been used to lubricate rail switches on this parcel. There is some reference but no resolution to UST issues.	Installed and sampled soil borings and wells to investigate the listed areas. The investigation is reported to have revealed the presence of fill material from 2 to 17 feet at areas on this portion of the site. A geophysical survey is reported to have been unsuccessful due to metal interference. A groundwater mound is noted along the northwest portion of this parcel in the area of GW-8, GW-14, CS1 and CS3. Groundwater flows radially off the mound. The mounding is attributed to the presence of a thick layer of low permeability calcium carbonate.	No specific conclusions are provided in report.
	Area A: ASTs containing caustics and vegetable oil were formerly located southwest of Building #16.	Installed and sampled soil borings and one well to evaluate this area. During drilling, indications of fat, oil, grease (FOG) and TPHC are noted to extend to the groundwater table. Analytical results confirm the presence of varying concentrations of FOG and TPHC in soil. pH was recorded at levels ranging from above 9 to almost 12. pH of the calcium carbonate material was recorded at 9.99 for all sampled intervals.	No specific conclusions are provided in report.

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Report Identification	Report Topic Area(s) Of Concern	Description of Activities and Analytical Results	Report Conclusions
Continued - Final Report, Tax Block 1400, Dames & Moore, January 24, 1992	Area B: ASTs containing vegetable oils, tallow and tailings/soap bottoms from hydrolyzer were located south of hydrolyzer and east of west tank field. The tank field area was not equipped with a containment berm and surface runoff from this area flowed to unpaved areas including overflowing of a zipper drain located along the western boundary. An AST containing phenol alkane was formerly located southwest of the S&S tank field.	Installed and sampled 6 soil borings and one well to evaluate this area. Elevated levels of FOG and TPHC are reported to have been detected in all borings, extending to groundwater. A floating hydrocarbon layer is was noted at GW-14 and a sheen was noted with regard to GW-7. Zinc is reported to have been detected in soil samples. No calcium carbonate materials is reported to have been identified in borings from this area.	Report identifies a railroad siding and former oil tanks as potential sources of petroleum in soil. Catalyst material is identified as the likely source of the zinc.
	Area C: An AST used for oleum, waste sulfuric acid and acid wastewater was located northwest of Building #17. A former toluene tank (closed in place in December 1989) is reported to be located in the vicinity of Area C.	Installed and sampled 2 soil borings and 1 well to evaluate this area. Calcium carbonate detected at this area. pH levels are reported to increase with depth, over 8 to over 12.	Conclude washwater did not impact area. pH levels are attributed to migration from upgradient sources.
	Area E: A steel UST designed to collect and trap oil and grease present in wastewater stream is located southwest of the S&S Tank Field, near the phenol storage area. Historical information indicates elevated zinc concentrations in wastewater flowing to this trap.	Installed and sampled 3 borings and a well. Investigation indicates that vegetable oil is visibly present in the saturated zone and that FOG and TPHC were detected at varying concentrations in soil samples. Nickel and zinc were detected above background concentrations in soil samples. pH is reported to have been recorded at slightly acidic levels in soil samples.	Conclude that FOG, TPHC and metals are likely to be associated with trap usage. No conclusion is provided for slightly acidic pH.
	Area F1: Open drums containing spent nickel catalyst and an unknown liquid were noted northwest of Building #16. The asphalt surface in this area was noted to be cracked, stained and deteriorated. A paint shed is reported to have been located west of the drum storage pad.	Miscellaneous fill including calcium carbonate fill is reported to have been identified at this area. pH is recorded between 9 and slightly over 12. FOG and TPHC are reported to have been detected in samples from unsaturated zone. PCBs are reported to have been detected in at least one soil sample.	FOG, TPHC, pH attributed to former activities including caustics/alkaline zones found in the calcium carbonate. Recommend excavation to address PCBs.
	Area F2: Open drums were noted to be present on an asphalt storage pad located east of product unloading terminal and south of fatty acid storage tanks. The asphalt surface in this area was noted to be cracked, stained and deteriorated.	Investigation revealed black staining of soil and elevated readings were recorded during field screening. FOG and TPHC are reported to have been detected in soil samples from the unsaturated zone.	The report concludes that waste oil storage may have impacted this area.
	Area H and Area R (Area H/R): Site plans reportedly identified an area at the northeast corner of the main soap manufacturing area as a rosin storage area. Rosin was produced through the separation of resin from turpentine. A surface water body was originally located at this area and filled with calcium carbonate.	Calcium carbonate material was identified ranging in thickness from 15.5 to 17 feet. Elevated pH levels were recorded in samples and were noted to increase with depth. No turpentine related compounds are reported to have been detected and nickel concentrations are reported to be consistent with background.	Conclude that the highly alkaline zones were the cause of the elevated pH.
	Area P: Pits, used for unloading raw materials from tankers and rail cars, are reported to have been located in alleyways next to the main soap building. The pits are reported to have been closed.	FOG is reported to have been detected and slightly elevated pH levels (approximately 9) recorded in soil samples.	Conclude that the levels of FOG and pH may be from former transfer operations conducted at this area.
	Groundwater: Groundwater was identified as an issue with regard to the southern portion of Block 1400.	Installed and sampled monitoring wells at various locations on Block 1400. FOG and TPHC reported to have been detected in samples from Areas A, B, C, E, F1, F2 & H/R. Free product is reported to have been noted at GW-14 and a sheen was noted on the water surface of GW-10, 13, 14, 17 and CS-1. An elevated pH level was recorded in the sample from CS-1. Lead, nickel and zinc were reported to have been detected in samples from certain wells.	Recommend a groundwater treatment system including pH adjustment, oil/water separation to remove free product, clarification and settling to remove solids and precipitates, and liquid phase carbon adsorption to reduce PHC levels.

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Final Report Soil Environmental Investigation, Tax Block 1309, Dames & Moore, April 20, 1992	This report presents a summary of investigative activities performed to address two AOCs identified on this parcel: Area D Oil Pump House (Bldg S-29) and Area I Fly Ash Storage Area. This report also identifies a 1988 Memorandum of Understanding (MOU) which was executed between Procter & Gamble and the NYSDEC regarding the discharge from the pipe rupture and the referenced "oil lens". This report also provides historical information including information pertaining to the placement of fill materials at Block 1309, Lot 1.	Installed and sampled soil borings installed at Area D and test pits at Area I. Analytical results are compared to "background levels". Groundwater encountered from 2.2 to 9 ft bsg. Generally the groundwater noted to exist in fill material and silt layers.	No specific conclusions provided in report.
	Area D is located south of two fuel oil ASTs in dock area. The ASTs are located in a diked area described as being lined with a synthetic geotextile material. Area D is in the vicinity of previously performed investigation associated with a leak in fuel oil transfer piping at the eastern portion of dock. This report references a BB&L Report describing the efforts undertaken to address the fuel oil rupture. The pipe is reported to have been repaired and the contamination associated with the pipe rupture to have been addressed.	Area D: Samples were analyzed for TPHC, FOG, nickel and pH. Nickel and pH were included in the analyses due to information indicating that the pump house area was filled with diatomaceious earth from vegetable oil operations at the site. Results indicated varying concentrations of FOG and TPHC in both unsaturated and saturated zone. Nickel detected in samples. pH recorded at the 8 to 9 range.	Report noted higher concentrations of TPHC and FOG present in upper two feet. Nickel referenced as being at concentrations below levels of concern.
	Area I is located at the northern portion of this parcel and is the location of a temporary fly ash stockpile area. Investigation initiated in response to elevated concentrations of lead (exceeded extraction procedure toxicity) in samples from fly ash. Assert that the elevated lead is from demolition debris containing lead based paint.	Test pits were installed from surface to 3 ft bsg. Fill material (silt, sand mixed with ash, gravel, bricks overlying calcium carbonate) was noted in test pits from this area. Samples from the test pits were analyzed for pH, zinc and lead. pH was recorded at levels of 9 to 10 in fill samples. Zinc and lead also were detected in soil samples.	Zinc and lead referenced as being at concentrations below levels of concern. Elevated pH attributed to fill, including calcium carbonate.
Final Report Soil and Groundwater Environmental Investigation, Tax Block 1338S, Dames & Moore, April 20, 1992	This report presents a summary of investigative activities performed to address 6 AOCs identified on the southern portion of the Block 1338 parcel: Area G Former Vegetable Oil Tank Farm, Area K Fill Area and Coal Storage, Area M Area East of Edible Oils Buildings #52-56, Area N Former Vegetable Oil Fat Trap, Area P1 Former Product Unloading Pit and Area Q1 Existing Scale Pit. The report also provides historical information including information pertaining to the placement of fill materials at the southern portion of Block 1338 and identifies that spent diatomaceous earth from edible oil refining and spent nickel catalyst from edible oils are the by-products of the "food area". The report references a geophysical survey performed by Blackhawk Geosciences which identified USTs at Area M, specifically east of Buildings #53/54 and east of Building #56.	Soil and groundwater investigation consisting of the installation and sampling of soil borings and wells is reported to have been performed at each of these AOCs. Based on the groundwater investigation performed at the southern portion of Block 1338, groundwater at this portion of the site is reported to exist at depths ranging from 2.2 to 9 feet bsg and to flow toward Bridge Creek	No specific conclusions provided in report.
	Area G: ASTs containing vegetable oil and caustics were formerly located at this area. Nickel catalyst was stored in this area after tanks were dismantled. An investigation is reported to have been undertaken due to cracking and expansion joints in the concrete pad at this area.	Investigative efforts did not reveal any free phase vegetable oil but did identify black staining of soil in this area. Nickel, lead and zinc are reported to have been detected below background levels. pH was recorded at levels of 9 to 10 in surface and subsurface samples.	No specific conclusions provided in report.
	Area K: Fill is reported to have been placed in the southeastern portion of this parcel in the area of Buildings #74 and #75. In addition, this area is reported to have been used for coal storage. Also, an unknown black material was found during the foundation investigation for Buildings #74 and #75.	Installed and sampled soil borings and wells.	No specific conclusions provided in report.

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Continued - Final Report Soil and Groundwater Environmental Investigation, Tax Block 1338S, Dames & Moore, April 20, 1992	Area M: ASTs containing vegetable oil and caustics were present at the area east and southeast of Buildings #52 and #56. Also, unloading pits and railroad sidings are reported to have been present at this area. Fill is reported to have been placed at this area. UST(s) may also have been present in this area.	Installed and sampled 5 soil borings and 1 well at this area. Analytical results revealed the presence of low levels of TPHC and FOG in soil samples. Nickel is not reported to have been detected at an elevated concentration and pH was recorded at levels ranging from 8 to above 10. The report does not identify the location(s) of any UST(s) at this area.	No specific conclusions provided in report.
	Area N: A vegetable oil fat trap, "super fat trap", is located south of Building #56. An oil/water separator system including a UST, now filled with coarse aggregate, also is located in this area.	Installed and sampled soil borings which revealed the presence of black staining of soil. FOG was detected in soil samples and pH was recorded at relatively neutral levels. Nickel was detected below background.	No specific conclusions provided in report.
	Area P1 - Concrete pits were formerly located at the bottom of the rail siding unloading area, east of the Edible Oils Building. The pits were filled in and capped with asphalt/concrete.	Area P1: Low concentrations of TPHC and FOG were detected in soil samples. pH was recorded at levels ranging from almost 7 to slightly over 9.	No specific conclusions provided in report.
	Area O: This area is an existing scale pit and includes equipment for weighing trailers and rail cars at the site. Construction records indicate that the pit is constructed of concrete and is 10 feet deep.	Area O: TPHC and FOG were detected in soil samples and pH was generally recorded in the 7 to slightly above 8 range.	No specific conclusions provided in report.
	Groundwater was considered of concern with regard to the southern portion of Block 1338.	Groundwater: Installed and sampled 5 wells at the southern portion of Block 1338. Samples were analyzed for TPHC, FOG, zinc, lead, nickel, and pH. Report identifies isolated incidences of elevated TPHC concentrations and notes that higher concentrations are away from the production areas of this portion of Block 1338. Elevated concentration of lead and zinc.	States that the presence of TPHC in wells upgradient of production areas suggests that contaminants may be from off -site sources. State that TPHC has had a limited impact on groundwater. Overall Remedial Approach included in report states that the tar-like material with elevated levels of TPHC may be impacting groundwater.
Final Report Soil and Groundwater Environmental Investigation, Tax Block 1338N, Dames & Moore, April 20, 1992	This report presents investigative actions performed at two AOCs: Area L Filled Area (southeast of Building #64) and Area Q2 Former Scale Pit located at the northern portion of Block 1338. The report indicates that paints and solvents were likely used in refurbishing operations at an old copper shop. Recent operations are identified as warehousing in Buildings #80, #60, #67N and #67S.	Investigation included the installation and sampling of soil borings and wells. Also performed a geophysical survey to identify USTs. The survey is not successful due to metallic interference from railroad tracks, metal piping, etc. Groundwater at the portion of the site occurs at 5.5-8.5 feet bsg and primarily in miscellaneous fill. Groundwater flow is reported to be to the southwest.	No remedial action is proposed to address either AOC or the northern portion of Block 1338.

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Continued - Final Report Soil and Groundwater Environmental Investigation, Tax Block 1338N, Dames & Moore, April 20, 1992	Area L: A sludge pond is reported to have been located south of Building #67 and southeast of Building #64. The report indicated that investigation was necessary to evaluate the type of materials utilized to fill the sludge pond. Also, investigation efforts were undertaken to evaluate impacts from a copper shop.	Installed and sampled two soil borings and a monitoring well. Some petroleum staining of soil is noted in one boring. The report references the recording of elevated pH levels in soil samples.	The report concludes that the investigation did not identify impacts to the area from former uses and did not support that the areas had been used as a sludge pond. Also concludes that the elevated pH may be associated with caustics.
	Area Q2: A truck scale was previously operated at the area west of Building #60. The scale is reported to be constructed of concrete.	Results do not identify the presence of TPHC or FOG and pH was recorded in the 6 to 8 range.	No remedial action is proposed based on analytical results.
	Groundwater was considered an area of concern with regard to the northern portion of Block 1338.	Wells were installed and sampled. TPHC and FOG were not detected at elevated concentrations in groundwater. Nickel, lead and zinc were detected in one site monitoring well (GW-5) from this area.	No remedial action proposed for groundwater.
Results of Sampling for Toluene and Metals, Recon Systems, Inc., December 11, 1992	The report presents and summarizes sampling performed to delineate toluene and TPHC contamination in groundwater and to supplement a previously completed feasibility study.	In December 1992 samples were collected from 10 wells: GW-7, GW-10, GW-11R, GW-12, GW-14, GW-17, RS-1, CS-3, Code Well and MW-5 (across Richmond Terrace). Samples from 5 wells (GW-10, GW-11R, RS-1, Code Well and MW-5) were analyzed for VO. Field measurements (pH, temperature and conductivity) were recorded for all 10 wells and dissolved oxygen was recorded for five wells.	This report concludes that this round of sampling confirms the results of previous sampling rounds and states that the presence of toluene will be addressed as part of the groundwater treatability study. No further action is proposed for metals as concentrations are below NYC sewer discharge levels.
	VO analysis of groundwater samples.	Toluene was detected in samples from 3 of the well samples tested for VO compounds.	The report states that the December 1992 sampling round indicates that toluene contamination is centered at GW-11R.
	Metals analysis of groundwater samples.	Samples from all 10 wells were analyzed for cadmium, chromium, copper, cyanide, lead, mercury, nickel and zinc. Low concentrations of copper and zinc are reported to have been detected in all wells. Chromium and nickel are reported to have been detected in some of the wells.	All concentrations of metals are reported to have been below NYC sewer discharge levels.
	pH assessment of groundwater samples.	The level of pH is reported to have been outside the acceptable federal drinking water range of 6.5-8.5 in four wells: Code Well, RS-1, CS-3 and GW-14.	The results are reported to confirm previous sampling rounds with regard to pH.
	TPHC analysis of groundwater samples.	Samples from two wells, GW-12 and GW-17 were analyzed for TPHC. TPHC was detected in the sample from GW-12 and was not detected in the sample from GW-17.	The level and extent of the TPHC is reported to be consistent with results of previous investigations.

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UST Storage Tank Removal and Site Assessment Report, Recon Systems, Inc., February 19, 1993 (Draft Version)	This report provides a summary of removal efforts for nine USTs. The report also includes an Appendix which consists of information associated with five of the nine tank removals performed by CODE Environmental. The CODE report is listed as a separate report in this table. The Recon report also includes a letter from Recon to the NYSDEC informing them of the intended removal of three tanks (one 8,000 gallon tank at Building #20 and two 10,000 gallon tanks at Building #56) which had never been included on the tank registration for the facility. These tanks are reported to have been identified through a review of historical site plans. It appears likely that these tanks identified in the letter were removed as part of the closure effort described in this report. It should be noted that the two 10,000 gallon tanks identified in the letter to NYSDEC were the 12,500 gallons described in this report. According to the report a representative of the NYSDEC Water Program witnessed the closure efforts for all tanks.	The following USTs are reported to have been closed: one 8,000 gallon No. 6 oil UST at Building #20; two 8,000 gallon No. 6 oil USTs and one 8,000 gallon No. 2 oil UST at Building #56; one 1,000 gallon diesel fuel UST at Building #1B (Excavation A); one 2,000 gallon unleaded gas UST at Building #12 (Excavation B); one 3,000 gallon diesel UST at Building #32 (Excavation C); and, one 12,500 gallon No. 6 oil UST and one 12,500 gallon No. 2 oil UST at Building #32A (Excavation D). The closure included removal of tanks, removal of soil (based on field screening), the collection and analysis of post-excavation samples and the restoration of each tank area via the placement of clean fill. Some dewatering is reported to have been performed and resultant materials collected and transported from the site for disposal at an appropriate facility.	The report states that all accessible contaminated soil was removed from tank areas. No exceedences are reported with regard to VO compounds and only a few exceedences are reported with regard to CPAH compounds.
	Removal of one 8,000 gallon UST containing No. 6 oil from the Building #20 Area.	Building #20 Excavation: A 8,000 gallon UST formerly containing No. 6 oil located in a concrete vault was removed. Based on the presence of stained soil and free product around the supply line, 200 tons of soil were removed from the tank area. Soil was excavated to groundwater but due to the proximity of the building, a portion of the vault and some contaminated soil was left in place. The matter was assigned NYSDEC Number 920-3451. Four post-excavation samples were collected from the interval immediately above groundwater and analyzed for BN+15. Analytical results revealed the presence of CPAH compounds in excess of NYSDEC standards in three of the four samples.	No additional actions were recommended for this area.
	Removal of two 8,000 gallon UST containing No. 6 oil and one 8,000 gallon tank containing No. 2 oil from the Building #56 Area.	Building #56 Excavation: Two 8,000 gallon USTs containing No. 6 oil and one 8,000 gallon UST containing No. 2 oil were removed. Based on the presence of stained soil and oil sheen on the groundwater, 325 tons of soil were removed from the tank area. Due to the presence of electric lines, some contaminated soil was left in place. The matter was assigned NYSDEC Number 920-3754. Six post-excavation samples were collected from the interval immediately above groundwater and analyzed for BN+15. Analytical results from the sample collected below the electric line revealed the presence of CPAH compounds in excess of NYSDEC standards. BN compounds were either not detected or were detected below cleanup standards in the other samples.	No additional actions were recommended for this area.
	Removal of one 1,000 gallon UST containing diesel fuel from the Building #1B Area.	Building #1B Excavation: A 1,000 gallon UST containing diesel fuel was removed. Contaminated soil was encountered during the removal effort and approximately 50 tons of soil is reported to have been removed from the tank area. The matter was assigned NYSDEC Number 920-3697. Four post-excavation samples were collected from the interval immediately above groundwater and analyzed for BN+15 and VO+15. Analytical results revealed the presence of CPAH compounds in excess of NYSDEC standards in two of the four samples.	No additional actions were recommended for this area.

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Continued - UST Storage Tank Removal and Site Assessment Report, Recon Systems, Inc., February 19, 1993 (Draft Version)	Removal of one 2,000 gallon UST containing unleaded gas from the Building #12 Area.	Building #12 Excavation: A 2,000 gallon UST containing unleaded gasoline was removed. No contaminated soil or holes were observed during the removal. Four post-excavation samples were collected (three from the excavation and one from along the supply line) and analyzed for VO. The concentrations are reported to have been below cleanup standards.	No additional actions were recommended for this area.
	Removal of one 3,000 gallon UST containing diesel fuel from the Building #32 Area.	Building #32 Excavation: A 3,000 gallon UST enclosed in a vault was removed and approximately 50 tons of soil were removed from the tank area. The matter was assigned NYSDEC Number 920-3697 (same number as Building 1 Excavation). The excavation was extended to groundwater and is reported to have been limited by the presence of an electric line along the eastern portion of the tank area. Two post-excavation samples were collected from the interval immediately above groundwater and analyzed for BN+15 and VO+15. No targeted BN or VO compounds were detected. Low concentrations of VO TICs were detected.	No additional actions were recommended for this area.
	Removal of one 12,500 gallon UST containing No. 6 oil and one 12,500 gallon UST containing No. 2 oil from the Building #32A Area.	Building #32A Excavation: Two 12,500 gallon USTs were removed and approximately 75 tons of soil were removed from the area surrounding the tank. The matter was assigned NYSDEC Number 920-4269. The excavation was extended to groundwater and is reported to have been limited by the presence of buildings on three sides and an electric line. All accessible contaminated soil is reported to have been removed. Four post-excavation samples were collected from the interval immediately above groundwater and analyzed for BN+15 and VO+15. No targeted BN compounds were detected. Low concentrations of target VO compounds, below regulatory levels, were detected in one sample.	No additional actions were recommended for this area.

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Site Assessment Summary Report Closure of Underground Storage Tank Systems, CODE Environmental Services, September 1992 (included in Appendix 1 of Recon UST Report, dated February 19, 1993)	This report provides a summary of the removal efforts undertaken for 5 USTs: one 1,000 gallon UST formerly used to store diesel oil; one 2,000 gallon UST storing gasoline; one 3,000 gallon UST containing diesel oil; one 12,500 gallon UST containing fuel oil; and one 12,500 gallon UST containing fuel oil. This report references a different sampling regime than described in the February 1993 Recon report. The report identifies a closure approval dated June 22, 1992. This report is provided as an appendix to the February 1993 Recon report.	Tanks and impacted soil, if any, were removed from five site locations in June/July 1992. One 1,000 gallon steel tank formerly used to store diesel fuel was removed. Approximately 160-170 gallons of diesel fuel and sludge present in the vault encasing the UST were removed and drummed for disposal. Samples are reported to have been collected from the sides and bottom of the excavation and analyzed for TPHC. One 2,000 gallon steel tank located at Building #12 and used to store gasoline was removed. The tank was encased in concrete with concrete and soil overlying same. Samples are reported to have been collected from the sides and bottom of the excavation and analyzed for TPHC and BTEX. The NYSDEC ordered the excavation backfilled in July 1992. One 3,000 gallon steel tank located at Building #32 and used to store diesel fuel was removed. During excavation activities, it was determined that a leak from the feed lines had impacted surrounding soil. The NYSDEC was notified (920-3697) of the discharge and the excavation was backfilled at the direction of the NYSDEC No reference to sampling is included in the discussion. Two 12,500 gallon steel tanks, one used to store No. 2 fuel oil and one used to store No. 6 oil, were removed. The tanks were encased as well as being horizontally cross-braced with large steel I beams. The No. 6 oil tank was grouted and embedded in the building abutment.	No conclusions were provided in the report.
Area F Soil Remediation Report, Recon Systems, Inc., March 16, 1993	This report describes soil excavation and sampling performed to address previously delineated PCB contamination in soil at Area F. The report states that Area F was first identified as an area of concern during a SI performed by Dames & Moore and subsequently the extent of the PCB contamination was delineated through a soil boring investigation performed by Recon in 1992. A report documenting the delineation activities is reported to have been prepared and submitted to P&G in June 1992.	Excavation activities were performed in February 1993. The excavation boundaries are reported to have been based upon the results of a soil boring investigation performed in 1992 and to have been centered about sample FB-3 which reported the highest PCB concentration of 150 ppm. The excavation was extended to a depth of approximately 3 feet bsg. Approximately 150 cubic yards (221 tons) of soil was excavated and nine post-excavation samples were collected from the resultant excavation area. PCBs were either not detected or were detected below the minimum detection limit in 5 samples. Detectable levels of Aroclor-1254 were identified in the remaining four samples with the highest concentration recorded at 0.49 ppm, below the NYSDEC standard for PCBs of 1 ppm.	No further action was proposed for Area F.

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Report Identification	Report Topic Area(s) Of Concern	Description of Activities and Analytical Results	Report Conclusions
Site Assessment, Soils Delineation and Impact to Groundwater in Area K at the Port Ivory Facility, Recon Systems, Inc., October 15, 1993	Report describes a groundwater investigation undertaken to determine if groundwater in monitoring wells (GW-16 and GW-1) near Area K had been impacted by industrial activities. The report states that soil investigations performed by Dames & Moore and Recon identified the presence of TPHC, VO compounds and BN compounds in soil samples from Area K. This report references a November 1992 report by Recon *Results of Soil Investigation in Areas F and K.* This report was not included in the materials provided for Killam's review. However, the October 1993 report states that the November 1992 report provides a summary of delineation efforts at Area K. With regard to the delineation efforts at Area K, Recon is reported to have installed 54 test pits, performed field screening and collected and analyzed 17 soil samples. The delineation effort reportedly revealed the presence of "elevated" levels of TPHC in soil samples collected from areas exhibiting a black tar-like substance. The October 1993 report reiterated the conclusion of the 1992 report and stated that the noted hydrocarbons were likely to be immobile due to their high viscosity but indicated that a groundwater investigation was necessary to confirm this conclusion.	In December 1992, Recon obtained samples from wells GW-16 and GW-1. Samples were analyzed for PP+40 including cyanides and phenols. Analytical results are reported to have been below NYSDEC action levels except for cyanides, 2(1,1-dimethyl)phenol, arsenic, chromium, copper, lead and zinc. The levels of the above listed contaminants are reported to have been within one order of magnitude of corresponding NYSDEC action levels. To confirm results, the wells were re-sampled in March 1993 for cyanide, arsenic, chromium, copper, lead and zinc. Analytical results revealed similar levels of the noted contaminants.	The report asserted that residential exposure from the subsurface contamination would be minimal so long as the soil was not disturbed. Also, stated that soil bound petroleum hydrocarbons have not impacted groundwater at this portion of the site. Further, states that the metals in groundwater may be from fill rather than industrial activities. No further action is proposed for groundwater since it is not used for potable purposes.
Environmental Site Assessment Summary Report of Tax Block 1400, Recon Environmental Group, October 18, 1994	According to this report, environmental due diligence studies were performed to characterize environmental conditions of this parcel and that all issues have been addressed at this parcel. The report states that P&G has completed several projects to eliminate site contamination and that the one remaining active project is a groundwater remediation project which is described in this report. The report indicates that the proposed groundwater recovery system would induce a constant flow across the site thereby mobilizing compounds that are adsorbed to soil. These mobilized compounds can be recovered and treated thereby remediating soil.	The previously identified concerns and response actions, as presented and described in this report, are as follows: Bridge Creek Calcium Deposits; Former Raw Product and By-product AST Areas; Wastewater Treatment; Drum Storage; Former Rosin Storage Area; Representative Railroad Switch and Equipment Areas; Product Unloading Areas; Closure of UST Systems; Wood Yard; Building 20; and Groundwater Sampling and Analysis.	Groundwater remediation is the only proposed action.
	Bridge Creek Calcium Deposits	Two investigations were performed to determine the sources and extent of the white precipitate in Bridge Creek. Studies involved sediment and groundwater sampling and analysis. Results of both studies revealed high pH levels and the conclusion was that the material was calcium carbonate.	This report states that the high pH will be addressed through the proposed groundwater remediation program.
	Former Raw Product and By-product AST Areas	Three AST Areas (Areas A, B & C) were investigated by Dames & Moore in 1992. Each area is reported to have been investigated with soil borings and at least one monitoring well. Analytical results from soil samples are reported to have indicated levels of FOG, TPHC, pH and zinc. Groundwater results are reported to have indicated elevated levels of FOG, TPHC, pH, zinc and lead. All ASTs are reported to have been removed. This report also comments that a UST used to hold toluene near Area C was closed in place and filled with concrete in 1989.	The report states that elevated concentrations of contaminants in groundwater will be addressed through the proposed groundwater remediation program.

Table 2
Historical Environmental Reports and Information
Port Ivory Site
Staten Island, New York

Report Identification	Report Topic Area(s) Of Concern	Description of Activities and Analytical Results	Report Conclusions
	Wastewater Treatment Drum Storage	The S&S Fat Trap (Area E) handled wastewater from the hydrolyzer building. Soil borings and a well were installed at this area. Analytical results revealed the presence of elevated concentrations of FOG, TPHC, nickel and zinc.	The report states that elevated concentrations of contaminants in groundwater will be addressed through the proposed groundwater remediation program.
	Drum Storage	Area F1 (Spent Nickel Catalyze Drum Storage Area) and Area F2 (Waste Oil Drum Storage Area) were evaluated through the installation and sampling of soil borings and wells. Analytical results from Area F1 revealed the presence of elevated levels of pH, TPHC, FOG, zinc and PCBs. Analytical results from Area F2 revealed elevated levels of FOG and TPHC. Additional sampling was performed to delineate the extent of the PCBs detected in soil at Area F1. Subsequently, soil excavation was performed to address the PCBs.	PCB contaminated soil was removed and no further action is necessary based on post-excavation sampling.
	Former Rosin Storage Area	This area, Area H, was investigated through the installation and sampling of soil borings and a well. Elevated pH is reported to have been recorded in soil and groundwater.	This report states that the high pH will be addressed through the proposed groundwater remediation program.
Continued - Environmental Site Assessment Summary Report of Tax Block 1400, Recon Environmental Group, October 18, 1994	Representative Railroad Switch and Equipment Areas	Representative railroad switch, tie and equipment (Area O) is reported to have been sampled by Dames & Moore. Reportedly, the investigation did not identify any negative impact associated with the railroad equipment.	No actions are proposed for railroad equipment on this parcel.
	Product Unloading Areas	Concrete lined pits which have been filled in and capped with asphalt or concrete were formerly used for unloading raw product from tankers and rail cars. These pits were evaluated through the collection of soil samples. Analytical results indicated elevated levels of FOG and pH.	Conclude that induced groundwater flow from the groundwater treatment system will remediate these soils.
	Closure of UST Systems	The report states that Recon and CODE supervised and documented the decommissioning of the following USTs: 1,000 gallon diesel (B1B), 2,000 gallon gasoline (B12), 3,000 gallon diesel (B32), 12,500 gallon #2 (353) 12,500 gallon #6 (354) and a 8,000 gallon #6 (Building #20). Impacted soil is reported to have been removed from the former B1B, B32, 353, and 354 and some impacted soil is reported to have been left in place adjacent to Buildings #20, #32, #32A and #56 due to the presence of buildings and/or utilities.	Conclude that no further action is necessary given that the source(s) and the majority of the contaminated soil was removed.

Table 2
Historical Environmental Reports and Information
Port Ivory Site
Staten Island, New York

Report Identification	Report Topic Area(s) Of Concern	Description of Activities and Analytical Results	Report Conclusions
	Wood Yard	Historical maps are reported to identify a 1 to 2 acre wood yard which had contained a coal gasification raw material storage area prior to the 1950s. This is reported to be discussed in a 1991 McLaren Hart report which was not provided to Killam during the document review. The area is reported to have been investigated to determine if any coal tar residue had impacted soil or groundwater. The investigation revealed elevated levels of TPHC, VO and BN in soil and TPHC, BN and phenols in groundwater.	Groundwater quality will be addressed in the proposed groundwater remediation program.
	Building #20	Building #20 is reported to have been utilized as a locomotive repair shop. Analysis of samples from the stained soil floor indicated elevated levels of TPHC, VO, BN, metals and low levels of PCBs. A McLaren Hart report (1992) is reported to have concluded that the sampling results did not contain any contaminants above cleanup guidance values or that would pose a threat to human health. The 1992 McLaren Hart report was not provided to Killam during the document review.	No actions were proposed for this area.
	Groundwater Sampling and Analysis	Floating product is reported to have been observed on the water surface of wells on Block 1400 and elevated levels of pH are reported to have been recorded with regard to groundwater samples. Reportedly, Dames & Moore and McLaren Hart recommended a groundwater investigation and remediation program (free-phase product removal and pH neutralization) and, Recon performed an investigation which included testing to delineate the high pH, toluene and product plumes on this parcel and a pump test to evaluate hydraulic parameters for use in a preliminary design.	Conclude that groundwater remediation (coalescing oil/water separator, air stripper and acid addition to address TPHC, toluene and high pH) is warranted.
Continued - Environmental Site Assessment Summary Report of Tax Block 1400, Recon Environmental Group, October 18, 1994	Groundwater Contamination	Groundwater remediation: This report states that Recon was going to develop a preliminary treatment design to be utilized in permit negotiations with New York City. The proposed design scheme was to include 10 recovery wells pumping water to 3 input wells in the treatment system. Water from three wells contaminated with TPHC was to be pumped to an oil/water separator and water from the two wells exhibiting elevated levels of toluene was to be pump to an equalization tank. The effluent from the oil/water separator and the air stripper was to be mixed, in an equalization tank, with water from the wells from the area with high pH. From the equalization tank, the water was to be pumped to an existing pH control system. An inline static mixer was to be added along with an acid addition system as the primary pH control and the existing pH control system was to be used as a backup. It was proposed to discharge the treated effluent to the sewer.	Report concludes that groundwater remediation is needed to address PHC, toluene and pH.

Table 2
Historical Environmental Reports and Information
Port Ivory Site
Staten Island, New York

Report Identification	Report Topic Area(s) Of Concern	Description of Activities and Analytical Results	Report Conclusions
Landfill Closure Construction Certification Report, Levine-Fricke-Recon (LFR), July 18, 1997	Documents the field procedures implemented to achieve physical closure of the P&G landfill in accordance with 6 NYCRR Part 360 and the landfill closure plan dated January 1997. This report also includes permits, correspondence, disposal documentation and cover material certification associated with the landfill closure. The report states that P&G previously demonstrated the non-hazardous condition of the landfill and, as allowed on a case-by-case basis, P&G had demonstrated that specific landfill closure requirements in Section 360-2.15 Landfill Closure and Post Closure Criteria were not applicable. Therefore, NYSDEC is reported to have addressed the closure according to Section 360-2.14 Industrial/Commercial Waste Monofills which allows for closure requirements to be modified based on pollution potential of waste.	The approved closure activities included site clearing to remove surface debris, brush clearing, placement of one foot of cover and the establishment of vegetation. Materials removed from the landfill area included the following: scrap metal, tires, telephone poles, railroad ties, vegetative debris and one box of sharps.	No additional actions are proposed for the landfill with the exception of the post-closure groundwater monitoring and maintenance.
Landfill Cover Maintenance Manual and Groundwater Monitoring Plan, LFR, April 14, 1998	Describes maintenance and groundwater monitoring for closure of the C&D Landfill located on Block 1309. This report provides maps which depict the landfill area, the locations of 7 wells and groundwater contours.	No investigative actions are included in this report. The report sets forth a five year sampling and maintenance program including all 7 monitoring wells (MW-1,2,3,4,5,6 and DW-1) located within the landfill. The proposed maintenance plan includes a semi-annual inspection to ensure the integrity of soil cover and vegetation.	No conclusions are provided in this report.
Landfill Closure Plan, LFR, April 14, 1998	This report documents the closure of the landfill at the Port Ivory facility in accordance with NYCRR Part 360. The report states previous investigation(s) revealed that soil and groundwater are free of significant contamination and therefore do not pose a threat to human health or the environment.	No activities performed in conjunction with this report.	Closure will include a deed restriction

Table 2
Historical Environmental Reports and Information
Port Ivory Site
Staten Island, New York

Report Identification	Report Topic Area(s) Of Concern	Description of Activities and Analytical Results	Report Conclusions
Update on the Report on the Recommended Treatment System for Groundwater Contaminated with NAPL, Toluene and High pH, Recon Systems, Inc. March 28, 1995 *Amendment to Remove Economic Information*, May 13, 1999	The report presents updated information pertaining to the proposed treatment system for groundwater contaminated with NAPL, toluene and high pH.	The report does not include any additional testing activities. Rather, the report provides an updated design based on data generated since issuance of previous design report in 1993. The changes to the design system include fewer recovery wells due to a reported NAPL dissipation (one area of concern remaining) and diminished extent of the high pH area as well as increased water hardness.	The report concludes that recent sampling results necessitate revision to the previously described treatment system. The revised design calls for fewer recovery wells, elimination of the oil/water separator , addition of a sludge thickening system (if needed due to recent high hardness measurements) and a scaled down stripper system. Also, economic information is referenced as having been removed from this report.
Investigation of Calcium Deposits, Blasland, Bouck & Lee, September 1999	According to this report an area on the western side of the site, along Bridge Creek, was formerly occupied by calcium carbonate drying beds. In addition, several ASTs containing caustic materials were located approximately 250 feet east of Outfall G. White precipitate is reported to have been noticed several times along the banks. In response to the noted precipitate, P&G is reported to have initiated a pH level monitoring program. The purpose of this investigation was to identify and map the extent of the precipitate occurrences in Bridge Creek and attempt to determine the source area of the precipitate.	The investigation/study included the following: collection and analysis of sediment samples from the bed of Bridge Creek; collection of water samples from selected outfalls that intermittently discharge to the creek; installation and sampling of 7 wells; water table measurements hydraulic conductivity testing; hydrochemical sampling (pH, conductivity and temperature); and review of previously recorded pH values. Samples collected as part of this investigation were analyzed for indicator inorganic constituents (chloride, sulfate, nitrate, fluoride, chromium, arsenic, barium, cadmium, calcium, cyanide, iron, lead, manganese, mercury, copper, silver, sodium, zinc and selenium). The report also includes calculations estimating potential rate of discharge to groundwater into Bridge Creek. Two areas of elevated pH were identified through this study, Outfall G Area and an area 500 feet north of Outfall G. The second area is presumed to be associated with a groundwater seepage point. The levels of pH recorded between 1986 and 1989 were generally similar. Investigation revealed that pH of Bridge Creek was historically elevated and that the levels had been declining since 1985/6 due to a delayed response to the installation of an underground piping system at the AST area in 1984. Given the similarity in pH levels between 1986 and 1989, it was concluded that the precipitate either stabilized or is forming at a slow rate.	The report concludes that groundwater with an elevated pH exists over much of the study area and that the flow of the high pH groundwater through the subsurface lime deposits has resulted in the dissolution of the deposits and the release of calcium products. The discharging of this calcium enriched groundwater into surface water exhibiting a lower pH may cause the precipitation and deposition of calcium salts. Furthermore, the soils and groundwater reflect many of the chemical parameters indicative of the saline to brackish waters natural to Bridge Creek.

Note: Information provided in this table is as presented in the listed reports.

Table 3
Summary of Environmental Database Listings
Port Ivory Site
Staten Island, New York

Database	Database Date	Additional Information
USEPA, Resource Conservation Recovery Information System (RCRIS) Facilities - Large Quantity Generators (LQG) List	December 12, 1999	The subject site is listed on the USEPA, RCRIS Facilities - LQG List dated December 12, 1999. Review of this site listing notes that P&G is permitted as a LQG (Record Date August 13, 1980) and assigned USEPA ID Number NYD000249961. One violation appears to be associated with this site listing and is associated with the requirements Compliance Evaluation Inspection. P&G is reported to have complied with these requirements on September 25, 1986. Based on review of the site listing, it appears that no outstanding violations are associated with the site's listing as a LQG.
The NYSDEC Inventory of Hazardous Disposal Sites (SHWS) List	April 1999	The subject site's inclusion on NYSDEC, HSWDS List dated April 1999 is associated with the presence of the C&D Landfill on Block 1309. This listing also identifies that P&G maintains an USEPA Identification Number NYD980507537 and operates a wastewater treatment system to control pH in the sanitary waste stream. After some acidulation occurs, the sludge from the treatment system is reported to be removed from the subject site. No other off-site disposal activities are identified in this listing. The listing comments that the abandoned landfill reported to be on-site does not have a liner or a leachate collection system and that P&G disposed of wastes, generated from their manufacturing processes, on-site. A consent order, executed in March 1992, is identified in this listing. Further, the consent order is reported to have required site investigation and closure (in accordance with Part 360) of the landfill. This investigation is reported to be currently under review. Although information provided by representatives of DEC have confirmed that the landfill was closed in accordance with prevailing regulations and that the case is considered closed by the Department. Post-monitoring requirements were performed by P&G and are currently being performed by the Port Authority.
NYSDEC, Petroleum Bulk Storage Database (UST) List	April 2000	The listing identifies three USTs (PBS Number 2-600767) formerly located on the subject site. One 8,000 gallon and two 10,000 gallon USTs containing 1,2 or 4 fuel oil are reported to have been closed/removed in August 1992. Tanks are reported to have been constructed of steel/carbon and associated piping is reported to have been constructed of steel/iron.
NYSDEC, Chemical Bulk Storage Database (CBS UST) List	January 2000	This listing notes that P&G formerly utilized one 10,000-gallon UST, was registered under CBS Registration Number 2-000128, for the storage of toluene. The tank is reported to have been installed in January 1950 and its current status is noted as "temporarily out of service/closed in place". No date for the closing of the tank was provided in the EDR Listing. The tank and piping are reported to be constructed of steel/carbon steel and situated within a secondary containment vault. According to P&G, contamination was identified in conjunction with the former toluene tank area. Please note, the toluene tank was not specifically evaluated as part of the site investigation since P&G indicated it was a closed issue with the NYSDEC. However, investigation actions were performed in the vicinity of the former toluene tank.
NYSDEC, Chemical Bulk Storage Database (CBS AST) List	January 2000	This listing notes the subject site formerly maintained nine ASTs under CBS Registration Number 2-000128. All tanks are reported to have been closed.

Table 3
Summary of Environmental Database Listings
Port Ivory Site
Staten Island, New York

Database	Database Date	Additional Information
NYSDEC, Major Oil Storage Facilities Database (MOSF UST) List	January 2000	This listing notes the subject site formerly maintained eight USTs under MOSF Facility Identification Number 2-2160. The facility status is listed as inactive. The tanks ranged in size from 550 gallons to 12,000 gallons and all are reported to have contained petroleum products (fuel oil, diesel or unleaded gasoline). The listing indicates that all of the USTs were removed with NYSDEC oversight and does not identify any outstanding required actions.
YSDEC, Major Oil Storage Facilities Database (MOSF AST) List	January 2000	This listing notes the subject site formerly maintained five ASTs under MOSF Facility Identification Number 2-2160. The facility status is listed as inactive. Three tanks with capacities of 550, 275 and 250 gallons are reported to have contained diesel fuel and two tanks, each with a capacity of 42,000 gallons are reported to have contained No. 1, 2 and 4 fuel oil.
USEPA Facility Index System (FINDS) List	October 1999	The FINDS List typically contains "pointers" and information indicating that the site is listed on other database sources within RCRIS. Review of this site listing notes other pertinent environmental site listings to include listings on the Aerometric Information Retrieval System , Facility System (AIRS/FS), Enforcement Docket System (DOCKET), National Compliance Database (NCDB) and Section Seven Tracking System (SSTS).
NYSDEC Spills Information Database (Spills) List	January 2000	The site is listed on the NYSDEC SPILLS three times. The first case, Spill Number 8907474, is associated with a discharge that occurred on October 26, 1989. The spill is reported to be associated with the detection of toluene contamination discovered during the analysis of soil samples obtained from the toluene tank area during closure of the UST. The listing identifies that the NYSDEC was informed of the discharge and that this agency closed the spill case citing that same did not pose an immediate danger to health and the environment; the spill case was closed on August 14, 1990. The listing comments that P&G asserted that the contamination was confined to an upper aquifer situated on top of a limestone layer. The second spill, Spill Number 8605160, occurred on November 28, 1986 and involved the discharge of an unreported amount of an unreported material from a vessel into the Kill Van Kull. A cleanup contractor is reported to have been called to the site and handled the remediation of same. The spill case was closed by the NYSDEC on November 28, 1986. The third spill, Spill Number 8906834, was noted to be associated with a simulated exercise involving P&G, the New York City Police Department and the NYSDEC conducted on October 12, 1989. No actual materials are reported to have been discharged to environmental media. The spill case was closed the same day. As all three of the above spill cases were reported to the NYSDEC, investigated by same and eventually closed by this agency, no site investigation activities appear to be warranted with regard to the spills. Please note, this workplan includes the performance of investigative activities in the area of the former toluene tank.

Notes: Database information is provided in an electronic database search, performed by EDR in May 2000.

Appendix C

HAGER-RICHTER
GEOSCIENCE, INC.

GEOPHYSICAL SURVEY
PROCTOR & GAMBLE
PORT IVORY FACILITY
STATEN ISLAND, NEW YORK

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File 00D59
December, 2000

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Geophysical Survey
Proctor & Gamble Port Ivory Facility
Staten Island, New York
File 00D59 December, 2000

0. EXECUTIVE SUMMARY

Hager-Richter Geoscience, Inc. conducted a geophysical survey at the Proctor & Gamble Port Ivory Facility located on Staten Island, New York for Killam Associates (Killam)in October and November, 2000. The scope of the project and areas of interest were specified by Killam. The geophysical survey is part of a environmental investigation of the site being conducted by Killam on behalf of the Port Authority of New York and New Jersey.

The site is a large inactive industrial facility located in the northwestern portion of Staten Island. The Site consists of several buildings, gravel and paved parking areas, rail spurs, foundations and slabs of demolished buildings, and open areas. Hager-Richter was contracted by Killam to locate utilities in the vicinity of as many as 210 proposed boring locations and to locate possible USTs that may be present at nine locations identified at the Site by Killam. The locations of utilities detected as part of the boring program were marked on site as specified by Killam, and are not discussed further.

According to information provided by Killam, as many as 19 USTs might be present in nine areas of the site, designated by Killam UST Area 1 through UST Area 9. Four of the nine areas may contain multiple USTs, and five areas may contain a single UST.

The objective of the geophysical survey was to detect possible USTs in each of the nine areas of interest specified by Killam, and if any were detected, to determine the locations of each.

The geophysical survey consisted of time domain electromagnetic induction metal detector (EM61) surveys followed by focused GPR surveys in each of the areas of interest. The EM61 data were acquired at approximately 8-inch intervals along profile lines spaced 5 feet apart across the accessible portions of the areas of interest. In order to aid in the identification of the objects, a focused GPR survey was conducted at the locations of anomalies detected with the EM.

The results of the geophysical survey conducted at the Proctor & Gamble Port Ivory Facility can be summarized as follows:

- Several areas of buried metal were detected in the nine areas of interest at the site on the basis of the EM61 data. None of the identified areas of buried metal could be definitively identified as a UST due to the limited GPR signal penetration and/or surface features such as concrete slabs, metal piping, and rail spurs. Whether the buried metal is a UST is present cannot be determined on the basis of the geophysical data alone.

- Several other EM61 anomalies are interpreted as possible utilities.

Geophysical Survey
Proctor & Gamble Port Ivory Facility
Staten Island, New York
File 00D59 December, 2000

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1. Site Plan

APPENDIX

1. EM61 Surveys
2. GPR Surveys

Geophysical Survey
Proctor & Gamble Port Ivory Facility
Staten Island, New York
File 00D59 December, 2000

1. INTRODUCTION

Hager-Richter Geoscience, Inc. conducted a geophysical survey at the Proctor & Gamble Port Ivory Facility located on Staten Island, New York for Killam Associates (Killam) October 25 - November 15, 2000. The scope of the project and areas of interest were specified by Killam. The geophysical survey is part of a environmental investigation of the site being conducted by Killam on behalf of the Port Authority of New York and New Jersey.

The site is a large inactive industrial facility located in the northwestern portion of Staten Island. The general location of the Site is shown in Figure 1, and Plate 1 is a site plan. The Site consists of several buildings, gravel and paved parking areas, rail spurs, foundations and slabs of demolished buildings, and open areas. Hager-Richter was contracted by Killam to locate utilities in the vicinity of as many as 210 proposed boring locations and to locate possible USTs that may be present at nine locations identified at the Site by Killam. The locations of utilities detected as part of the boring program were marked on site as specified by Killam, and are not discussed further.

According to information provided by Killam, as many as 19 USTs might be present in nine areas of the site, designated by Killam as UST Area 1 through UST Area 9. Four of the nine areas may contain multiple USTs, and five areas may contain a single UST. The locations of the nine areas specified by Killam are shown as hatched areas on Plate 1.

The objective of the geophysical survey was to detect possible USTs in each of the nine areas of interest specified by Killam, and if any were detected, to determine the locations of each.

The geophysical survey consisted of time domain electromagnetic induction metal detector (EM61) surveys followed by focused GPR surveys in each of the areas of interest. The EM61 survey detects and outlines areas containing buried metal. However, the EM method cannot provide information on the type of objects causing the EM anomaly. In order to aid in the identification of the objects, a focused GPR survey was conducted at the locations of anomalies detected with the EM61.

James Coffman, Jeffrey Reid, P.G., and Jeffrey Sullivan of Hager-Richter conducted the field operations on October 30, November 8, 9, 14, and 15, 2000. The project was coordinated with Ms. Jennifer Kohlsaat of Killam. Mr. Daniel Davis and Mr. Charles Springer, both of Killam, specified the areas of interest for the survey and were present for portions of the field work.

2. EQUIPMENT AND PROCEDURES

2.1 General

The equipment, limitations, and general procedures of EM61 high sensitivity metal detector and GPR surveys are described below. Details specific to this project are given in the Site Specific section below.

2.2 EM61

Equipment. The EM survey was conducted using a Geonics Model EM61 time domain electromagnetic induction metal detector, the industry standard for this type of geophysical survey. The EM61 produces a pulsed primary magnetic field in the earth that induces eddy currents in the ground and in nearby metal objects. The receiver is timed to measure the secondary magnetic field produced by eddy currents after those in the ground have dissipated, i.e., only the current in the metal objects. The data are recorded on a digital data logger. The EM61 is relatively insensitive to nearby cultural interferences such as buildings.

Limitations of the Method. The data from an EM61 survey are affected by surface metal debris in the survey area, and its depth sensitivity is limited to about 15 feet. The instrument is relatively cumbersome, and works best where the 1-meter square transmit and receive coils can be hand pulled in a small trailer.

Detection and identification should be clearly differentiated. Detection is the recognition of the presence of a metal object, and the electromagnetic method is excellent for such purposes. Identification, on the other hand, is determination of the nature of the causative body (i.e., what is the body -- a cache of drums, UST, automobile, white goods, etc.?). Although the EM61 data cannot be used to *identify* all buried metal objects, they provide excellent guides to the identification of some objects. For example, buried metal utilities produce anomalies with lengths many times their widths.

2.3 GPR

Equipment. The GPR survey was conducted using a Geophysical Survey Systems SIR-2 digital GPR system equipped with a survey wheel to trigger recording of data at equal horizontal distances. The GPR system was used with a 500 MHz antenna and a 60 nsec time window. The GPR traverses were spaced approximately 5 feet apart, and were conducted at the locations of EM61 anomalies.

Limitations of the Method. There are limitations of the GPR technique as used to detect and/or locate targets such as those of the subject Site: (1) surface conditions, (2) electrical conductivity of the ground, (3) contrast of the electrical conductivities of the targets and the ground, and (4) spacing between lines. Of these limitations, only the fourth, line spacing, is controlled by the operator.

The condition of the ground surface can affect the quality of the GPR data and the depth of penetration of the GPR signal. Sites covered with high grass, bushes, landscape structures, debris, obstacles, soil mounds, etc. limit the survey access and the coupling of the GPR antenna with the ground. In many cases, the GPR signal will not penetrate below concrete pavement, especially inside of buildings, and a target may not be detectable.

The electrical conductivity of the ground determines the attenuation of the GPR signals, and thereby limits the maximum depth of exploration. The GPR signal does not penetrate clay-rich soils, and targets buried in clay can be missed.

A definite contrast in the electrical conductivities of the ground and the target is required to obtain a reflection of the GPR signal. If the contrast is too small, possibly due to construction details or extremely corroded conditions of metal targets, then the reflection may be too weak to recognize, and the target can be missed.

The spacing between lines is under control of the GPR operator, and the design of the survey is based on the dimensions of the smallest feature of interest. Targets with dimensions smaller than the spacing between GPR survey lines can be missed.

2.4 Site Specific

As noted in the Introduction, Killam specified nine areas of interest for the geophysical survey. A local survey grid was established in each of the UST survey areas and tied to fixed landmarks.

EM61 data were acquired at approximately 8-inch intervals along lines spaced 5 feet apart in the accessible portions of each area. The EM61 was operated with the 1-meter square transmit/receive coils mounted on a hand-drawn trailer with a survey wheel that measures distance and triggers data collection at equal intervals. The EM61 data were recorded digitally and processed in the field using software provided by the manufacturer. A color contour plot of the data was generated using commercially available software (Geosoft).

A focused GPR survey was conducted at the locations of anomalies detected by the EM61 survey to attempt to identify the causative body(ies). GPR traverses were located along the same

lines as the EM61 survey and spacing was variable based on the size of the EM anomalies and surface conditions. The GPR antenna was pulled by hand for all traverses.

GPR data were acquired with a 300 MHz antenna and a 60 nsec time window. GPR signal penetration varied significantly at the Site. Based on handbook values of time-to-depth conversions for the GPR signal in average soils, the GPR signal penetration is estimated to have varied from about 1 foot to about 5 feet.

3. RESULTS AND DISCUSSION

3.1 General

The geophysical survey consisted of a time domain electromagnetic induction metal detector (EM61) survey followed by a focused GPR survey where the EM61 survey indicated possible buried metal. Plate 1 is a Site Plan provided by Killam showing the locations of the survey areas.

Interpretation of EM61 data is based on the *relative* response (in millivolts) of the top and bottom instrument coils to local conditions. The differential response, the difference between the top and bottom coils, is typically used as the best indication of the location of buried metal objects, and is shown in the figures for this report. The instrument is not calibrated to provide an absolute measure of a particular property, such as the conductivity of the soil or of buried metal objects. Subsurface metal objects produce sharply defined positive anomalies when the EM61 is positioned directly over them. Such anomalies are colored red and pink on the color plots presented herein. Acquiring data at short intervals along closely spaced lines, as was done at the present site, provides high spatial resolution of the location and footprint of the targets. Thus, buried metal is recognized in contour plots of EM61 data by positive anomalies (red or pink zones) roughly corresponding to the dimensions of the buried metal.

Many surface metal objects and objects containing metal are present in the UST survey areas such as manhole covers, railroad tracks, fences, and reinforced concrete. The locations of such objects are shown on the figures for each of the areas. Because these objects contain metal, they can produce significant EM anomalies. The presence or absence of buried metal in these areas cannot be determined due to the anomalies caused by such surface objects.

In general, GPR signal penetration at the site was limited, with reflections received for less than about 30 nsec. The limited signal penetration is likely due to conductive soils, and in many places, concrete at the surface. Based on handbook time-to-depth conversions for the GPR signal in average soils, the GPR signal penetration is estimated to have been no more than about 2 to 3 feet for most of the areas of interest.

3.2 UST Area 1

UST Area 1 is located on the north side of Building 20, and its location is shown on Plate 1. EM61 data were acquired along survey lines spaced 5 feet apart, and GPR data were acquired at most locations where the EM data indicated the presence of buried metal. Figure 2 is a color contour plot of the EM61 data for UST Area 1, and Figure 3 shows the locations of the GPR traverses and the

interpretation of both the EM61 and GPR data. Five areas of possible buried metal were detected within the survey area, and their locations are shown on Figure 3. GPR traverses were conducted in the central portion of the area. GPR signal penetration was limited to less than 2 feet. Therefore, no additional information regarding the causative bodies was determined for this area with the GPR traverse.

Based on the shapes and sizes of the EM anomalies for UST Area 1, we infer that a utility and several other buried objects are present. Whether the objects are USTs cannot be determined on the basis of the geophysical data alone. If any of the buried metal objects is a UST, its capacity is likely 1000 gallons or less.

3.3 UST Area 2

UST Area 2 is located south of a wood shavings stockpile area, and its location is shown on Plate 1. EM61 data were acquired along survey lines spaced 5 feet apart, and GPR data were acquired at most locations where the EM data indicated the presence of buried metal. Figure 4 is a color contour plot of the EM61 data for UST Area 2, and Figure 5 shows the locations of the GPR traverses and the interpretation of both the EM61 and GPR data. One area of possible buried metal was detected within the survey area. The area is located about 35 feet south of a concrete pad. GPR traverses were conducted over the location of the EM anomaly. GPR signal penetration is estimated to have been about 4 to 5 feet for this area, but GPR reflections typical of a UST were not detected in the area included in the GPR survey.

Based on the presence of the EM anomaly in UST Area 2, we infer that a buried metal object is present. Whether the object is a UST cannot be determined on the basis of the geophysical data alone. Because no GPR reflections typical of a UST were observed in the records for the effective depth of penetration of the GPR signal (about 5 feet), and the EM anomaly is small in amplitude, we conclude that if a UST is present, it would likely be located at a depth greater than 5 feet.

3.4 UST Area 3

UST Area 3 is located north of the northeast corner of Building 13, and its location is shown on Plate 1. EM61 data were acquired along survey lines spaced 5 feet apart, and GPR data were acquired at most locations where the EM data indicated the presence of buried metal. Figure 6 is a color contour plot of the EM61 data for UST Area 3, and Figure 7 shows the locations of the GPR traverses and the interpretation of both the EM61 and GPR data. Two areas of possible buried metal were detected within the survey area as well as a possible utility. One buried metal object is located about 25 feet east of a trailer, the other is located about 60 feet east of the trailer, and the locations of both are shown on Figure 7.

GPR signal penetration is estimated to have been about 2 to 3 feet for this area. GPR reflections typical of a UST were not detected in the area included in the GPR survey. GPR reflections typical of a flat structure, such as a concrete pad, are present at the location of the southern end of the EM anomaly closer to the trailer.

Based on the presence of the EM anomalies in UST Area 2, we infer that two buried metal objects are present. The GPR data indicate that at least part of one of the EM anomalies may be related to a flat concrete-like structure. Whether the concrete object is a UST cannot be determined on the basis of the geophysical data alone.

3.5 UST Area 4

UST Area 4 is located west of Buildings 34 and 38 and north of a former floor slab for a demolished building, and its location is shown on Plate 1. EM61 data were acquired along survey lines spaced 5 feet apart, and GPR data were acquired at most locations where the EM data indicated the presence of buried metal. Figure 8 is a color contour plot of the EM61 data for UST Area 4, and Figure 9 shows the locations of the GPR traverses and the interpretation of both the EM61 and GPR data.

The western portion of the survey area is covered by a concrete pad. Three significant EM anomalies are present in this portion of the survey area and one large EM anomaly is present along the southeast edge of the survey area. The areas of the EM anomalies are shown as areas of buried metal on Figure 9. The large EM anomalies may be caused by structures located under the concrete slab. The GPR signal penetration over the concrete slab is limited to less than about 1 foot and GPR reflections typical of USTs were not detected. Whether USTs are located under the slab cannot be determined on the basis of the geophysical data alone. The remaining portion of UST Area 4 is generally free of buried metal.

3.6 UST Area 5

UST Area 5 is located along a rail spur southwest of Building 17, and its location is shown on Plate 1. EM61 data were acquired along survey lines spaced 5 feet apart, and GPR data were acquired at most locations where the EM data indicated the presence of buried metal. Figure 10 is a color contour plot of the EM61 data for UST Area 5, and Figure 11 shows the locations of the GPR traverses and the interpretation of both the EM61 and GPR data. Two rail spurs and a reinforced concrete surface drainage swale are present in the area. High amplitude EM anomalies are present near the concrete drainage swale and low amplitude negative EM anomalies are observed for the rail spurs.

GPR traverses were conducted in the northwest corner of the survey area, but the GPR signal penetration was limited to less than about 1 foot and no GPR reflection typical for a UST were detected.

3.7 UST Area 6

UST Area 6 is located along a rail spur west of Building 17, and its location is shown on Plate 1. EM61 data were acquired along survey lines spaced 5 feet apart, and GPR data were acquired at most locations where the EM data indicated the presence of buried metal. Figure 12 is a color contour plot of the EM61 data for UST Area 6, and Figure 13 shows the locations of the GPR traverses and the interpretation of both the EM61 and GPR data. A rail spur and iron rimmed surface drain are present along the east side of the survey area.

Five EM anomalies not related to the surface features were identified, and their locations are shown on Figure 13. The two large circular anomalies located in the northeast portion of the survey area are likely caused by buried concrete. A small portion of a slab was visible on site and its presence was confirmed with the GPR. The remaining three anomalies are low amplitude and small in extent and are likely too small to be caused by USTs.

3.8 UST Area 7

UST Area 7 is located south of Building S-#35, and its location is shown on Plate 1. EM61 data were acquired along survey lines spaced 5 feet apart, and GPR data were acquired at most locations where the EM data indicated the presence of buried metal. Figure 14 is a color contour plot of the EM61 data for UST Area 7, and Figure 15 shows the locations of the GPR traverses and the interpretation of both the EM61 and GPR data. Surface objects such as a rail spur, a concrete loading dock, a steel plate, transformers, and a tower are present in the survey area. The EM data were adversely affected at such locations.

Four EM anomalies not related to the surface features were identified, and their locations are shown on Figure 15. A large EM anomaly is present in the central portion of the survey area. The GPR data for the area of the large anomaly indicate the presence of a shallow buried reinforced concrete slab or structure at a depth of about 1 foot in the southern part of the anomaly. GPR records for the traverses conducted in the vicinity of the remaining anomalies contain no reflections characteristic of USTs. Such areas are shown as areas of buried metal. Whether the buried metal objects are USTs cannot be determined on the basis of the geophysical data alone.

3.9 UST Area 8

UST Area 8 is located at the northeast corner of Building 55, and its location is shown on Plate 1. EM61 data were acquired along survey lines spaced 5 feet apart, and GPR data were acquired at most locations where the EM data indicated the presence of buried metal. Figure 16 is a color contour plot of the EM61 data for UST Area 8, and Figure 17 shows the locations of the GPR traverses and the interpretation of both the EM61 and GPR data. Surface objects such as a concrete pad and vertical pipes cut at grade are present in the survey area and such objects are shown on Figure 17.

Three anomalies attributed to buried metal objects were identified by the EM survey and their locations are shown on Figure 17. EM anomalies attributed to subsurface utilities were also identified. GPR signal penetration in the areas of the EM anomalies was limited to a depth of about 1 foot and no GPR reflections typical of a UST were detected. Therefore, no information regarding the causative bodies could be determined. Whether the buried metal objects are USTs cannot be determined on the basis of the geophysical data alone.

3.10 UST Area 9

UST Area 9 is located between Buildings 52 and 53, and its location is shown on Plate 1. EM61 data were acquired along survey lines spaced 5 feet apart, and GPR data were acquired at most locations where the EM data indicated the presence of buried metal. Figure 18 is a color contour plot of the EM61 data for UST Area 9, and Figure 19 shows the locations of the GPR traverses and the interpretation of both the EM61 and GPR data.

Several surface metal objects, such as valve box covers, transformers, and overhead pipes are present in the survey area. Four 4-inch pipes, cut at the surface, are present in the southeast corner of the survey area. Significant EM anomalies are present at the locations of the surface features and may mask the presence of buried metal objects, if any, at such locations.

Three anomalies not associated with surface metal were identified by the EM survey. These anomalies have been attributed to buried metal objects. GPR signal penetration in the areas of the EM anomalies was limited to a depth of about 1 foot and no GPR reflections typical of a UST were detected. Therefore, no information regarding the causative bodies could be determined. Whether the buried metal objects are USTs cannot be determined on the basis of the geophysical data alone.

4. CONCLUSIONS

Based on the geophysical survey conducted at the Proctor & Gamble Port Ivory Facility located on Staten Island, New York, we conclude:

- Several areas of buried metal were detected in the nine areas of interest at the site on the basis of the EM61 data. None of the identified areas of buried metal could be definitively identified as a UST due to the limited GPR signal penetration and/or surface features such as concrete slabs, metal piping, and rail spurs. Whether the buried metal is a UST is present cannot be determined on the basis of the geophysical data alone.

- Several other EM61 anomalies are interpreted as possible utilities.

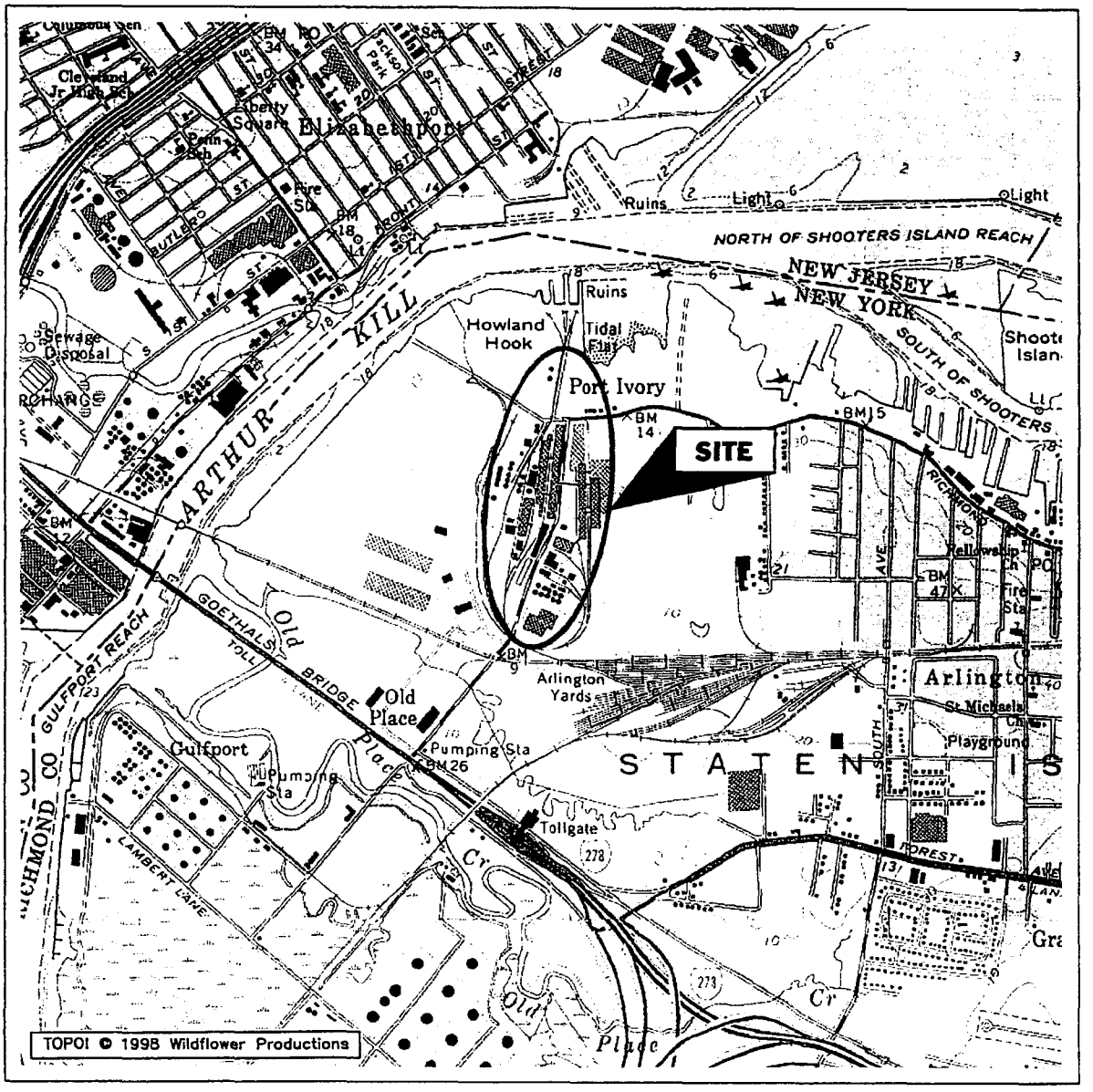
5. LIMITATIONS

This letter report was prepared for the exclusive use of Killam Associates and the Port Authority of New York and New Jersey (Client). No other party shall be entitled to rely on this Report or any information, documents, records, data, interpretations, advice or opinions given to Client by Hager-Richter Geoscience, Inc. (H-R) in the performance of its work. The Report relates solely to the specific project for which H-R has been retained and shall not be used or relied upon by Client or any third party for any variation or extension of this project, any other project or any other purpose without the express written permission of H-R. Any unpermitted use by Client or any third party shall be at Client's or such third party's own risk and without any liability to H-R.

H-R has used reasonable care, skill, competence and judgment in the performance of its services for this project consistent with professional standards for those providing similar services at the same time, in the same locale, and under like circumstances. Unless otherwise stated, the work performed by H-R should be understood to be exploratory and interpretational in character and any results, findings or recommendations contained in this Report or resulting from the work proposed may include decisions which are judgmental in nature and not necessarily based solely on pure science or engineering. It should be noted that our conclusions might be modified if subsurface conditions were better delineated with additional subsurface exploration including, but not limited to, test pits, soil borings with collection of soil and water samples, and laboratory testing.

The detection of subsurface utilities and/or other subsurface objects was not an objective of this portion of the geophysical survey, and the survey was not designed to detect such. However, some utilities and/or other subsurface objects were detected and their locations are provided as a courtesy. Other utilities and/or other subsurface objects may be present and the Client or any third party shall not rely on this report for information on such.

Except as expressly provided in this limitations section, H-R makes no other representation or warranty of any kind whatsoever, oral or written, expressed or implied; and all implied warranties of merchantability and fitness for a particular purpose, are hereby disclaimed.





LOCATION

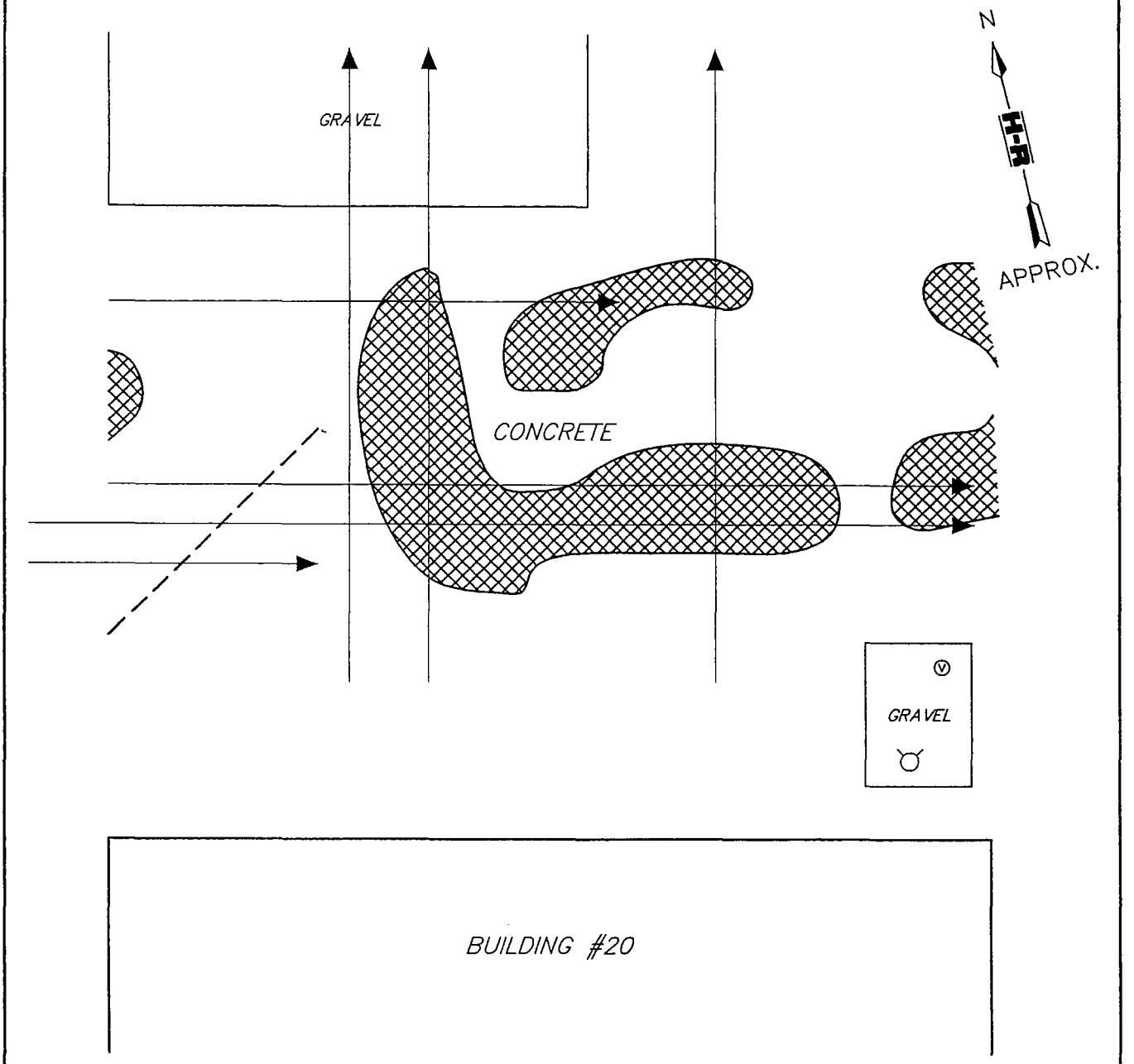
SCALE (feet)

0 2000 4000

Figure 1
General Site Location
Procter & Gamble Port Ivory Facility
Staten Island, New York

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Salem, New Hampshire



LEGEND

- GPR TRAVERSE
- AREA OF POSSIBLE BURIED METAL
- POSSIBLE UTILITY
- WATER VALVE
- HYDRANT

SCALE (feet)

0 10 20

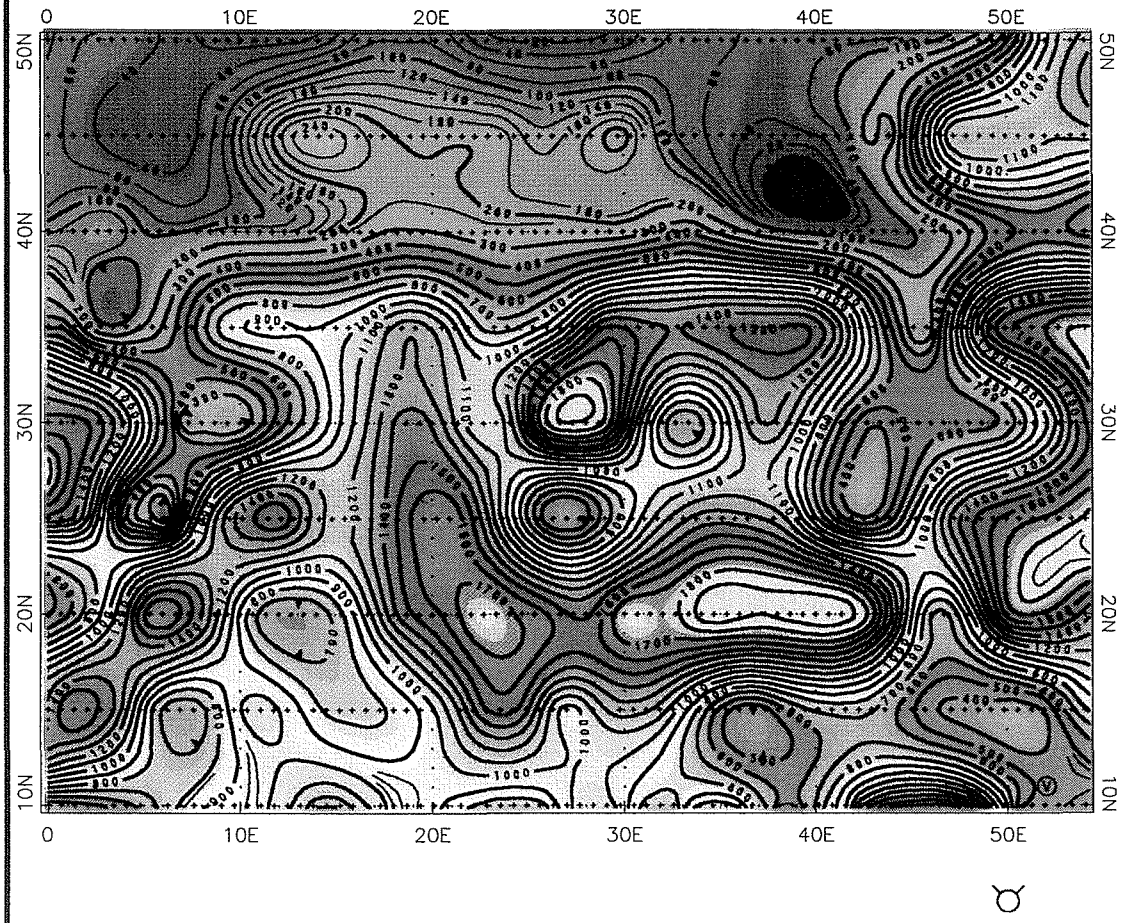
NOTES:

1. Site sketch generated from field notes.
2. Concrete covers survey area except for the areas shown as gravel-covered.

Figure 3
GPR Survey & Integrated Interpretation – UST Area 1
Procter & Gamble Port Ivory Facility
Staten Island, New York

File 00D59	December, 2000

HAGER-RICHTER GEOSCIENCE, INC.
Salem, New Hampshire



BUILDING #20

NOTES:

1. Site sketch generated from field notes.
2. Contour Interval = 20 mV.

LEGEND

- EM DATA STATION
- WATER VALVE
- HYDRANT

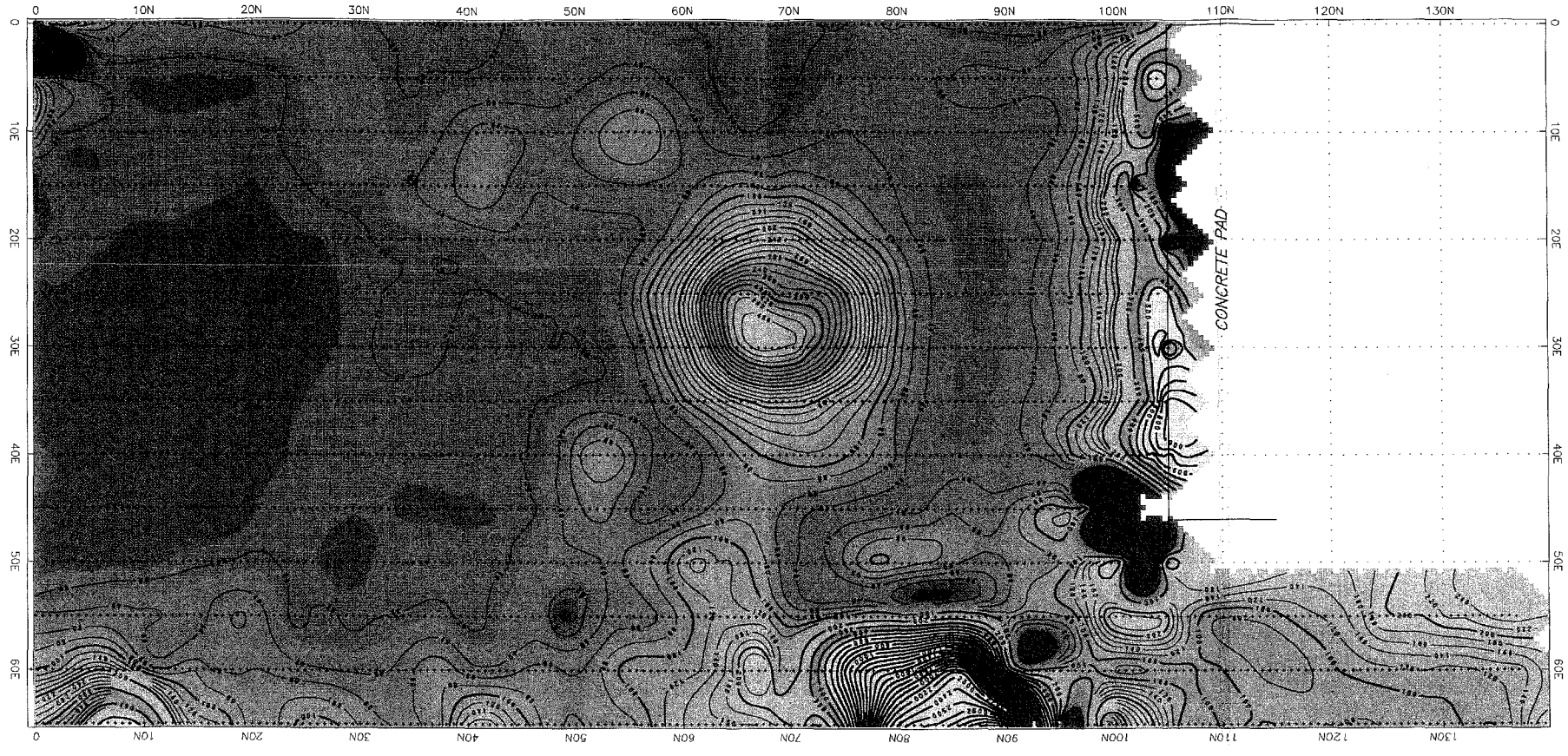
SCALE (feet)

0 10 20

Figure 2
EM61 Survey – UST Area 1
Procter & Gamble Port Ivory Facility
Staten Island, New York

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Salem, New Hampshire



LEGEND

- EM DATA STATION
- WATER VALVE
- MONITORING WELL

SCALE (feet)

0 10 20

APPROX. N

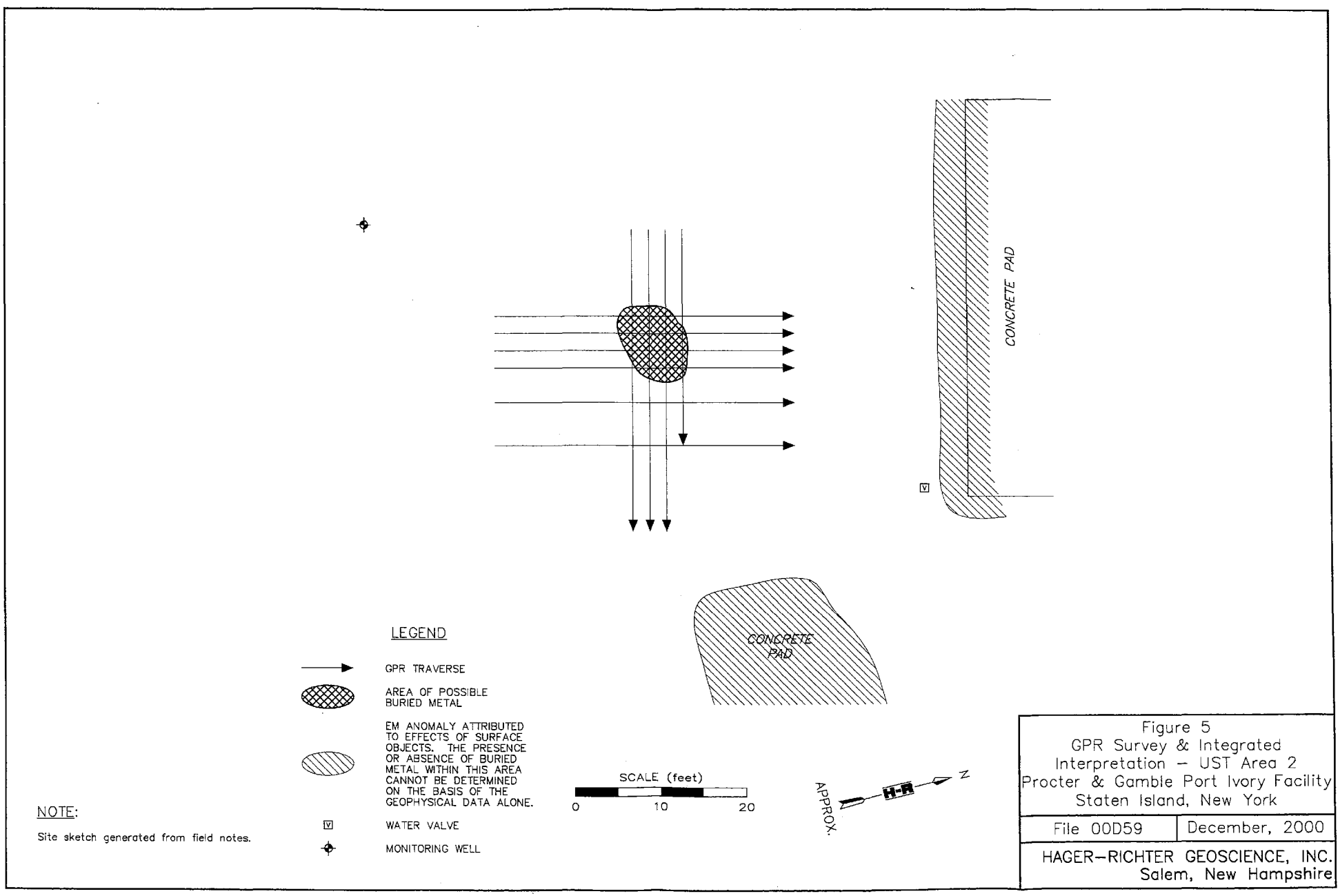
NOTES:

1. Site sketch generated from field notes.
2. Contour Interval = 20 mV.

Figure 4
EM61 Survey - UST Area 2
Procter & Gamble Port Ivory Facility
Staten Island, New York

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Salem, New Hampshire



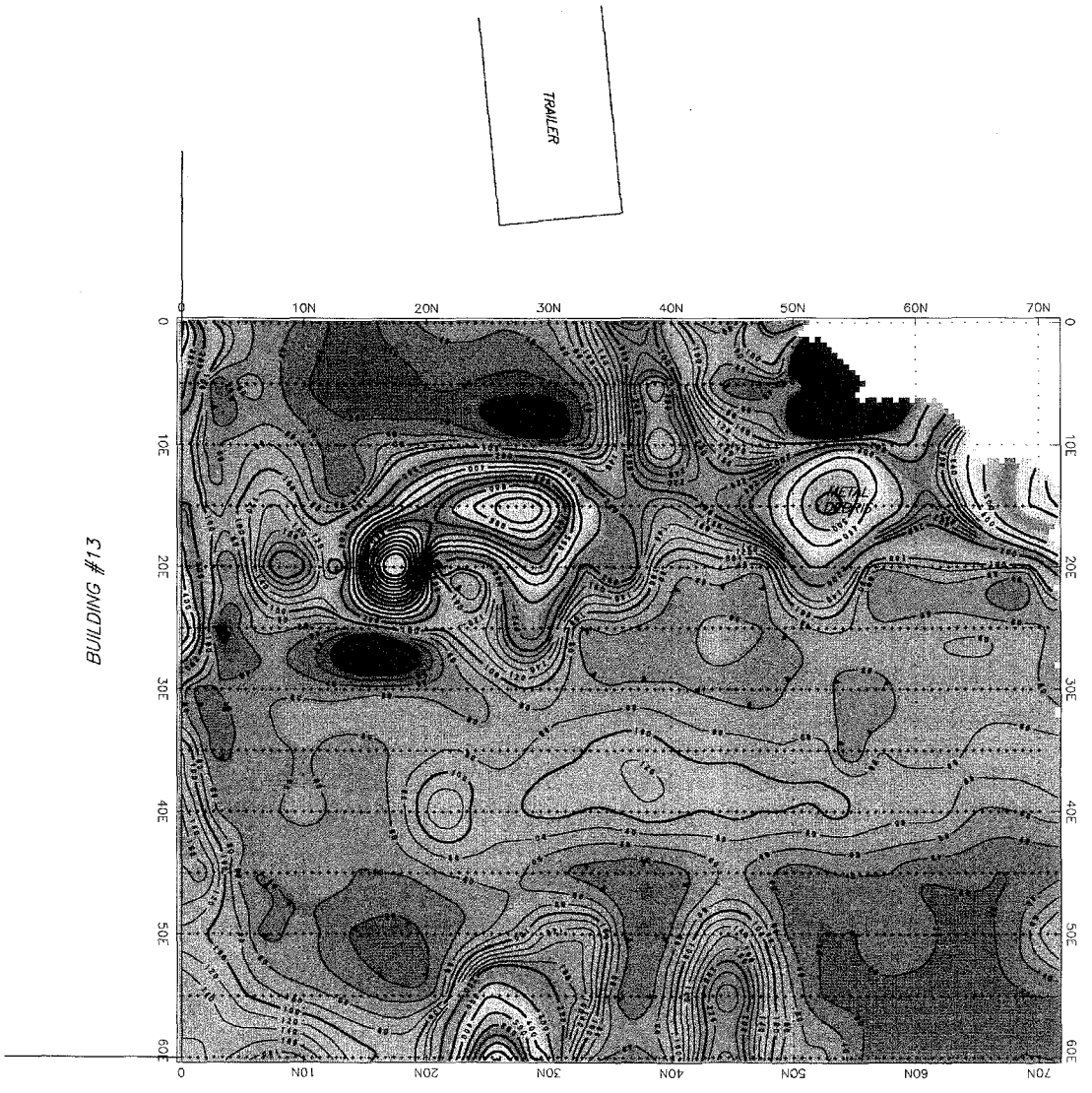
NOTE:

Site sketch generated from field notes.

Figure 5
GPR Survey & Integrated Interpretation – UST Area 2
Procter & Gamble Port Ivory Facility
Staten Island, New York

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APPROX. N

LEGEND

· EM DATA STATION

SCALE (feet)

0 10 20

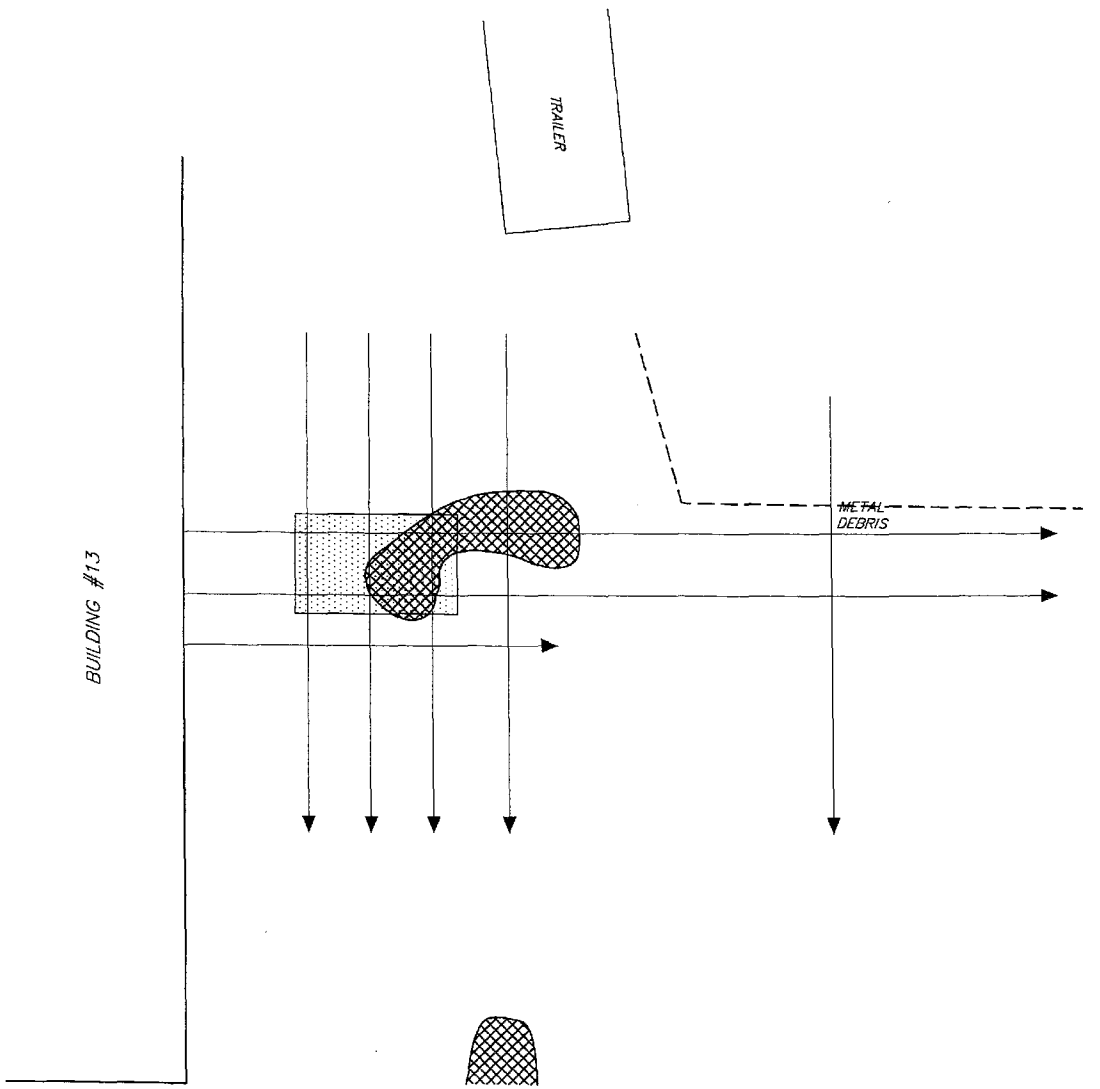
NOTES:

1. Site sketch generated from field notes.
2. Contour Interval = 20 mV.

Figure 6
EM61 Survey - UST Area 3
Procter & Gamble Port Ivory Facility
Staten Island, New York

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Salem, New Hampshire



APPROX. N

LEGEND

- GPR TRAVERSE
- AREA OF POSSIBLE BURIED METAL
- POSSIBLE STRUCTURE
- POSSIBLE UTILITY

SCALE (feet)

0 10 20

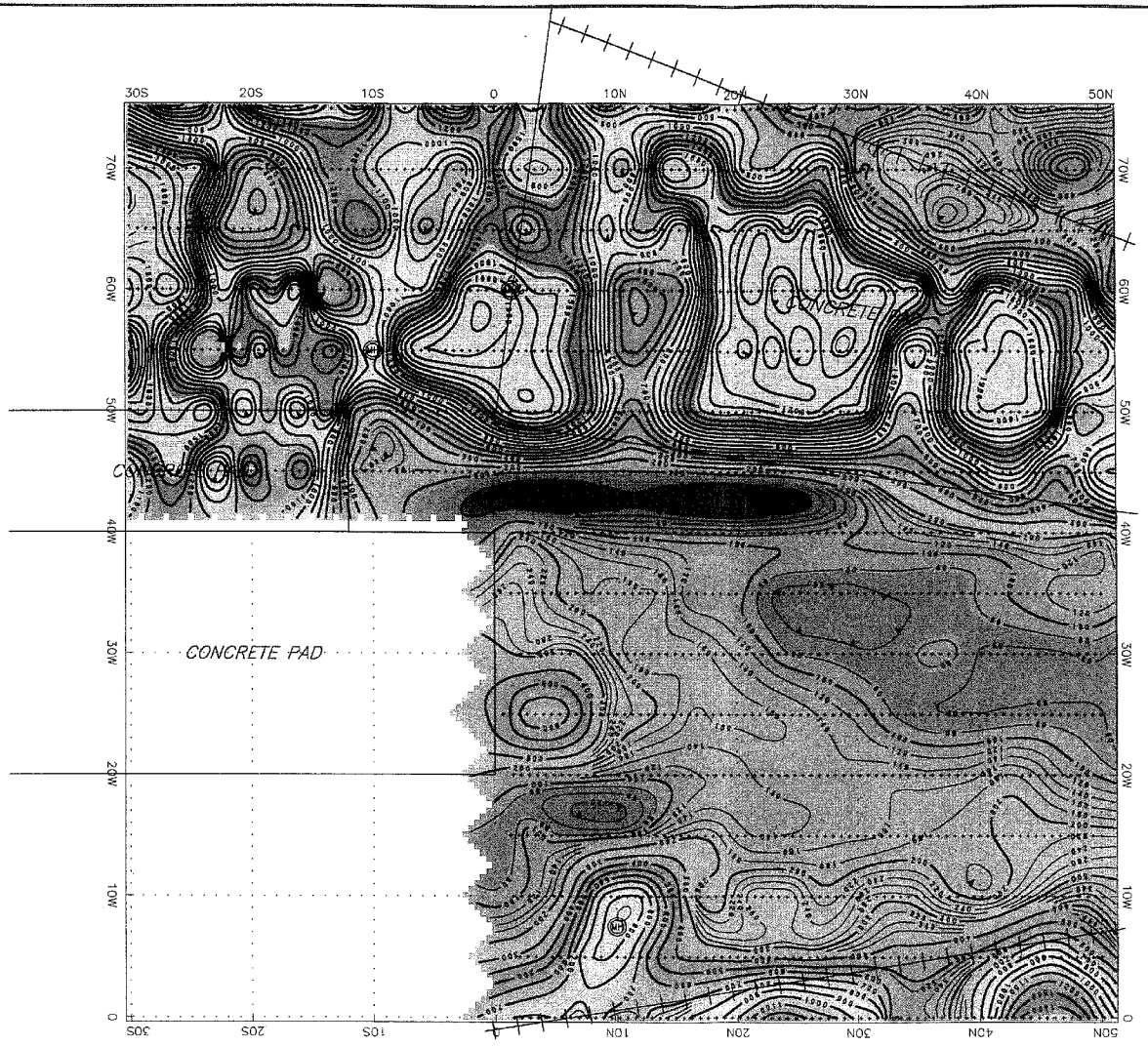
NOTE:

Site sketch generated from field notes.

Figure 7
GPR Survey & Integrated Interpretation – UST Area 3
Procter & Gamble Port Ivory Facility
Staten Island, New York

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APPROX. H-R N

LEGEND

- EM DATA STATION
- MANHOLE
- RAILROAD TRACK

SCALE (feet)

0 10 20

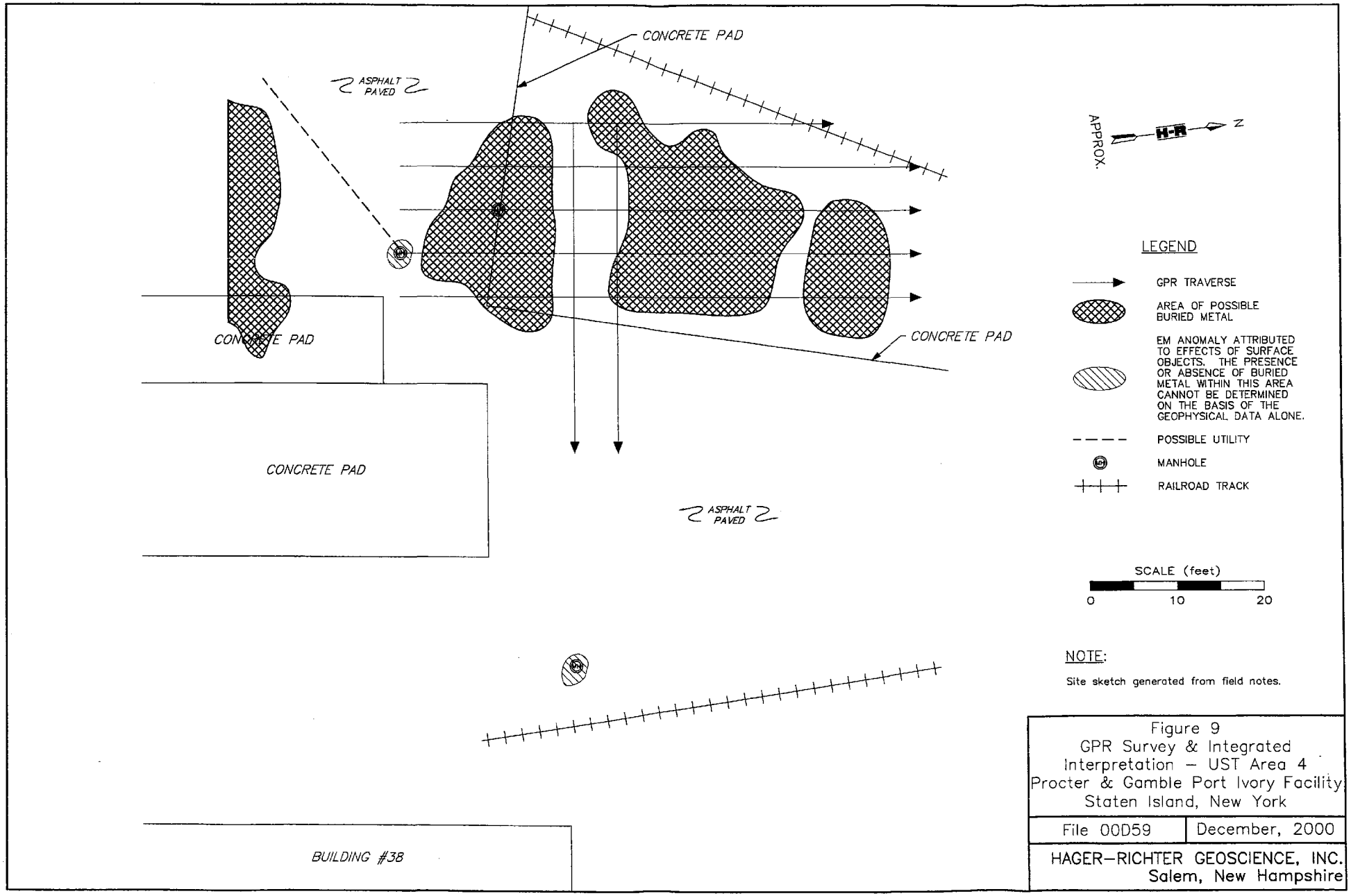
NOTES:

1. Site sketch generated from field notes.
2. Contour Interval = 20 mV.

Figure 8
EM61 Survey - UST Area 4
Procter & Gamble Port Ivory Facility
Staten Island, New York

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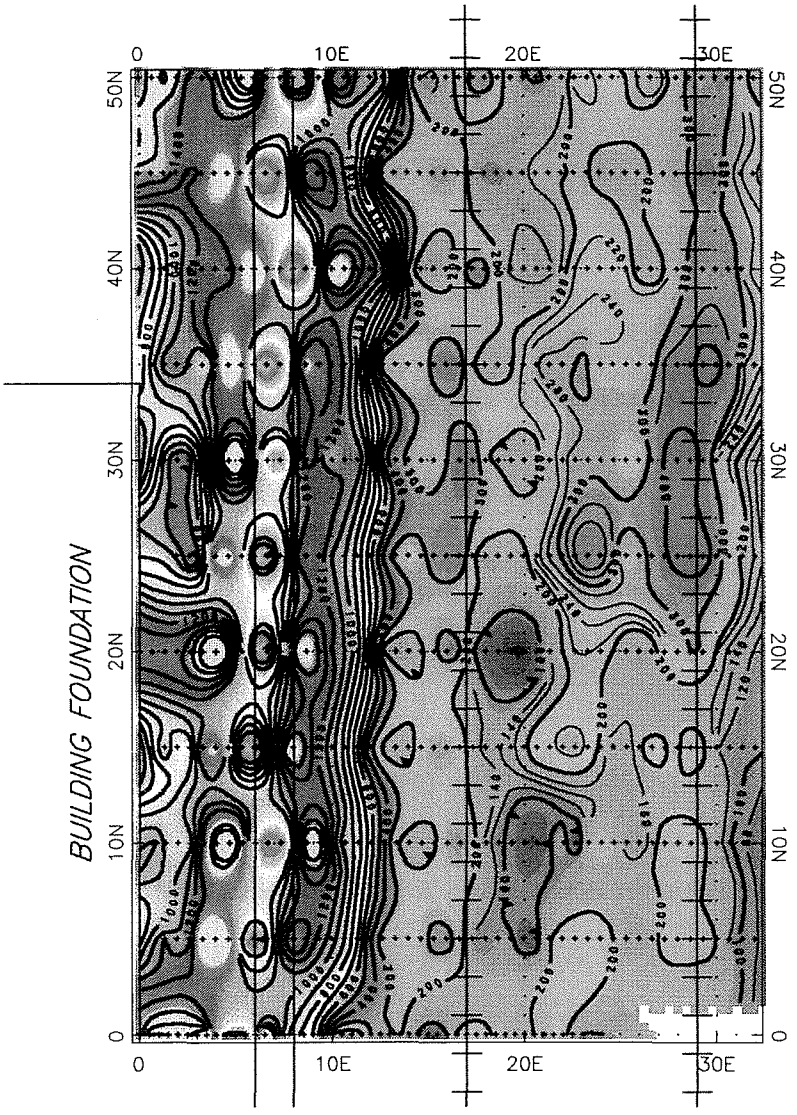
NOTE:

Site sketch generated from field notes.

Figure 9
GPR Survey & Integrated Interpretation – UST Area 4
Procter & Gamble Port Ivory Facility
Staten Island, New York

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N

APPROX.

NOTES:

1. Site sketch generated from field notes.
2. Contour Interval = 20 mV.

LEGEND

EM DATA STATION

RAILROAD TRACK

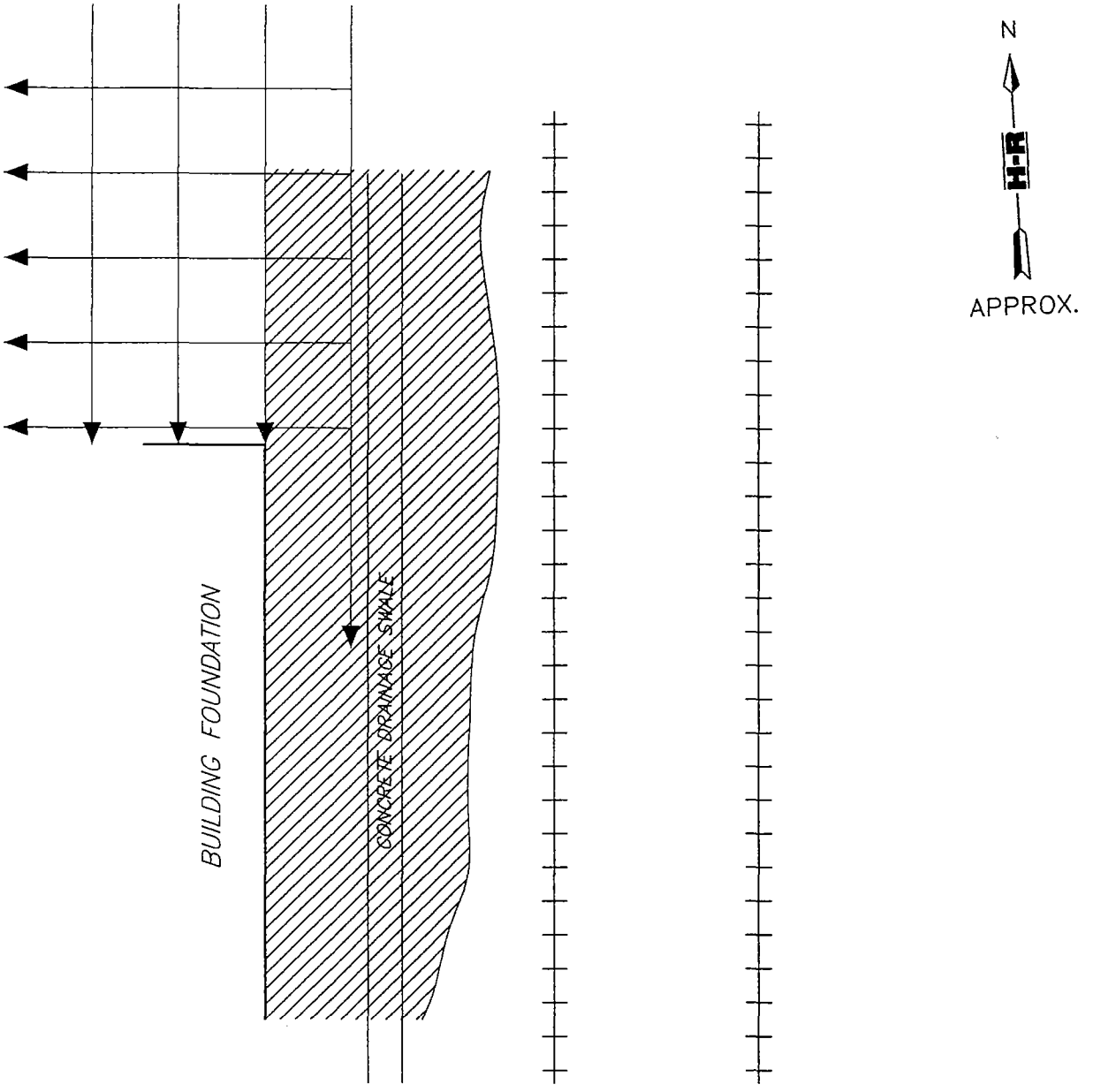
SCALE (feet)

0 10 20

Figure 10
EM61 Survey – UST Area 5
Procter & Gamble Port Ivory Facility
Staten Island, New York

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LEGEND

GPR TRAVERSE

EM ANOMALY ATTRIBUTED TO EFFECTS OF SURFACE OBJECTS. THE PRESENCE OR ABSENCE OF BURIED METAL WITHIN THIS AREA CANNOT BE DETERMINED ON THE BASIS OF THE GEOPHYSICAL DATA ALONE.

RAILROAD TRACK

SCALE (feet)

0 10 20

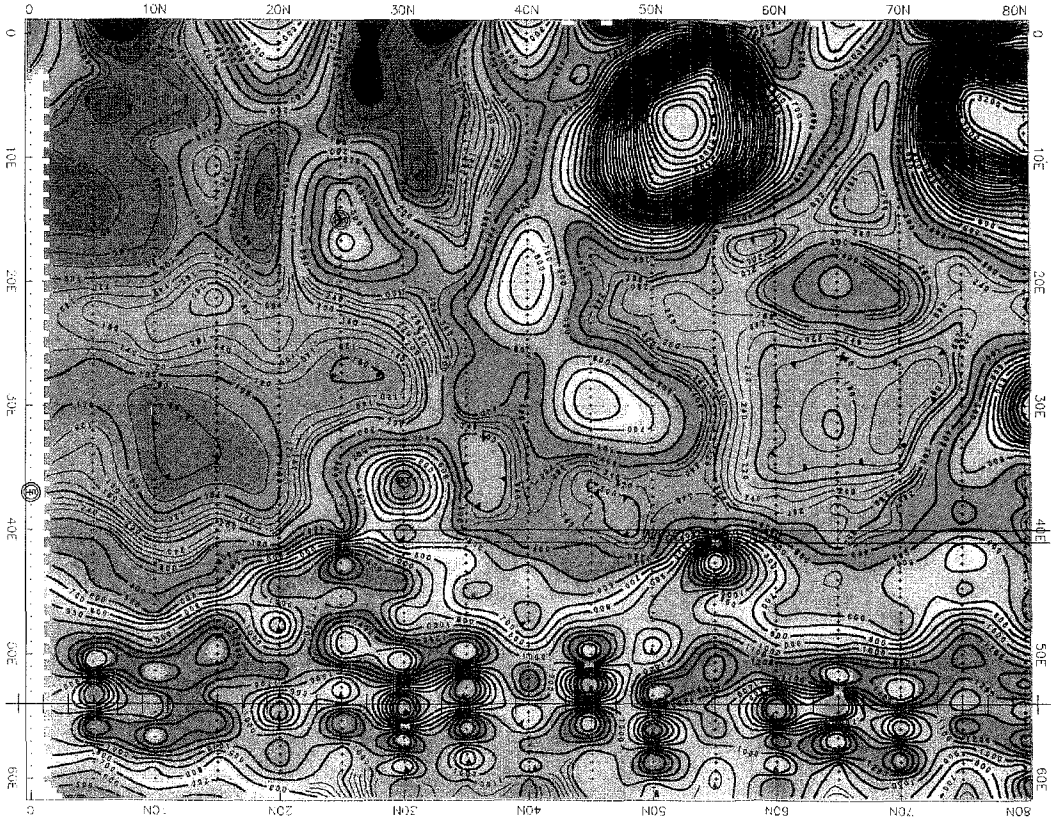
NOTE:

Site sketch generated from field notes.

Figure 11
GPR Survey & Integrated Interpretation – UST Area 5
Procter & Gamble Port Ivory Facility
Staten Island, New York

File 00D59 | December, 2000

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Salem, New Hampshire



APPROX.

H-R

N

LEGEND

- EM DATA STATION
- MANHOLE
- CATCH BASIN
- RAILROAD TRACK

SCALE (feet)

0 10 20

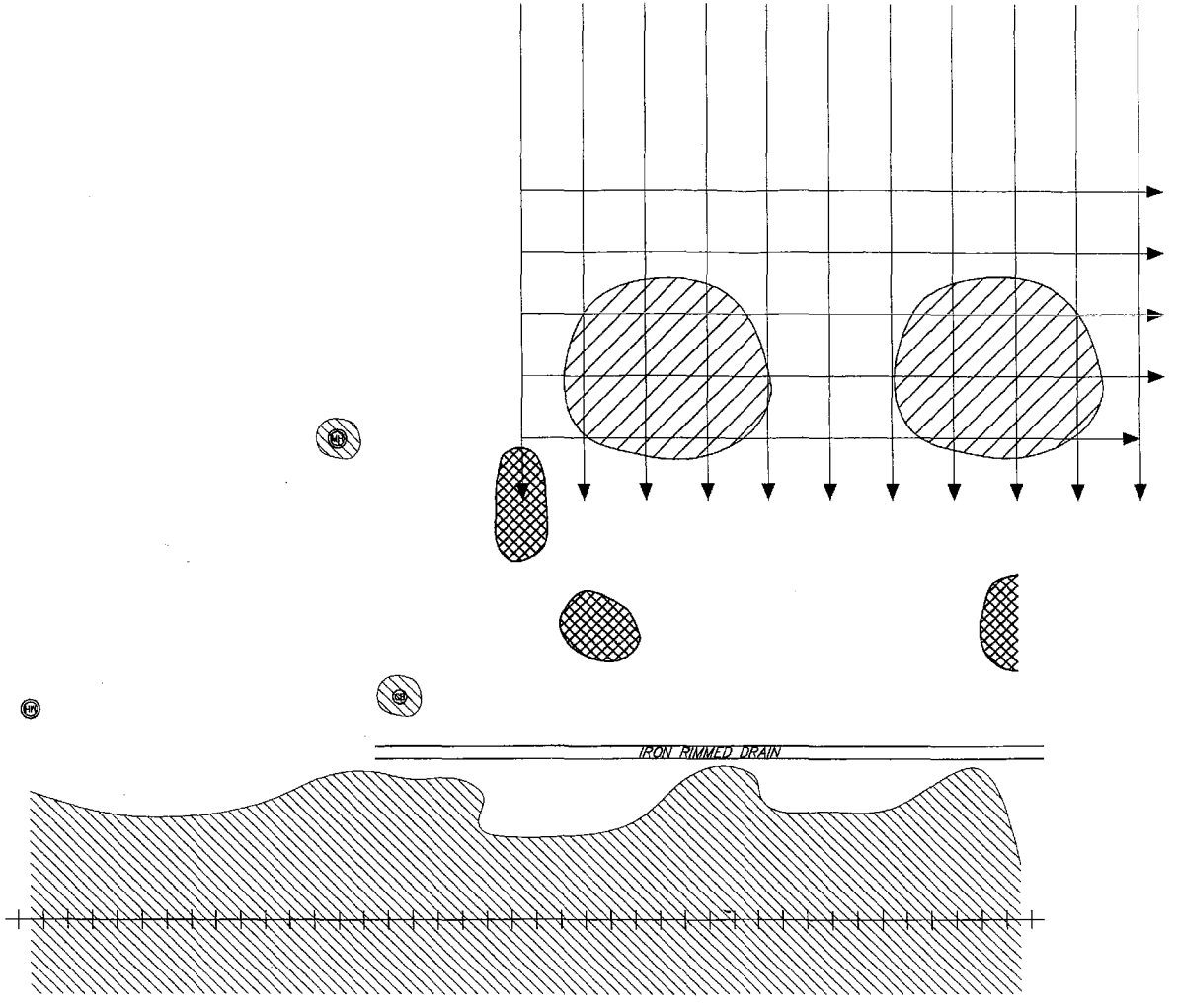
NOTES:

1. Site sketch generated from field notes.
2. Contour Interval = 20 mV.

Figure 12
EM61 Survey - UST Area 6
Procter & Gamble Port Ivory Facility
Staten Island, New York

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Salem, New Hampshire



APPROX. N

LEGEND

- GPR TRAVERSE
- AREA OF POSSIBLE BURIED METAL
- EM ANOMALY ATTRIBUTED TO EFFECTS OF SURFACE OBJECTS. THE PRESENCE OR ABSENCE OF BURIED METAL WITHIN THIS AREA CANNOT BE DETERMINED ON THE BASIS OF THE GEOPHYSICAL DATA ALONE.
- POSSIBLE BURIED CONCRETE
- MANHOLE
- CATCH BASIN
- RAILROAD TRACK

SCALE (feet)

0 10 20

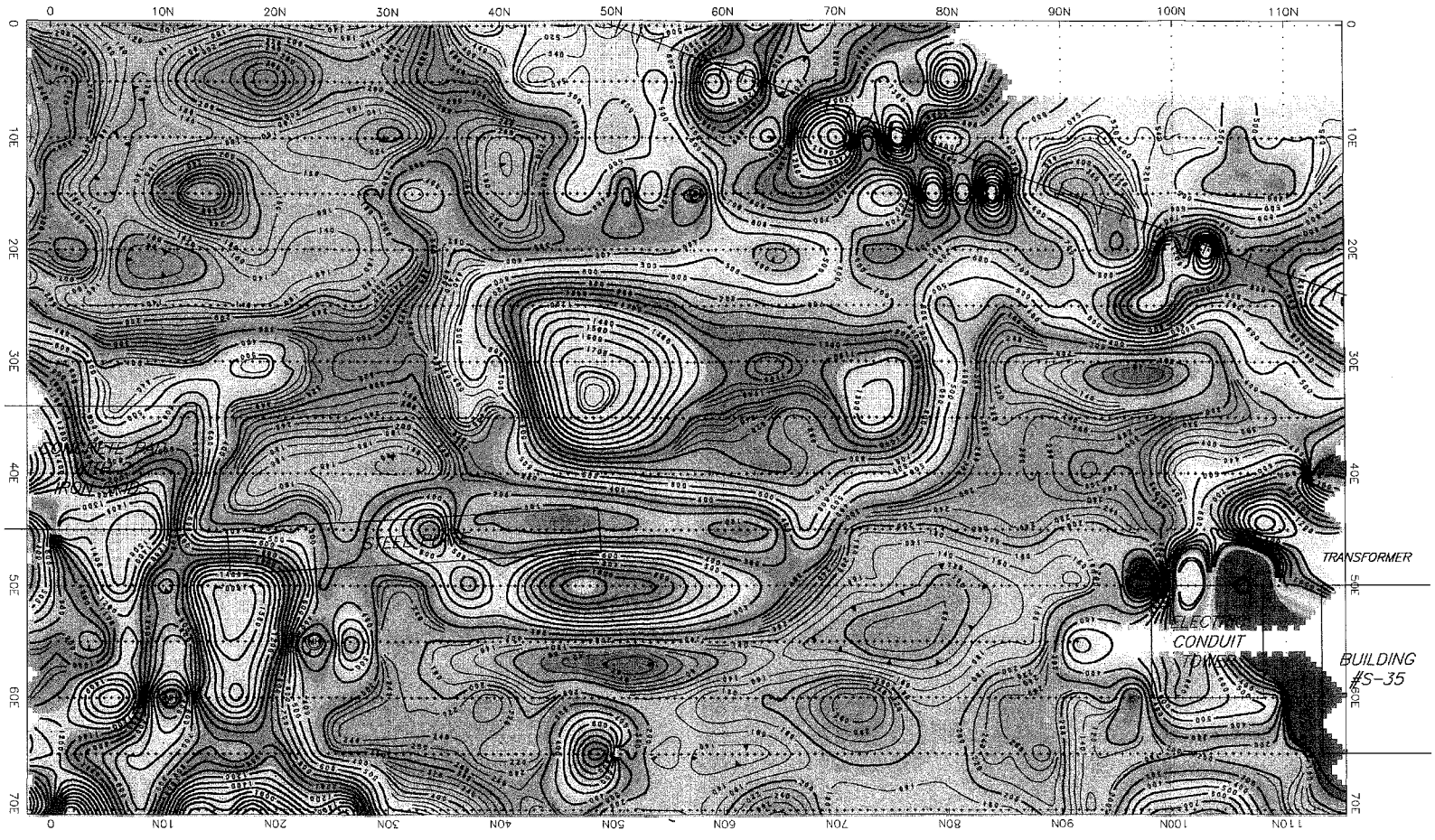
NOTE:

Site sketch generated from field notes.

Figure 13
GPR Survey & Integrated Interpretation – UST Area 6
Procter & Gamble Port Ivory Facility
Staten Island, New York

File 00D59 | December, 2000

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Salem, New Hampshire



LEGEND

- EM DATA STATION
- MANHOLE
- HYDRANT
- RAILROAD TRACK

SCALE (feet)

0 10 20

APPROX. N

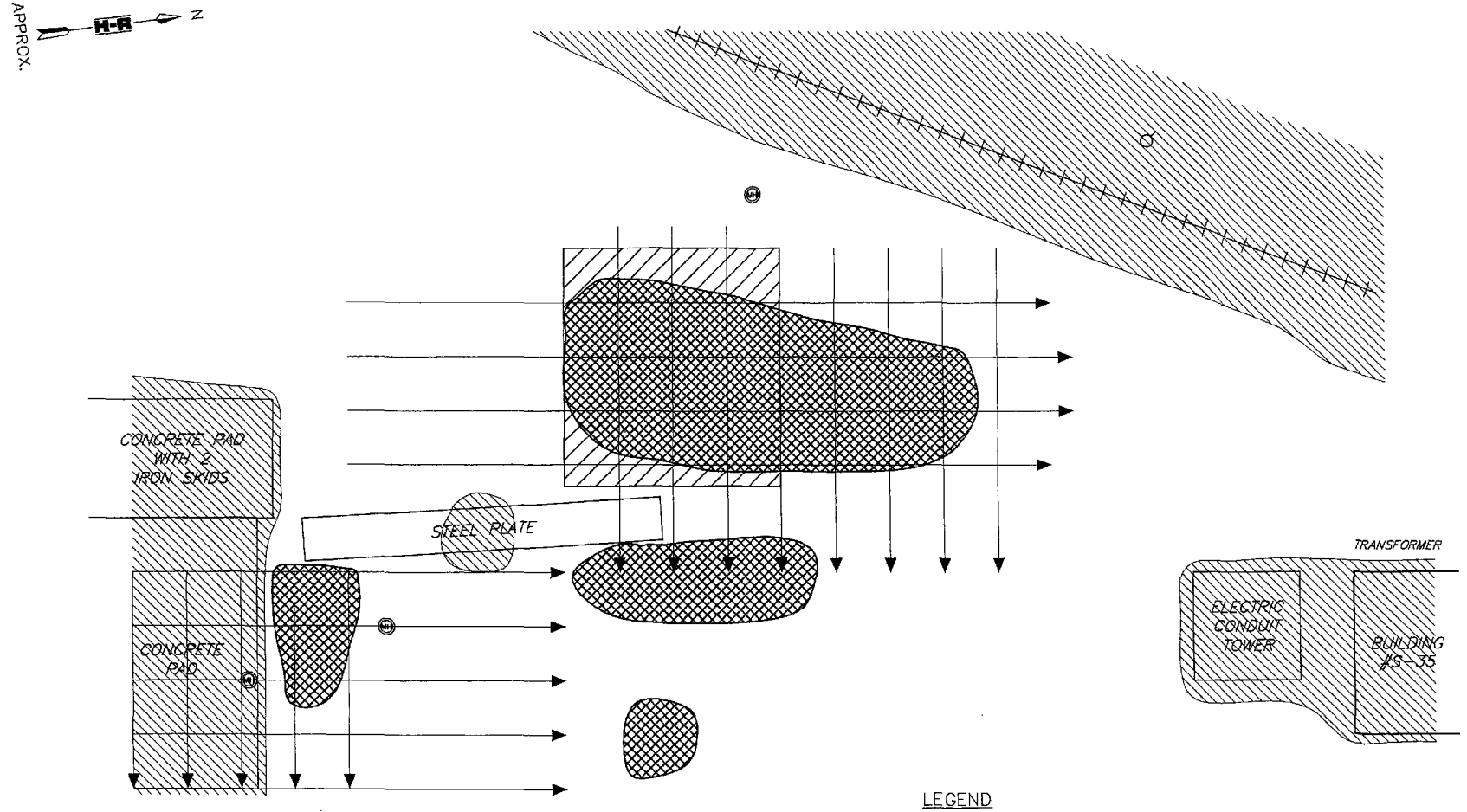
NOTES:

1. Site sketch generated from field notes.
2. Contour Interval = 20 mV.

Figure 14
EM61 Survey – UST Area 7
Procter & Gamble Port Ivory Facility
Staten Island, New York

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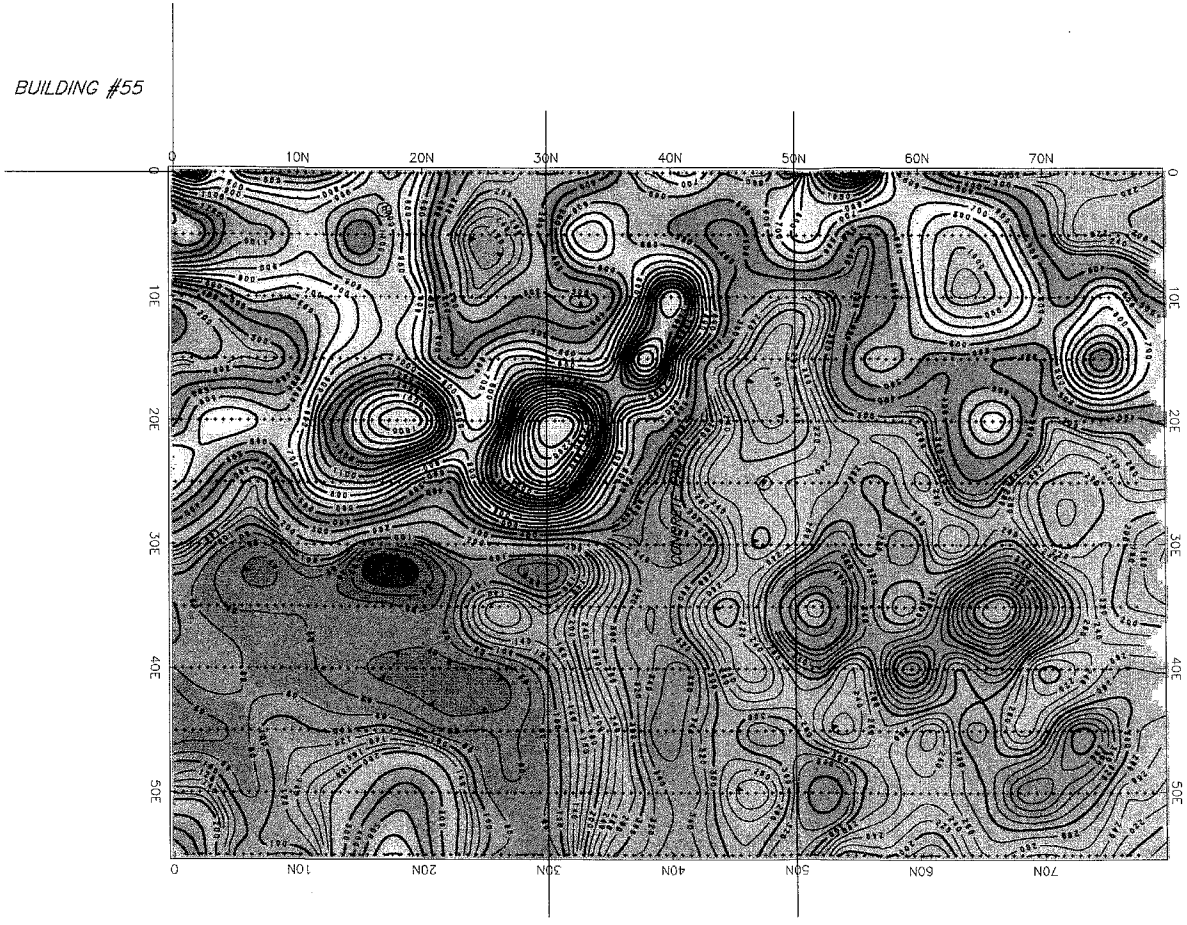
NOTE:

Site sketch generated from field notes.

Figure 15
GPR Survey & Integrated Interpretation – UST Area 7
Procter & Gamble Port Ivory Facility
Staten Island, New York

File 00D59 | December, 2000

HAGER–RICHTER GEOSCIENCE, INC.
Salem, New Hampshire



APPROX. N

LEGEND

- EM DATA STATION
- P PIPE

SCALE (feet)

0 10 20

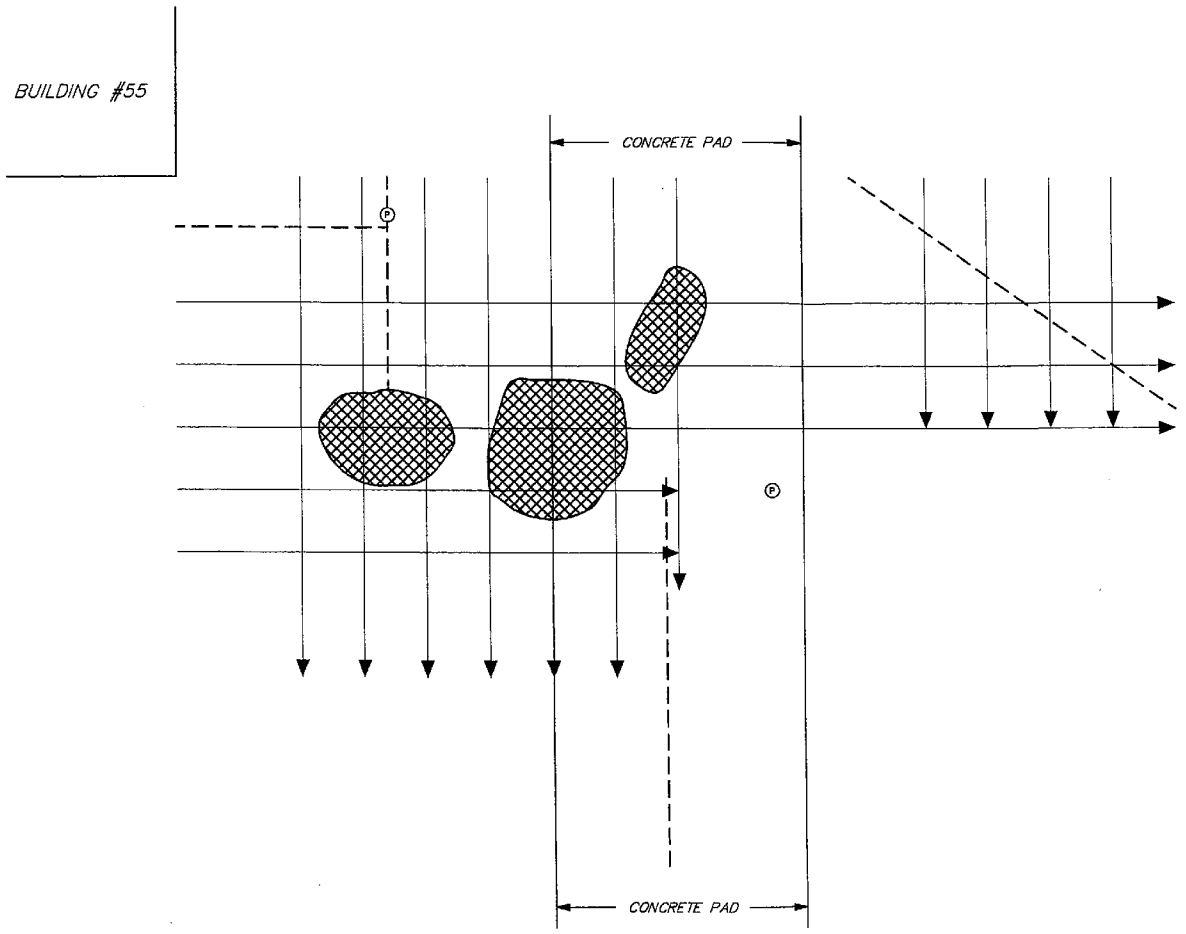
NOTES:

1. Site sketch generated from field notes.
2. Contour interval = 20 mV.

Figure 16
EM61 Survey - UST Area 8
Procter & Gamble Port Ivory Facility
Staten Island, New York

File 00D59 | December, 2000

HAGER-RICHTER GEOSCIENCE, INC.
Salem, New Hampshire



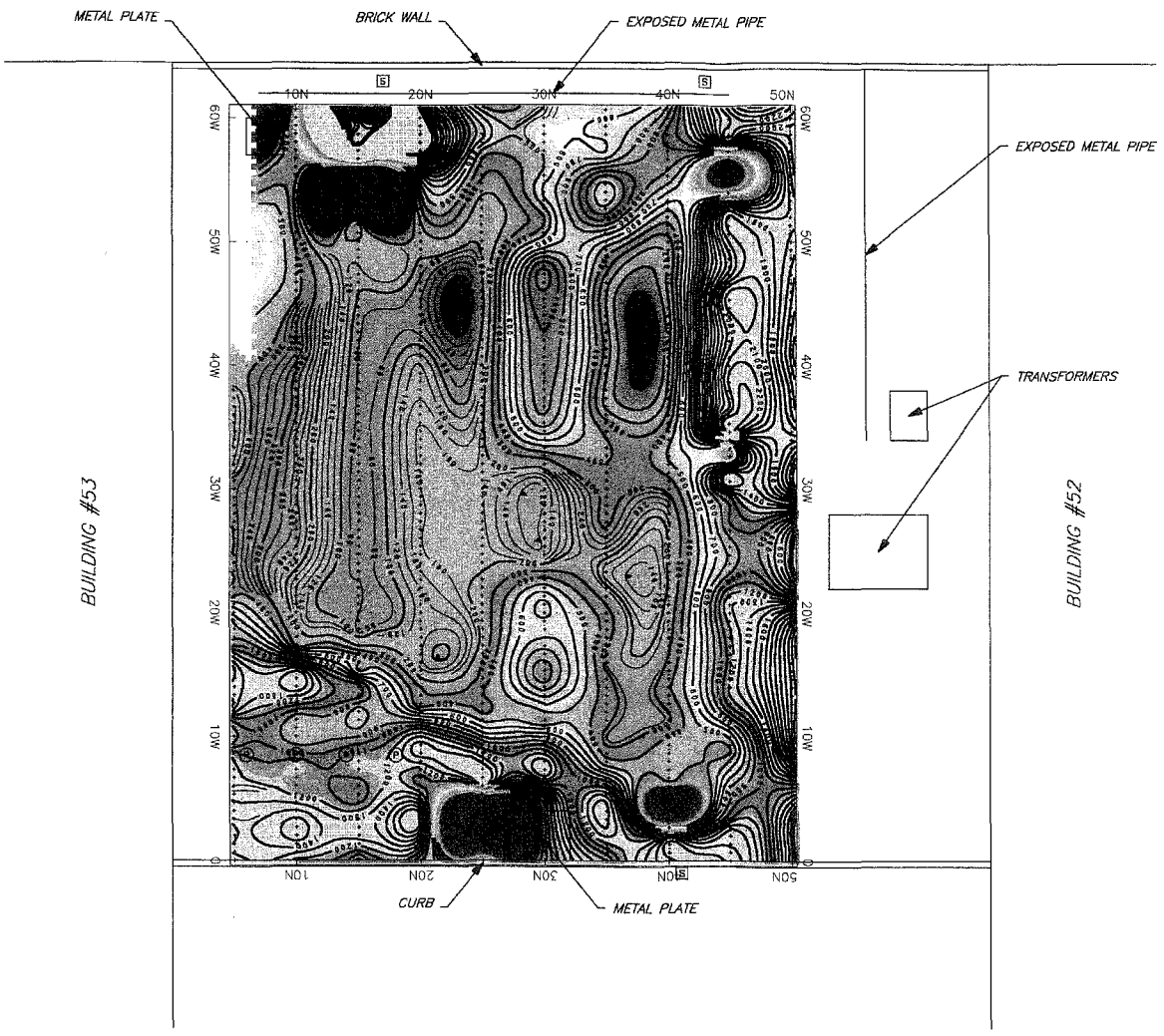
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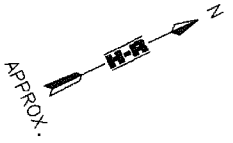
Site sketch generated from field notes.

Figure 17
GPR Survey & Integrated Interpretation – UST Area 8
Procter & Gamble Port Ivory Facility
Staten Island, New York

File 00D59 | December, 2000

HAGER–RICHTER GEOSCIENCE, INC.
Salem, New Hampshire





LEGEND

- EM DATA STATION
- (P) PIPE
- [S] OVERHEAD SUPPORT

SCALE (feet)

0 10 20

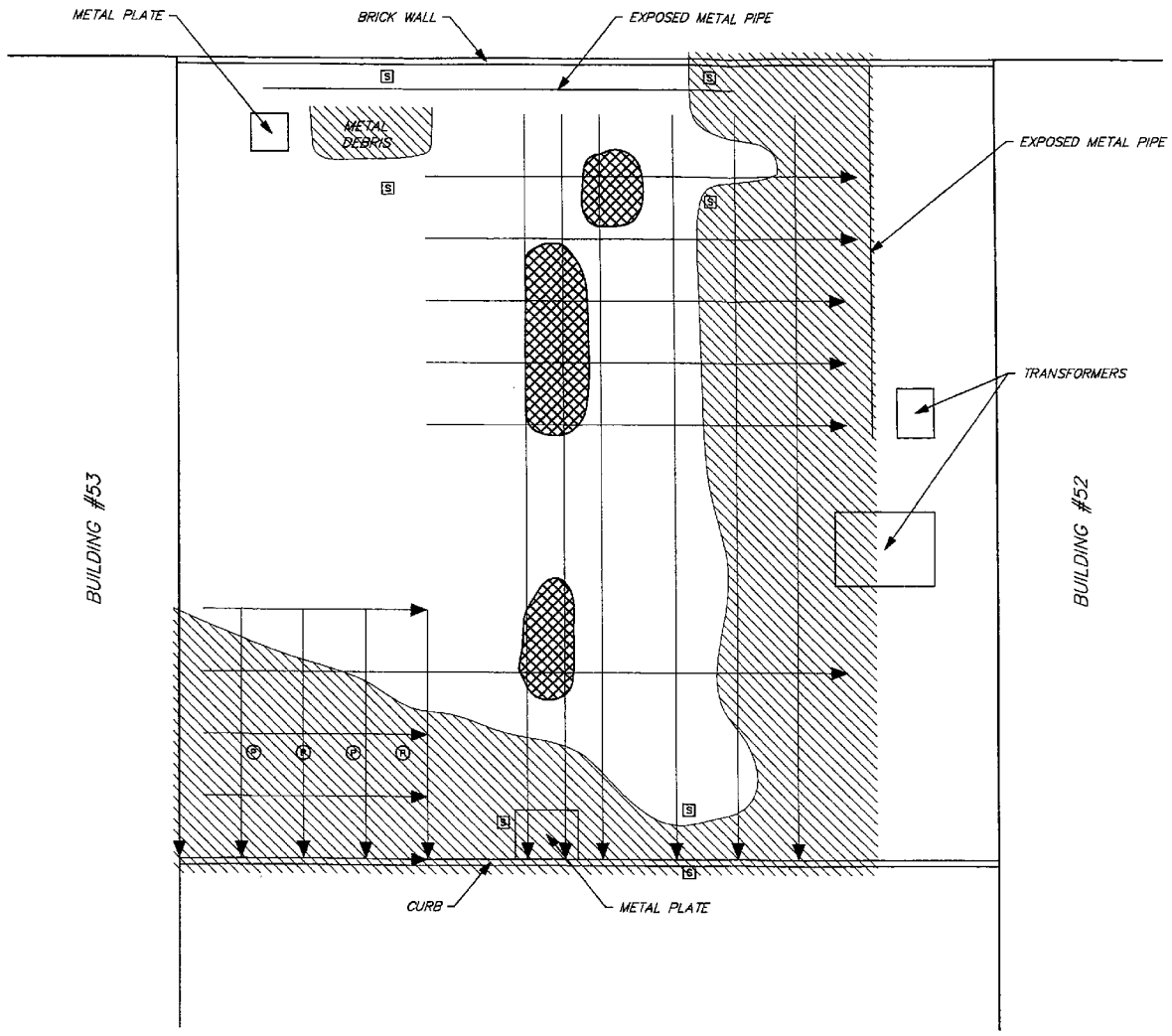
NOTES:

1. Site sketch generated from field notes.
2. Contour Interval = 20 mV.

Figure 18
EM61 Survey - UST Area 9
Procter & Gamble Port Ivory Facility
Staten Island, New York

File 00D59 | December, 2000

HAGER-RICHTER GEOSCIENCE, INC.
Salem, New Hampshire



APPROX. N H-R

LEGEND

- GPR TRAVERSE
- AREA OF POSSIBLE BURIED METAL
- EM ANOMALY ATTRIBUTED TO EFFECTS OF SURFACE OBJECTS. THE PRESENCE OR ABSENCE OF BURIED METAL WITHIN THIS AREA CANNOT BE DETERMINED ON THE BASIS OF THE GEOPHYSICAL DATA ALONE.
- Ⓟ VERTICAL PIPE, CUT AT GRADE
- [S] OVERHEAD SUPPORT

SCALE (feet)

0 10 20

NOTE:

Site sketch generated from field notes.

Figure 19
GPR Survey & Integrated Interpretation – UST Area 9
Procter & Gamble Port Ivory Facility
Staten Island, New York

File 00D59 | December, 2000

HAGER–RICHTER GEOSCIENCE, INC.
Salem, New Hampshire

APPENDIX
EM61 Metal Detector Surveys

Equipment. The Geonics EM61Metal Detector is a time-domain electromagnetic induction type instrument designed solely for detecting buried metal objects. The manufacturer's specifications are attached. An air-cored 1-meter square transmitter coil generates a pulsed primary magnetic field in the earth, thereby inducing eddy currents in nearby metal objects. The decay of the eddy current produces a secondary magnetic field that is sensed by two receiver coils, one coincident with the transmitter and one positioned 40 cm above the main coil. By measuring the secondary magnetic field after the current in the ground has dissipated but before the current in metal objects has dissipated, the instrument responds only to the secondary magnetic field produced by metal objects. Two channels of secondary response are measured in mV and are recorded on a digital data logger. The system is generally operated by pulling the coils as a trailer with an odometer mounted on the axle to trigger the data logger automatically at 20-cm intervals.

Data Analysis and Interpretation. EM61survey data are most commonly plotted as color contour plots of Channel 2, the lower of the two receiver coils, and the difference between Channel 1 and Channel 2. The differential plot suppresses the effects of surface metal objects.

A buried metal object produces a single, sharply defined, positive peak response when the EM61 is located directly over the object. Thus, the interpretation of the plotted data is relatively straightforward in terms of the presence and location of buried metal objects. The depth of metal objects can be estimated by the width or "footprint" of the peak response.

According to the manufacturer's literature, the EM61 can detect a single 55-gallon drum buried at a depth of 10 feet. The instrument provides excellent lateral location accuracy and discrimination of multiple targets due to the data density (20 cm) possible along each traverse. The EM61 is not as affected by interference from surface metal and electrical objects as other geophysical methods and has the advantage of detecting both ferrous and non-ferrous metal objects.

Limitations of the Method. The EM61 detects metal objects that are present below the 1-meter square coils of the instrument, but it is not very sensitive to the presence of small metal objects located to the sides of the coils. It is possible, then, that metal objects could be missed in an EM61 survey if the survey data are collected at intervals greater than 1 meter.

Detection and identification should be clearly differentiated. Detection in this context is the recognition of the presence of a metal object, and the EM61 is excellent for such purposes. Identification, on the other hand, is determination of the nature of the causative body (i.e., what is the body -- a cache of drums, UST, automobile, white goods, etc.?), and the EM61 cannot identify the buried metal object.

APPENDIX
GROUND PENETRATING RADAR SURVEYS

Field Work. A Geophysical Survey Systems, Inc. Model SIR-2 ground penetrating radar system was used for this survey. The SIR-2 is a fully digital system and includes a color monitor, grey-scale thermal printer, and 10-Gbyte digital tape backup system. The transmit/receive antenna is housed in a box that is moved across the surface. The antenna transmits electromagnetic signals into the subsurface and then detects, amplifies, and displays reflections of the signals in real-time on the color monitor. The result is a radar record of the subsurface.

The maximum depth of penetration of the GPR signal and the resolution of the reflections are controlled in part by the frequency of the antenna used and in part by the electrical properties of the subsurface. Hager-Richter owns antennas with the following center frequencies: 120 MHz, 300 MHz, 500 MHz, and 1000 MHz. The total time during which radar signals are recorded can be varied from a few to 1,000 nanoseconds (nsec). However, there is a trade-off between total time, corresponding to depth range, and resolution. As the total time of recording is increased, the resolution of the GPR records decreases. For a given site, the total time window is set to detect features located somewhat below the maximum expected target depths.

Interpretation. The horizontal axis of a GPR record represents distance across the surface and the vertical axis represents round-trip travel time of the radar signal. The round-trip travel time can be converted to approximate depth by correlating with reflections from targets of known depth or by using handbook values of velocities for materials in the subsurface. For those sites where the subsurface is electrically heterogeneous, the travel times of the radar signal may be different in the various materials, and the vertical scale for the radar records is not necessarily uniform with depth.

The reflections in a GPR record are produced by spatial changes in the physical properties (e.g., type of material, subsurface fluids, porosity, etc.) and related changes in the electrical properties (dielectric constant) of the subsurface materials in the path of the signals. The greater the difference in electrical properties between two materials in the subsurface, the stronger the reflection observed in the GPR record.

The size, shape, and amplitude of the GPR reflections are the characteristics that are considered in the interpretation of the data from any site. Because the electrical properties of metal USTs, utilities, and conduits different significantly from those of the soils in which they are buried, such objects produce GPR reflections with high amplitude and distinctive shapes that permit identification with a high degree of reliability. Most other objects, although readily detectable, require "ground truth" for identification. Only excavations provide positive identification for most objects identified in GPR surveys.

For GPR profiles oriented perpendicular to the long axis of a tank, the signature is similar to a hyperbola, the shape of which is a function of the diameter and depth of burial of the tank. For GPR profiles oriented parallel to the long axis of a tank, the signature is a set of parallel, high amplitude reflections that terminate sharply at the ends of the tank. GPR, then, is useful for determining the exact location and dimensions of USTs.

Limitations of the Method. The maximum depth to which GPR signals can penetrate depends on the electrical properties of the subsurface materials. The higher the electrical conductivity of the subsurface materials, the lower the radar signal penetration. Clay minerals and/or brackish water in the subsurface, for example, attenuate the GPR signal, so reflections are not received from materials at greater depths.

There are limitations of the GPR technique as used to detect and/or locate particular targets: (1) surface conditions, (2) electrical conductivity of the ground, (3) contrast of the electrical conductivities of the targets and the ground, and (4) spacing between lines. Of these limitations, only the fourth, line spacing, is controlled by the operator.

The condition of the ground surface can affect the quality of the GPR data and the depth of penetration of the GPR signal. Sites covered with high grass, bushes, landscape structures, debris, obstacles, soil mounds, etc. limit the survey access and the coupling of the GPR antenna with the ground. In many cases, the GPR signal will not penetrate below concrete pavement, and a target may not be detectable.

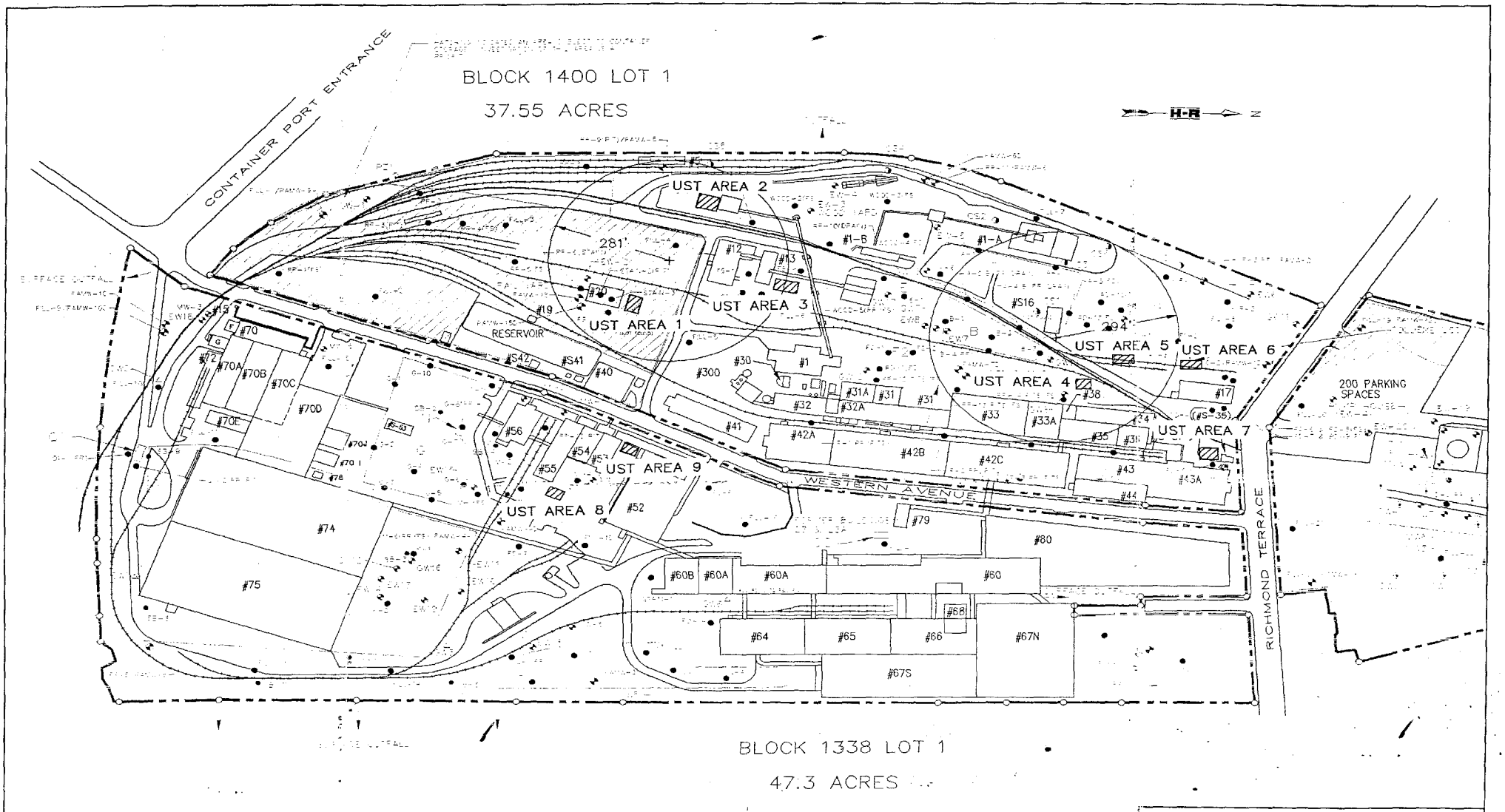
The electrical conductivity of the ground determines the attenuation of the GPR signals, and thereby limits the maximum depth of exploration. The GPR signal does not penetrate clay-rich soils, and targets buried in clay can be missed.

A contrast in the electrical conductivities of the ground and the target is required to obtain a reflection of the GPR signal. If the contrast is too small, possibly due to extremely corroded conditions of a metal target, then the reflection may be too weak to recognize, and the target can be missed.

The spacing between lines is under control of the GPR operator, and the design of the survey is based on the dimensions of the smallest target of interest. Targets with dimensions smaller than the spacing between GPR survey lines can be missed.

Accurate determination of the depth to any interface requires calibration of the site specific GPR signal velocity. Where targets of a known depth are not available at a site, the time-to-depth conversion of the GPR signal can be estimated from handbook values, but such depth estimations might contain significant error.

Interpretation of GPR data is subjective. As noted above, "ground truth" through correlation with borings and excavations is required for positive identification of most objects detected on the basis of GPR data.



NOTE:

Modified from site plan provided by Killam Associates

PLATE 1
SITE PLAN
PROCTER & GAMBLE
PORT IVORY FACILITY
STATEN ISLAND, NEW YORK

FILE 00D59	DECEMBER, 2000

HAGER-RICHTER GEOSCIENCE, INC.
SALEM, NEW HAMPSHIRE

Appendix D

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
Potential USTs	Sanborn Maps identified nine areas which may include USTs.	GPR/EM Survey performed at each area to attempt to identify tanks. 16 soil borings were installed: UST1-2, UST2-1, UST2-1A, UST2-1B, UST2-2, UST2-3, UST4-1, UST4-2, UST5-2, UST6-2, UST6-3, UST7-1, UST7-1A, UST7-1B, UST7-2 and UST9-1. 30 soil samples were submitted for laboratory analysis: UST1-2(12-14), UST1-2(2-4), UST2-1(6-7), UST2-1(8-10), UST2-1A(0-2), UST2-1B(2-4), UST2-1B(4-6), UST2-2(4-6), UST2-2(10-12), UST2-3(2-4), UST2-3(12-14), UST2-3(8-9), UST4-1(14-15), UST4-12-4), UST4-1(10-11), UST4-2(12-14), UST4-2(4-6), UST5-2(4-6), UST6-2(4-6), UST6-2(8-10), UST6-2(16-18), UST6-3(14-16), UST6-3(1.5-2), UST7-1(8-10), UST7-1A(0-2), UST7-1B(2-3.5), UST7-2(8-10), UST7-2(10-12), UST9-1(8-10) and UST9-1(2-4). 2 temporary wells were installed and sampled. TMW-01 and TMW-02	**Soil** E418.1, SW6010, SW7471, SW8081, SW8082, SW8260, SW8270, SW9014, SW9045 SW9065, SW9071 **Groundwater** E624, E625, E200.7, E245.2 E150.1, E418.1, E1664, E335.2, E420.1, E608
Precipitate at Bridge Creek	Investigative efforts by P&G identified the presence of a precipitate material along the banks of Bridge Creek.	The portion of Bridge Creek located along the western side of the site was visually reviewed during two low tide and two high tide periods. Sediment/precipitate samples and surface water samples were collected and analyzed. 5 sediment samples were submitted for laboratory analysis: SED-1, SED-2, SED-3, SED-4 and SED-5. 3 surface water samples were submitted for laboratory analysis: SW-1, SW-2 and SW-3.	**Sediment** SW6010, SW7471 **Surface Water** 200.7, E245.2, 335.2

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
P&G AOCs	Historical reports identified AOCs at the subject site which had been evaluated, to some degree, by P&G. Information pertaining to AOCs (Areas A through I, Areas K through R and the Wood Yard) is described in Table 2. Soil borings were installed and sampled at these areas. The soil boring and sample references for each AOC are listed below. Groundwater actions are described under the groundwater AOC.	Soil borings were installed and sampled. 58 soil borings were installed: A-1, A-02, A-03, A-04, A-05, A-06, B-02, B-02A, B-1, B-3, B-4, PAMW-1, PAMW-1A, D-1, D-2, D-3, D-4, D-4A, E-01, F1-3, F2-2, G-2, G-03, G-04, G-5, G-5A, G-6, G-7(N), G-8, G-09, G-10, H/R-1, H/R-2, H-R-3, I-01, K-01, K-02, L-1, L-02, L3(FILL), L-4, L-5, L-06, M-01, M-02, M-03, M-04, M-5, MW-04, PAMW-4, P-01, P-2, P-03, Q1-1, WD-01C, WD-03, WD-05, and WOOD-3. 106 soil samples were submitted for laboratory analysis: A-1(2-4), A-02(6-8), A-02(2-4), A-02(0-2), A-03(10-12), A-03(6-8), A-03(2-4), A-04(12-14), A-04(6-8), A-05(2-4), A-06(01-3), B-1(2-4), B-1(6-8), B-1(9-10), B-02(2-4), B-02A(8-10), B-3(2-4), B-3(6-8), PAMW-1(3-4.5), PAMW-1A(0-2), PAMW-1A(2-4), PAMW-1A(8-10), D-1(0-2), D-1(6-8), D-1(18-20), D-2(0-2), D-2(6-8), D-3(0-2), D-4(0-2), D-4A(6-8), E-01(0.2-2), E-01(4-6), E-01(10-12), F1-3(1-3), F1-3(3-5), F2-2(2-4), F2-2(8-10), G-2(0-2), G-2(4-6), G-2(6-8), G-03(0-2), G-04(6-8), G-5(4-6), G-5A(8-10),G-6(4-6),G-6(6-8),G-7(N)(8-10), G-7(N)(10-12), G-8(1-2), G-8(6-7), G-09(4-6), G-10(2-4), H/R-1(1-3), H/R-1(3-4.5), H/R-2(0-1.5), H/R-2(1.5-3.5), H/R-3(0.3-1), H/R-3(1-3), I-01(0-2), I-01(2-4), K-01(2-4), K-01(5-6), K-02(0-2), K-02(2-4), L-1(2-4), L-1(6-8), L-02(8-10), L-02(10-12), L3FILL(2-4), L3FILL(8-10), L3FILL(12-14), L-4(0-2), L-4(6-8), L-5(2-4), L-5(8-10), L-06(6-7.5), L-06(7.5-8), M-01(0-2), M-01(2-4), M-02(2-4), M-02(4-6), M-03(2-4), M-04(2-4), M-04(6-8), M-5(6-6.5), MW-04(1-2), PAMW-04(0-2), PAMW-04(4-6), P-01(2-4), P-01(8-10), P-2(2-4), P-2(4-6), P-03(2-4), P-03(4-6), Q1-1(2-4), Q1-1(4-6), WD-01C(10-12), WD-03(0.5-2), WD-03(2-4), WOOD-3(2-4), WOOD-3(6-8), WD-05(0-2), WD-5(2-4), WD-05(4-6), WD-05(6-8), and WD-05(8-10).	**Soil** E418.1, SW6010, SW7471, SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area A West Tank Field (Southwest of Building 16)/Block 1400		11 soil borings were installed: A-1, A-02, A-03, A-04, A-05, A-06, B-1, B-02, B-02A, B-3, B-4 22 samples were submitted for laboratory analysis: A-1(2-4), A-02(0-2), A-02(2-4), A-03(2-4), A-03(6-8), A-03(10-12), A-04(6-8), A-04(12-14), A-05(2-4) and A-06(1-3), B-1(2-4), B-1(6-8), B-1(9-10), B-02(2-4), B-02(6-8), B-02A(8-10), B-3(2-4), B-3(6-8), B-4(2-4), B-04(5-6), and B-04(6-7).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area B Former Raw Product and By-product AST Areas/Block 1400		Area B investigation was performed in conjunction with Area A investigation.	See sampling methodology for Area A.
Area C Former Oleum AST and Acid Wastewater Area/Block 1400		2 soil borings were installed: PA-MW-1 and PA-MW-1D 4 samples were submitted for laboratory analysis: PA-MW-1(2-4), PA-MW-1(3-4.5) and PA-MW-1(8-10). All samples	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
Area/Block 1400		submitted for analysis were from PAMW-1.	SW9065, SW9071
Area D Fuel Oil AST Area/Block 1309		5 soil borings were installed: D-1, D-2, D-3, D-4 and D-4A). 8 samples were submitted for laboratory analysis: D-1(0-2), D-1(6-8), D-1(18-20), D-2(0-2), D-2(6-8), D-3(1-3), D-4(0-2) and D-4A(6-8).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area E S&S Tank Field, Super Fat Trap/Block 1400		1 soil boring was installed, E-01. 3 samples were submitted for laboratory analysis: E-01(0.2-2), E-01(4-6) and E-01(10-12).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area F1 Spent Nickel Catalyst Drum Storage Area/Block 1400		2 soil borings were installed: F1-3(0-2), F1-3(2-4), F2-2(2-4) and F2-2(8-10). 4 samples were submitted for laboratory analysis: F1-3(1-3), F1-3(3-5), F2-2(2-4) and F2-2(8-10).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area F2 Waste Oil Drum Storage Area/Block 1400		Sampling performed in conjunction with F1 Area.	See sampling methodology for F1 Area.
Area G Former Vegetable AST Area/Block 1338		10 soil borings were installed: G-2, G-03, G-04, G-5, G-5A, G-6, G-7(N), G-8, G-09 and G-10. 15 samples were submitted for laboratory analysis: G-2(0-2), G-2(4-6), G-2(6-8), G-03(0-2), G-04(6-8), G-5(4-6), G-5A(8-10), G-6(4-6), G-6(6-8), G-7(N)(8-10), G-7(N)(10-12), G-8(1-2), G-8(6-7), G-09(4-6) and G-10(2-4).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area H and Area R (Area H/R) Former Rosin Storage Area/Block 1400		3 soil borings were installed: H/R-1, H/R-2 and H/R-3). 6 samples were submitted for laboratory analysis: H/R-1(1-3), H/R-1(3-4.5), H/R-2(0-1.5), H/R-2(1.5-3.5), H/R-3(0.3-1) and H/R-3(1-3).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area I Temporary Fly Ash Storage Area/Block 1309		1 soil boring was installed, I-01. 2 samples were submitted for laboratory analysis: I-01(0-2) and I-01(2-4).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area K /Block 1338		2 soil borings were installed: K-01 and K-02. 4 samples were submitted for laboratory analysis: K-01(2-4), K-01(5-6), K-02(0-2) and K-02(2-4).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area L Filled Area (southeast of Building		6 soil borings were installed: L-1, L-02, L3(FILL), L-4, L-5 and L-06.	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
64)/Block 1338		13 samples were submitted for laboratory analysis: L-1(2-4), L-1(6-8), L-02(8-10), L-02(10-12), L3(FILL)(2-4), L3(FILL)(8-10), L3(FILL)(12-14), L-4(0-2), L-4(6-8), L-5(2-4), L-5(8-10), L-06(6-7.5) and L-06(7.5-8).	SW9065, SW9071
Area M Area East of Edible Oils Buildings 52-56/Block 1338		7 soil borings were installed: M-01, M-02, M-03, M-04, M-5, MW-04 and PAMW-04. 11 samples were submitted for laboratory analysis: M-01 (2-4), M-01 (0-2,) M-02 (2-4), M-02 (4-6), M-03 (2-4), M-04 (1-2), M-04 (2-4), M-04 (6-8), M-5 (6-6.5), PA-MW-04 (0-2) and PA-MW-4 (4-6).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area N Super Fat Trap Area/Block 1338		Evaluation of this area has been included with evaluation of Area G. Soil boring - G-7(N) and samples G-7(N)(8-10) and G-7(10-12).	See sampling methodology for Area G.
Area P Former Product Unloading Pit/Block 1400		3 soil borings were installed: P-01, P-2 and P-03. 6 soil samples were submitted for laboratory analysis: P-01(2-4), P-01(8-10), P-2(2-4), P-2(4-6), P-03(2-4) and P-03(4-6).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area Q1 Existing Scale Pit/Block 1338		1 soil boring was installed, Q1-1. 2 samples were submitted for laboratory analysis: Q1-1(2-4) and Q1-1(4-6).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area R Northwest Corner of Soap Manufacturing Area (suspected calcium carbonate fill area)/Block 1400		Evaluation of this area has been included with evaluation of Area H	See sampling methodology for Area H.
Wood Yard		4 soil borings were installed: Wood-01C, Wood-03, Wood-3 and Wood-05. 11 samples were submitted for laboratory analysis: WD-01C(10-12), WD-03(0.5-2), WD-03(2-4), WOOD-3(2-4), WOOD-3(6-8), WD-05(0-2), WD-05(2-4), WD-05(4-6), WD-05(6-8), WD-05(8-10) and WD-05(14-16).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
Closed C&D Landfill	P&G operated a construction and demolition (C&D) waste landfill at Block 1309. The landfill has been closed in accordance with applicable regulations. Post-closure requirements include both groundwater monitoring and landfill cap maintenance.	No actions were undertaken as part of the site investigation.	Not Applicable
Railroad System and Equipment	Visual inspection of the site identified the presence of railroad tracks, sidings and equipment throughout the subject site. Investigative efforts were undertaken to document environmental quality.	Soil borings were installed and sampled. 26 soil borings were installed: RR-01, RR-02, RR-03, RR-04, RR-05, RR-06, RR-07, RR-8, RR-10, RR-15, PAMW-5, PA-MW-6, A-04, A-05, B-4, G-8, H/R-3, L-1, PA-MW-4, MW-04, M-03, P-01, P-03, P-2, Q1-1 and WD-01C. 47 samples were submitted for laboratory analysis: RR-01(0-1.2), RR-01(1.2-2), RR-02(0-2), RR-03(1.5-2), RR-04(0-2), RR-04(2-4), RR-05(0-2), RR-05(2-4), RR-06(0-2), RR-06(2-4), RR-07(0-2), RR-07(2-4), RR-8(2-4), RR-8(6-8), RR-10(2-4), RR-10(8-10), RR-15(4-6), RR-15(0-2), PA-MW-5(0-2), PA-MW-6(0-2), PA-MW-6(2-4), PA-MW-6(4-6), PA-MW-6(6-8), PA-MW-6(8-10), A-04(6-8), A-04(6-8), A-04(12-14), A-04(12-14), A-05(2-4),B-4(2-4), G-8(1-2), G-8(6-7), H/R-3(0-2), L-1(2-4), L-1(6-8), M-04(2-4), PA-MW-4(6-8), M-03(2-4), P-01(2-4), P-01(8-10), P-03(2-4), P-03(4-6), P-2(0-2), P-2(2-4), Q1-1(2-4), Q1-1(4-6) and WD-01C(10-12).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Staining	Staining was noted on the soil flooring in two bays of Building #20 as well as south of Building 60B.	Soil borings were installed and sampled. 6 soil borings were installed: STAIN-1, ST-02, ST-03, ST-3B, RR-06 and RR-07. 12 samples were submitted for laboratory analysis: STAIN-1(0-2), STAIN-1(4-6), ST-02(1-2), ST-02(2-3), ST-03(1-1.5), ST-03(1.5-2.5), ST-3B(0-2), ST-3B(2-4), RR-06(0-2) RR-06(2-4), RR-07(0-2) and RR-07(2-4).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
Pits and Drains	Pits and drains, some sealed with gravel, were noted at both interior and exterior site locations. In addition, reports identify the presence of oil/water separator systems. .	A visual inspection was performed, as feasible, to assess conditions at pits and drains. Soil borings were installed and sampled at and adjacent to current and former pits and drains. 19 soil borings were installed: PD-1, PD-3, PD-4, PD-5, PD-6, PD-8, PD-9, PD-10, PD-11, PD-14, A-04, A-05, P-01, P-03, P-2, RR-03, RR-15, PAMW-5 and ST-02. 33 samples were submitted for laboratory analysis: PD-1(2-4), PD-1(10-12), PD-PD-3(4-6), PD-4(8-10), PD-5(0-2), PD-5(2-4), PD-6(6-8), PD-6(12-14), PD-8(2-4), PD-8(8-10), PD-8(16-17), PD-9(4-6), PD-9(8-10), PD-10(2-4), PD-10(6-8), PD-11(4-6), PD-14(2-4), PD-14(6-8), A-04(6-8), A-04(12-14), A-05(2-4), p-01(2-4), P-01(8-10), P-2(0-2), P-2(2-4), P-03(2-4), P-03(6-8), RR-03(0-2), RR-15(0-2), RR-15(4-6), PA-MW-5(0-2), ST-02(0-2) and ST-02(2-4).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Former Structures	Review of Sanborn Maps and aerial photographs reveal the presence of former structures, ASTs, railroad tracks and sidings, at various locations throughout the subject site. Review of some of the historical sources also revealed the presence of discolored areas and/or debris piles.	Soil borings were installed and sampled at areas formerly occupied by structures, debris piles and discolored areas. 24 soil borings were installed: FS-1B, FS-2, FS03, FS04, FS-06, FS-7, FS-08, PA-MW-04, PA-MW-7, PA-MW-8, A-03, M-03, WD-01C, WD-03, WD-05, WOOD-3, RR-01, RR-04, RR-05, PD-1, PD-3, PD-8, PD-9 and PD-11. 54 were submitted for laboratory analysis: FS-1B(0-2), FS-1B(6-7), FS-1B(12-13.5), FS-2(2-4), FS-2(8-10), FS-2(17-18), FS-03(2-4), FS-03(6-8), FS-04(0-2), FS-04(2-4), FS-06(0-2), FS-06(4-6), FS-7(2-4), FS-7(8-10), FS-08(0-2), PA-MW-04(0-2), PA-MW-04(4-6), PA-MW-7(0-2), PA-MW-7(2-4), PA-MW-7(4-6), PA-MW-7(6-8), PA-MW-8(0-2), PA-MW-8(4-6), A-03(2-4), A-03(6-8), A-03(10-12), M-03(2-4), WD-01C(10-12), WD-03(0-2), WD-03(2-4), WD-05(0-2), WD-05(2-4), WD-05(4-6), WD-05(6-8), WD-05(8-10), WD-05(8-10), WD-05(14-16), WOOD-3(2-4), WOOD-3(6-8), RR-01(0-2), RR-01(2-4), RR-04(0-2), RR-04(2-4), RR-05(0-2), RR-05(8-10), PD-1(2-4), PD-1(10-12), PD-3(4-6), PD-8(2-4), PD-8(8-10), PD-8(16-17), PD-9(4-6), PD-9(8-10) and PD-11(4-6).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
Fill Material	P&G placed a variety of fill material at the subject site. The fill materials present at the site include soil/sand, construction debris (wood, bricks, glass, concrete), ash from boiler operations, slag, vegetative debris and by-products from production activities (calcium carbonate, spent diatomaceous filter earth, and spent carbonaceous filter material). The presence of black staining of site soil was noted in P&G reports.	Soil borings were installed throughout the site to characterize the type and extent of fill material. Representative samples were submitted for laboratory analysis to determine the presence/absence of contaminants in fill materials. 17 soil borings were installed: Fill-2, Fill-3, Fill-4, Fill-5, Fill-7, Fill-8, Fill-10, Fill-11, Fill-12, Fill-13, Fill-14, Fill-15, Fill-16, Fill-17, Fill-20 Fill-21 and Fill-25. 53 samples were submitted for laboratory analysis: Fill-2(0.7-3.), Fill-3(0-2), Fill-3(2-4), Fill-3(4-6), Fill-4(0-2), Fill-4(2-4), Fill-4(4-6), Fill-4(6-8), Fill-5(2-4), Fill-5(6-8), Fill-7(1.5-2.5), Fill-7(2.5-4), Fill-7(10-12), Fill-8(0-2), Fill-8(6-8), Fill-10(3-4), Fill-10(6-8), Fill-11(0-2), Fill-11(2-4), Fill-12(0-2), Fill-13(1-3), Fill-13(3-5), Fill-14(4-6), Fill-14(6-8), Fill-15(4-6), Fill-15(12-13), Fill-16(2-4), Fill-17(0-2), Fill-17(2-4), Fill-20(0.2-2), Fill-20(2-4), Fill-20(4-6), Fill-20(6-8), Fill-20(8-10), Fill-20(10-12), Fill-20(12-14), Fill-20(14-15.5), Fill-20(15.5-16), Fill-21(2-4), Fill-21(8-10), Fill-25(0-2), Fill-25(4-6), Fill-25(8-10), PA-MW-12(0-2), PA-MW-12(2-4), PA-MW-12(4-6), PA-MW-12(6-8), PA-MW-10D(4-6), PA-MW-13(0-2), PA-MW-13(2-4), PA-MW-14D(0-2) and PA-MW-14D(4-6).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Groundwater	P&G reports identified the presence of contaminants, elevated pH and free phase product in site monitoring wells.	Samples were obtained from a representative number of existing wells and additional wells were installed and sampled to evaluate current groundwater quality. All wells were examined for the presence of free product and samples of identified free product were submitted for fingerprinting. 17 wells were installed and sampled: PA-MW-14D, PA-MW-15, PA-MW-15D (two rounds of samples submitted for laboratory analysis), PA-MW-1D, PA-MW-4D, PA-MW-6D, PA-MW-8, PA-MW-1, PA-MW-11D, PA-MW-4, PA-MW-5, PA-MW-6, PA-MW-7, PA-MW-7D, PA-MW-10D, PA-MW-12 and PA-MW-13. 2 temporary wells were installed and sampled: TMW-01 and TMW-02. The following 14 existing wells were included in the sampling effort: BW-13, CS-7, EW-3, EW-6, GW-10, GW-3, GW-5, GW-7, GW-9, MW-03, MW-04 (duplicate samples submitted), PZ-1, RS-1, and RS-2. Finger printing was performed on 4 wells: GW-14, OP-01, GW-16 and EW-18.	**Groundwater** E624, E625, E200.7 E245.2, E150.1, E418.1 E1664, E335.2, E420.1 E608 **Free Product/Fingerprint** GCFID

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

(1): This table identifies samples collected to identify individual AOCs. Given that samples were utilized to address multiple AOCs, samples may be listed under more than one AOC. Thus, this table should **not** be utilized to calculate the total number of samples collected through the SI.
(2): The prefix "PG" has not been included for well designations.

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Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
Potential USTs	Sanborn Maps identified nine areas which may include USTs.	GPR/EM Survey performed at each area to attempt to identify tanks. 16 soil borings were installed: UST1-2, UST2-1, UST2-1A, UST2-1B, UST2-2, UST2-3, UST4-1, UST4-2, UST5-2, UST6-2, UST6-3, UST7-1, UST7-1A, UST7-1B, UST7-2 and UST9-1. 30 soil samples were submitted for laboratory analysis: UST1-2(12-14), UST1-2(2-4), UST2-1(6-7), UST2-1(8-10), UST2-1A(0-2), UST2-1B(2-4), UST2-1B(4-6), UST2-2(4-6), UST2-2(10-12), UST2-3(2-4), UST2-3(12-14), UST2-3(8-9), UST4-1(14-15), UST4-12-4), UST4-1(10-11), UST4-2(12-14), UST4-2(4-6), UST5-2(4-6), UST6-2(4-6), UST6-2(8-10), UST6-2(16-18), UST6-3(14-16), UST6-3(1.5-2), UST7-1(8-10), UST7-1A(0-2), UST7-1B(2-3.5), UST7-2(8-10), UST7-2(10-12), UST9-1(8-10) and UST9-1(2-4). 2 temporary wells were installed and sampled. TMW-01 and TMW-02	**Soil** E418.1, SW6010, SW7471, SW8081, SW8082, SW8260, SW8270, SW9014, SW9045 SW9065, SW9071 **Groundwater** E624, E625, E200.7, E245.2 E150.1, E418.1, E1664, E335.2, E420.1, E608
Precipitate at Bridge Creek	Investigative efforts by P&G identified the presence of a precipitate material along the banks of Bridge Creek.	The portion of Bridge Creek located along the western side of the site was visually reviewed during two low tide and two high tide periods. Sediment/precipitate samples and surface water samples were collected and analyzed. 5 sediment samples were submitted for laboratory analysis: SED-1, SED-2, SED-3, SED-4 and SED-5. 3 surface water samples were submitted for laboratory analysis: SW-1, SW-2 and SW-3.	**Sediment** SW6010, SW7471 **Surface Water** 200.7, E245.2, 335.2

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
P&G AOCs	Historical reports identified AOCs at the subject site which had been evaluated, to some degree, by P&G. Information pertaining to AOCs (Areas A through I, Areas K through R and the Wood Yard) is described in Table 2. Soil borings were installed and sampled at these areas. The soil boring and sample references for each AOC are listed below. Groundwater actions are described under the groundwater AOC.	Soil borings were installed and sampled. 58 soil borings were installed: A-1, A-02, A-03, A-04, A-05, A-06, B-02, B-02A, B-1, B-3, B-4, PAMW-1, PAMW-1A, D-1, D-2, D-3, D-4, D-4A, E-01, F1-3, F2-2, G-2, G-03, G-04, G-5, G-5A, G-6, G-7(N), G-8, G-09, G-10, H/R-1, H/R-2, H-R-3, I-01, K-01, K-02, L-1, L-02, L3(FILL), L-4, L-5, L-06, M-01, M-02, M-03, M-04, M-5, MW-04, PAMW-4, P-01, P-2, P-03, Q1-1, WD-01C, WD-03, WD-05, and WOOD-3. 106 soil samples were submitted for laboratory analysis: A-1(2-4), A-02(6-8), A-02(2-4), A-02(0-2), A-03(10-12), A-03(6-8), A-03(2-4), A-04(12-14), A-04(6-8), A-05(2-4), A-06(01-3), B-1(2-4), B-1(6-8), B-1(9-10), B-02(2-4), B-02A(8-10), B-3(2-4), B-3(6-8), PAMW-1(3-4.5), PAMW-1A(0-2), PAMW-1A(2-4), PAMW-1A(8-10), D-1(0-2), D-1(6-8), D-1(18-20), D-2(0-2), D-2(6-8), D-3(0-2), D-4(0-2), D-4A(6-8), E-01(0.2-2), E-01(4-6), E-01(10-12), F1-3(1-3), F1-3(3-5), F2-2(2-4), F2-2(8-10), G-2(0-2), G-2(4-6), G-2(6-8), G-03(0-2), G-04(6-8), G-5(4-6), G-5A(8-10),G-6(4-6),G-6(6-8),G-7(N)(8-10), G-7(N)(10-12), G-8(1-2), G-8(6-7), G-09(4-6), G-10(2-4), H/R-1(1-3), H/R-1(3-4.5), H/R-2(0-1.5), H/R-2(1.5-3.5), H/R-3(0.3-1), H/R-3(1-3), I-01(0-2), I-01(2-4), K-01(2-4), K-01(5-6), K-02(0-2), K-02(2-4), L-1(2-4), L-1(6-8), L-02(8-10), L-02(10-12), L3FILL(2-4), L3FILL(8-10), L3FILL(12-14), L-4(0-2), L-4(6-8), L-5(2-4), L-5(8-10), L-06(6-7.5), L-06(7.5-8), M-01(0-2), M-01(2-4), M-02(2-4), M-02(4-6), M-03(2-4), M-04(2-4), M-04(6-8), M-5(6-6.5), MW-04(1-2), PAMW-04(0-2), PAMW-04(4-6), P-01(2-4), P-01(8-10), P-2(2-4), P-2(4-6), P-03(2-4), P-03(4-6), Q1-1(2-4), Q1-1(4-6), WD-01C(10-12), WD-03(0.5-2), WD-03(2-4), WOOD-3(2-4), WOOD-3(6-8), WD-05(0-2), WD-5(2-4), WD-05(4-6), WD-05(6-8), and WD-05(8-10).	**Soil** E418.1, SW6010, SW7471, SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area A West Tank Field (Southwest of Building 16)/Block 1400		11 soil borings were installed: A-1, A-02, A-03, A-04, A-05, A-06, B-1, B-02, B-02A, B-3, B-4 22 samples were submitted for laboratory analysis: A-1(2-4), A-02(0-2), A-02(2-4), A-03(2-4), A-03(6-8), A-03(10-12), A-04(6-8), A-04(12-14), A-05(2-4) and A-06(1-3), B-1(2-4), B-1(6-8), B-1(9-10), B-02(2-4), B-02(6-8), B-02A(8-10), B-3(2-4), B-3(6-8), B-4(2-4), B-04(5-6), and B-04(6-7).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area B Former Raw Product and By-product AST Areas/Block 1400		Area B investigation was performed in conjunction with Area A investigation.	See sampling methodology for Area A.
Area C Former Oleum AST and Acid Wastewater Area/Block 1400		2 soil borings were installed: PA-MW-1 and PA-MW-1D 4 samples were submitted for laboratory analysis: PA-MW-1(2-4), PA-MW-1(3-4.5) and PA-MW-1(8-10). All samples	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045

Table 4
Summary of Investigative Actions and Sampling
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Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
Area/Block 1400		submitted for analysis were from PAMW-1.	SW9065, SW9071
Area D Fuel Oil AST Area/Block 1309		5 soil borings were installed: D-1, D-2, D-3, D-4 and D-4A). 8 samples were submitted for laboratory analysis: D-1(0-2), D-1(6-8), D-1(18-20), D-2(0-2), D-2(6-8), D-3(1-3), D-4(0-2) and D-4A(6-8).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area E S&S Tank Field, Super Fat Trap/Block 1400		1 soil boring was installed, E-01. 3 samples were submitted for laboratory analysis: E-01(0.2-2), E-01(4-6) and E-01(10-12).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area F1 Spent Nickel Catalyst Drum Storage Area/Block 1400		2 soil borings were installed: F1-3(0-2), F1-3(2-4), F2-2(2-4) and F2-2(8-10). 4 samples were submitted for laboratory analysis: F1-3(1-3), F1-3(3-5), F2-2(2-4) and F2-2(8-10).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area F2 Waste Oil Drum Storage Area/Block 1400		Sampling performed in conjunction with F1 Area.	See sampling methodology for F1 Area.
Area G Former Vegetable AST Area/Block 1338		10 soil borings were installed: G-2, G-03, G-04, G-5, G-5A, G-6, G-7(N), G-8, G-09 and G-10. 15 samples were submitted for laboratory analysis: G-2(0-2), G-2(4-6), G-2(6-8), G-03(0-2), G-04(6-8), G-5(4-6), G-5A(8-10), G-6(4-6), G-6(6-8), G-7(N)(8-10), G-7(N)(10-12), G-8(1-2), G-8(6-7), G-09(4-6) and G-10(2-4).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area H and Area R (Area H/R) Former Rosin Storage Area/Block 1400		3 soil borings were installed: H/R-1, H/R-2 and H/R-3). 6 samples were submitted for laboratory analysis: H/R-1(1-3), H/R-1(3-4.5), H/R-2(0-1.5), H/R-2(1.5-3.5), H/R-3(0.3-1) and H/R-3(1-3).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area I Temporary Fly Ash Storage Area/Block 1309		1 soil boring was installed, I-01. 2 samples were submitted for laboratory analysis: I-01(0-2) and I-01(2-4).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area K /Block 1338		2 soil borings were installed: K-01 and K-02. 4 samples were submitted for laboratory analysis: K-01(2-4), K-01(5-6), K-02(0-2) and K-02(2-4).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
Area L Filled Area (southeast of Building 64)/Block 1338		6 soil borings were installed: L-1, L-02, L3(FILL), L-4, L-5 and L-06. 13 samples were submitted for laboratory analysis: L-1(2-4), L-1(6-8), L-02(8-10), L-02(10-12), L3(FILL)(2-4), L3(FILL)(8-10), L3(FILL)(12-14), L-4(0-2), L-4(6-8), L-5(2-4), L-5(8-10), L-06(6-7.5) and L-06(7.5-8).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area M Area East of Edible Oils Buildings 52-56/Block 1338		7 soil borings were installed: M-01, M-02, M-03, M-04, M-5, MW-04 and PAMW-04. 11 samples were submitted for laboratory analysis: M-01 (2-4), M-01 (0-2,) M-02 (2-4), M-02 (4-6), M-03 (2-4), M-04 (1-2), M-04 (2-4), M-04 (6-8), M-5 (6-6.5), PA-MW-04 (0-2) and PA-MW-4 (4-6).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area N Super Fat Trap Area/Block 1338		Evaluation of this area has been included with evaluation of Area G. Soil boring - G-7(N) and samples G-7(N)(8-10) and G-7(10-12).	See sampling methodology for Area G.
Area P Former Product Unloading Pit/Block 1400		3 soil borings were installed: P-01, P-2 and P-03. 6 soil samples were submitted for laboratory analysis: P-01(2-4), P-01(8-10), P-2(2-4), P-2(4-6), P-03(2-4) and P-03(4-6).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area Q1 Existing Scale Pit/Block 1338		1 soil boring was installed, Q1-1. 2 samples were submitted for laboratory analysis: Q1-1(2-4) and Q1-1(4-6).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Area R Northwest Corner of Soap Manufacturing Area (suspected calcium carbonate fill area)/Block 1400		Evaluation of this area has been included with evaluation of Area H	See sampling methodology for Area H.
Wood Yard		4 soil borings were installed: Wood-01C, Wood-03, Wood-3 and Wood-05. 11 samples were submitted for laboratory analysis: WD-01C(10-12), WD-03(0.5-2), WD-03(2-4), WOOD-3(2-4), WOOD-3(6-8), WD-05(0-2), WD-05(2-4), WD-05(4-6), WD-05(6-8), WD-05(8-10) and WD-05(14-16).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
Closed C&D Landfill	P&G operated a construction and demolition (C&D) waste landfill at Block 1309. The landfill has been closed in accordance with applicable regulations. Post-closure requirements include both groundwater monitoring and landfill cap maintenance.	No actions were undertaken as part of the site investigation.	Not Applicable
Railroad System and Equipment	Visual inspection of the site identified the presence of railroad tracks, sidings and equipment throughout the subject site. Investigative efforts were undertaken to document environmental quality.	Soil borings were installed and sampled. 26 soil borings were installed: RR-01, RR-02, RR-03, RR-04, RR-05, RR-06, RR-07, RR-8, RR-10, RR-15, PAMW-5, PA-MW-6, A-04, A-05, B-4, G-8, H/R-3, L-1, PA-MW-4, MW-04, M-03, P-01, P-03, P-2, Q1-1 and WD-01C. 47 samples were submitted for laboratory analysis: RR-01(0-1.2), RR-01(1.2-2), RR-02(0-2), RR-03(1.5-2), RR-04(0-2), RR-04(2-4), RR-05(0-2), RR-05(2-4), RR-06(0-2), RR-06(2-4), RR-07(0-2), RR-07(2-4), RR-8(2-4), RR-8(6-8), RR-10(2-4), RR-10(8-10), RR-15(4-6), RR-15(0-2), PA-MW-5(0-2), PA-MW-6(0-2), PA-MW-6(2-4), PA-MW-6(4-6), PA-MW-6(6-8), PA-MW-6(8-10), A-04(6-8), A-04(6-8), A-04(12-14), A-04(12-14), A-05(2-4),B-4(2-4), G-8(1-2), G-8(6-7), H/R-3(0-2), L-1(2-4), L-1(6-8), M-04(2-4), PA-MW-4(6-8), M-03(2-4), P-01(2-4), P-01(8-10), P-03(2-4), P-03(4-6), P-2(0-2), P-2(2-4), Q1-1(2-4), Q1-1(4-6) and WD-01C(10-12).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Staining	Staining was noted on the soil flooring in two bays of Building #20 as well as south of Building 60B.	Soil borings were installed and sampled. 6 soil borings were installed: STAIN-1, ST-02, ST-03, ST-3B, RR-06 and RR-07. 12 samples were submitted for laboratory analysis: STAIN-1(0-2), STAIN-1(4-6), ST-02(1-2), ST-02(2-3), ST-03(1-1.5), ST-03(1.5-2.5), ST-3B(0-2), ST-3B(2-4), RR-06(0-2) RR-06(2-4), RR-07(0-2) and RR-07(2-4).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
Pits and Drains	Pits and drains, some sealed with gravel, were noted at both interior and exterior site locations. In addition, reports identify the presence of oil/water separator systems. .	A visual inspection was performed, as feasible, to assess conditions at pits and drains. Soil borings were installed and sampled at and adjacent to current and former pits and drains. 19 soil borings were installed: PD-1, PD-3, PD-4, PD-5, PD-6, PD-8, PD-9, PD-10, PD-11, PD-14, A-04, A-05, P-01, P-03, P-2, RR-03, RR-15, PAMW-5 and ST-02. 33 samples were submitted for laboratory analysis: PD-1(2-4), PD-1(10-12), PD-PD-3(4-6), PD-4(8-10), PD-5(0-2), PD-5(2-4), PD-6(6-8), PD-6(12-14), PD-8(2-4), PD-8(8-10), PD-8(16-17), PD-9(4-6), PD-9(8-10), PD-10(2-4), PD-10(6-8), PD-11(4-6), PD-14(2-4), PD-14(6-8), A-04(6-8), A-04(12-14), A-05(2-4), p-01(2-4), P-01(8-10), P-2(0-2), P-2(2-4), P-03(2-4), P-03(6-8), RR-03(0-2), RR-15(0-2), RR-15(4-6), PA-MW-5(0-2), ST-02(0-2) and ST-02(2-4).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Former Structures	Review of Sanborn Maps and aerial photographs reveal the presence of former structures, ASTs, railroad tracks and sidings, at various locations throughout the subject site. Review of some of the historical sources also revealed the presence of discolored areas and/or debris piles.	Soil borings were installed and sampled at areas formerly occupied by structures, debris piles and discolored areas. 24 soil borings were installed: FS-1B, FS-2, FS03, FS04, FS-06, FS-7, FS-08, PA-MW-04, PA-MW-7, PA-MW-8, A-03, M-03, WD-01C, WD-03, WD-05, WOOD-3, RR-01, RR-04, RR-05, PD-1, PD-3, PD-8, PD-9 and PD-11. 54 were submitted for laboratory analysis: FS-1B(0-2), FS-1B(6-7), FS-1B(12-13.5), FS-2(2-4), FS-2(8-10), FS-2(17-18), FS-03(2-4), FS-03(6-8), FS-04(0-2), FS-04(2-4), FS-06(0-2), FS-06(4-6), FS-7(2-4), FS-7(8-10), FS-08(0-2), PA-MW-04(0-2), PA-MW-04(4-6), PA-MW-7(0-2), PA-MW-7(2-4), PA-MW-7(4-6), PA-MW-7(6-8), PA-MW-8(0-2), PA-MW-8(4-6), A-03(2-4), A-03(6-8), A-03(10-12), M-03(2-4), WD-01C(10-12), WD-03(0-2), WD-03(2-4), WD-05(0-2), WD-05(2-4), WD-05(4-6), WD-05(6-8), WD-05(8-10), WD-05(8-10), WD-05(14-16), WOOD-3(2-4), WOOD-3(6-8), RR-01(0-2), RR-01(2-4), RR-04(0-2), RR-04(2-4), RR-05(0-2), RR-05(8-10), PD-1(2-4), PD-1(10-12), PD-3(4-6), PD-8(2-4), PD-8(8-10), PD-8(16-17), PD-9(4-6), PD-9(8-10) and PD-11(4-6).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

AOC	Description of Issues	Description of Actions and Sampling	Sampling Methodology
Fill Material	P&G placed a variety of fill material at the subject site. The fill materials present at the site include soil/sand, construction debris (wood, bricks, glass, concrete), ash from boiler operations, slag, vegetative debris and by-products from production activities (calcium carbonate, spent diatomaceous filter earth, and spent carbonaceous filter material). The presence of black staining of site soil was noted in P&G reports.	Soil borings were installed throughout the site to characterize the type and extent of fill material. Representative samples were submitted for laboratory analysis to determine the presence/absence of contaminants in fill materials. 17 soil borings were installed: Fill-2, Fill-3, Fill-4, Fill-5, Fill-7, Fill-8, Fill-10, Fill-11, Fill-12, Fill-13, Fill-14, Fill-15, Fill-16, Fill-17, Fill-20 Fill-21 and Fill-25. 53 samples were submitted for laboratory analysis: Fill-2(0.7-3.), Fill-3(0-2), Fill-3(2-4), Fill-3(4-6), Fill-4(0-2), Fill-4(2-4), Fill-4(4-6), Fill-4(6-8), Fill-5(2-4), Fill-5(6-8), Fill-7(1.5-2.5), Fill-7(2.5-4), Fill-7(10-12), Fill-8(0-2), Fill-8(6-8), Fill-10(3-4), Fill-10(6-8), Fill-11(0-2), Fill-11(2-4), Fill-12(0-2), Fill-13(1-3), Fill-13(3-5), Fill-14(4-6), Fill-14(6-8), Fill-15(4-6), Fill-15(12-13), Fill-16(2-4), Fill-17(0-2), Fill-17(2-4), Fill-20(0.2-2), Fill-20(2-4), Fill-20(4-6), Fill-20(6-8), Fill-20(8-10), Fill-20(10-12), Fill-20(12-14), Fill-20(14-15.5), Fill-20(15.5-16), Fill-21(2-4), Fill-21(8-10), Fill-25(0-2), Fill-25(4-6), Fill-25(8-10), PA-MW-12(0-2), PA-MW-12(2-4), PA-MW-12(4-6), PA-MW-12(6-8), PA-MW-10D(4-6), PA-MW-13(0-2), PA-MW-13(2-4), PA-MW-14D(0-2) and PA-MW-14D(4-6).	**Soil** E418.1, SW6010, SW7471 SW8081, SW8082, SW8260 SW8270, SW9014, SW9045 SW9065, SW9071
Groundwater	P&G reports identified the presence of contaminants, elevated pH and free phase product in site monitoring wells.	Samples were obtained from a representative number of existing wells and additional wells were installed and sampled to evaluate current groundwater quality. All wells were examined for the presence of free product and samples of identified free product were submitted for fingerprinting. 17 wells were installed and sampled: PA-MW-14D, PA-MW-15, PA-MW-15D (two rounds of samples submitted for laboratory analysis), PA-MW-1D, PA-MW-4D, PA-MW-6D, PA-MW-8, PA-MW-1, PA-MW-11D, PA-MW-4, PA-MW-5, PA-MW-6, PA-MW-7, PA-MW-7D, PA-MW-10D, PA-MW-12 and PA-MW-13. 2 temporary wells were installed and sampled: TMW-01 and TMW-02. The following 14 existing wells were included in the sampling effort: BW-13, CS-7, EW-3, EW-6, GW-10, GW-3, GW-5, GW-7, GW-9, MW-03, MW-04 (duplicate samples submitted), PZ-1, RS-1, and RS-2. Finger printing was performed on 4 wells: GW-14, OP-01, GW-16 and EW-18.	**Groundwater** E624, E625, E200.7 E245.2, E150.1, E418.1 E1664, E335.2, E420.1 E608 **Free Product/Fingerprint** GCFID

Table 4
Summary of Investigative Actions and Sampling
Port Ivory Site
Staten Island, New York [1]

(1): This table identifies samples collected to identify individual AOCs. Given that samples were utilized to address multiple AOCs, samples may be listed under more than one AOC. Thus, this table should **not** be utilized to calculate the total number of samples collected through the SI.
(2): The prefix "PG" has not been included for well designations.

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Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	**PG-A-1**	**PG-A-2**	**PG-A-2**	**PG-A-3**	**PG-A-3**	**PG-A-3**	**PG-A-4**	**PG-A-4**	**PG-A-5**	**PG-A-6**
Sample Date	12/2/2000	11/29/2000	11/29/2000	11/16/2000	11/16/2000	11/16/2000	11/16/2000	11/16/2000	11/14/2000	11/10/2000
Sample ID	PG-A-01	PG-A-02	PG-A-02	PG-A-03	PG-A-03	PG-A-03	PG-A-04	PG-A-04	PG-A-05	PG-A-06
Sample Depth	2-4'	0-2'	2-4'	2.4-4'	6-8'	10-12'	6-8'	12-14'	2-4'	1-3'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
1,1,2,2-TETRACHLOROETHANE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
1,1,2-TRICHLOROETHANE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
1,1-DICHLOROETHANE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
1,1-DICHLOROETHYLENE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
1,2-DICHLOROETHANE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
1,2-DICHLOROPROPANE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
2-CHLOROETHYL VINYL ETHER	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
ACROLEIN	0.019 U	0.016 U	0.028 U	4.7 U	3.7 U	3.2 U	0.021 U	0.16 U	0.019 U	0.020 U
ACRYLONITRILE	0.0087 U	0.0073 U	0.013 U	0.58 U	0.45 U	0.39 U	0.0095 U	0.074 U	0.0086 U	0.0094 U
BENZENE	0.0012 U	0.0011 U	0.0019 U	0.31 U	0.25 U	0.21 U	0.0014 U	0.011 U	0.0012 U	0.0014 U
BROMODICHLOROMETHANE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
BROMOFORM	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
BROMOMETHANE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
CARBON TETRACHLORIDE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
CHLOROBENZENE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
CHLOROETHANE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
CHLOROFORM	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
CHLOROMETHANE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
CIS-1,3-DICHLOROPROPENE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
DIBROMOCHLOROMETHANE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
DICHLOROMETHANE	0.0096 B	0.0047 JB	0.0047 JB	1.6 U	1.2 U	1.1 U	0.0029 JB	0.051 JB	0.0027 JB	0.0068 U
ETHYLBENZENE	0.0012 U	0.0011 U	0.0019 U	0.31 U	0.25 U	0.21 U	0.0014 U	0.011 U	0.0012 U	0.0014 U
M&P-XYLENES	0.0025 U	0.0021 U	0.0038 U	0.63 U	0.49 U	0.42 U	0.0027 U	0.021 U	0.0025 U	0.0027 U
METHYLBENZENE	0.0012 U	0.0011 U	0.0019 U	0.31 U	0.25 U	0.21 U	0.0014 U	0.011 U	0.0012 U	0.0014 U
O-XYLENE	0.0012 U	0.0011 U	0.0019 U	0.31 U	0.25 U	0.21 U	0.0014 U	0.011 U	0.0012 U	0.0014 U
TETRACHLOROETHYLENE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
TRANS-1,2-DICHLOROETHYLENE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
TRANS-1,3-DICHLOROPROPENE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
TRICHLOROETHYLENE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U
VINYL CHLORIDE	0.0062 U	0.0053 U	0.0094 U	1.6 U	1.2 U	1.1 U	0.0068 U	0.053 U	0.0062 U	0.0068 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-B-1	PG-B-1	PG-B-1	PG-B-02	PG-B-02	PG-B-02A	PG-B-3	PG-B-3	PG-B-4	PG-B-4
Sample Date	12/4/2000	12/4/2000	12/4/2000	11/16/2000	11/16/2000	11/16/2000	12/4/2000	12/4/2000	12/4/2000	12/4/2000
Sample ID	PG-B-01	PG-B-01	PG-B-01	PG-B-02	PG-A-02	PG-B-02A	PG-B-03	PG-B-03	PG-B-04	PG-B-04
Sample Depth	2-4'	6-8'	9-10'	2-4'	6-8'	8-10'	2-4'	6-8'	2-4'	5-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
1,1,2,2-TETRACHLOROETHANE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
1,1,2-TRICHLOROETHANE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
1,1-DICHLOROETHANE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
1,1-DICHLOROETHYLENE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
1,2-DICHLOROETHANE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
1,2-DICHLOROPROPANE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
2-CHLOROETHYL VINYL ETHER	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
ACROLEIN	0.017 U	0.018 U	0.019 U	0.018 U	0.021 U	2.5 U	0.021 U	0.025 U	0.018 U	0.075 U
ACRYLONITRILE	0.0079 U	0.0083 U	0.0088 U	0.0082 U	0.0096 U	0.30 U	0.0096 U	0.011 U	0.0082 U	0.035 U
BENZENE	0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0014 U	0.16 U	0.0014 U	0.0016 U	0.0012 U	0.005 U
BROMODICHLOROMETHANE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
BROMOFORM	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
BROMOMETHANE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
CARBON TETRACHLORIDE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
CHLOROBENZENE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
CHLOROETHANE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
CHLOROFORM	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0016 J	0.025 U
CHLOROMETHANE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
CIS-1,3-DICHLOROPROPENE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
DIBROMOCHLOROMETHANE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
DICHLOROMETHANE	0.0022 JB	0.0020 JB	0.0033 JB	0.0047 JB	0.013	0.82 U	0.0042 JB	0.0031 JB	0.0044 JB	0.025 U
ETHYLBENZENE	0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0075	0.16 U	0.0014	0.0016 U	0.0012 U	0.005 U
M&P-XYLENES	0.0023 U	0.0024 U	0.0025 U	0.0024 U	0.021	0.33 U	0.0030	0.0033 U	0.0055	0.01 U
METHYLBENZENE	0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0058	0.16 U	0.0014 U	0.0016 U	0.0012 U	0.005 U
O-XYLENE	0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0072	0.16 U	0.0014 U	0.0016 U	0.0014	0.005 U
TETRACHLOROETHYLENE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
TRANS-1,2-DICHLOROETHYLENE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
TRANS-1,3-DICHLOROPROPENE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	.43
TRICHLOROETHYLENE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U
VINYL CHLORIDE	0.0057 U	0.0060 U	0.0063 U	0.0059 U	0.0069 U	0.82 U	0.0069 U	0.0082 U	0.0059 U	0.025 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-B-4	PG-D-1	PG-D-1	PG-D-1	PG-D-2	PG-D-2	PG-D-3	PG-D-4	PG-D-4A	PG-E-1
Sample Date	12/4/2000	12/1/2000	12/1/2000	12/1/2000	12/4/2000	12/4/2000	12/1/2000	12/2/2000	12/2/2000	11/13/00
Sample ID	PG-B-04	PG-D-01	PG-D-01	PG-D-01	PG-D-02	PG-D-02	PG-D-03	PG-D-04	PG-D-4A	PG-E-01
Sample Depth	6-7'	0-2'	6-8'	18-20'	0-2'	6-8'	1-3'	0-2'	6-8'	0.2-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
1,1,2,2-TETRACHLOROETHANE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
1,1,2-TRICHLOROETHANE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
1,1-DICHLOROETHANE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
1,1-DICHLOROETHYLENE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
1,2-DICHLOROETHANE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
1,2-DICHLOROPROPANE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
2-CHLOROETHYL VINYL ETHER	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
ACROLEIN	0.018 U	0.018 U	0.11 U	0.029 U	0.016 U	0.022 U	0.017 U	0.018 U	0.019 U	0.017 U
ACRYLONITRILE	0.0082 U	0.0085 U	0.049 U	0.013 U	0.0076 U	0.010 U	0.0080 U	0.0082 U	0.0090 U	0.0079 U
BENZENE	0.0012 U	0.0012 U	0.0070 U	0.0019 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
BROMODICHLOROMETHANE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
BROMOFORM	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
BROMOMETHANE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
CARBON TETRACHLORIDE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
CHLOROBENZENE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
CHLOROETHANE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
CHLOROFORM	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
CHLOROMETHANE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
CIS-1,3-DICHLOROPROPENE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
DIBROMOCHLOROMETHANE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
DICHLOROMETHANE	0.0035 JB	0.0050 JB	0.024 JB	0.0094 JB	0.0037 JB	0.0027 JB	0.0041 JB	0.0037 JB	0.0043 JB	0.0057 U
ETHYLBENZENE	0.0012 U	0.0012 U	0.0070 U	0.0019 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
M&P-XYLENES	0.0024 U	0.0024 U	0.014 U	0.0038 U	0.0022 U	0.0029 U	0.0023 U	0.0024 U	0.0026 U	0.0023 U
METHYLBENZENE	0.0012 U	0.0012 U	0.0070 U	0.0019 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
O-XYLENE	0.0012 U	0.0012 U	0.0070 U	0.0019 U	0.0011 U	0.0014 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
TETRACHLOROETHYLENE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
TRANS-1,2-DICHLOROETHYLENE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
TRANS-1,3-DICHLOROPROPENE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
TRICHLOROETHYLENE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U
VINYL CHLORIDE	0.0060 U	0.0061 U	0.035 U	0.0096 U	0.0055 U	0.0072 U	0.0057 U	0.0059 U	0.0065 U	0.0057 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-E-1	PG-E-1	PG-F1-3	PG-F1-3	PG-F2-2	PG-F2-2	PG-G-2	PG-G-2	PG-G-2	PG-G-3
Sample Date	11/13/00	11/13/00	11/10/00	11/10/00	11/20/00	11/20/00	11/21/2000	11/21/2000	11/21/2000	11/27/2000
Sample ID	PG-E-01	PG-E-01	PG-F1-3	PG-F1-3	PG-F2-2	PG-F2-2	PG-G-02	PG-G-02	PG-G-02	PG-G-03
Sample Depth	4-6'	10-12'	1-3'	3-5'	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
1,1,2,2-TETRACHLOROETHANE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
1,1,2-TRICHLOROETHANE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
1,1-DICHLOROETHANE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
1,1-DICHLOROETHYLENE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
1,2-DICHLOROETHANE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
1,2-DICHLOROPROPANE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
2-CHLOROETHYL VINYL ETHER	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
ACROLEIN	0.017 U	0.028 U	2.2 U	0.030 U	0.016 U	0.017 U	0.017 U	0.029 U	0.019 U	0.018 U
ACRYLONITRILE	0.0081 U	0.013 U	1.0 U	0.014 U	0.0075 U	0.0081 U	0.0081 U	0.013 U	0.0086 U	0.0082 U
BENZENE	0.0012 U	0.0019 U	0.15 U	0.0020 U	0.0011 U	0.0012 U	0.0012 U	0.0019 U	0.0012 U	0.0012 U
BROMODICHLOROMETHANE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
BROMOFORM	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
BROMOMETHANE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
CARBON TETRACHLORIDE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
CHLOROBENZENE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
CHLOROETHANE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
CHLOROFORM	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
CHLOROMETHANE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
CIS-1,3-DICHLOROPROPENE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
DIBROMOCHLOROMETHANE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
DICHLOROMETHANE	0.0034 JB	0.0094 U	0.22 J	0.0040 JB	0.0048 J	0.0054 J	0.0056 JB	0.0048 JB	0.0040 JB	0.0022 JB
ETHYLBENZENE	0.0012 U	0.0019 U	0.25	0.0020 U	0.0011 U	0.0012 U	0.0012 U	0.0019 U	0.0012 U	0.0012 U
M&P-XYLENES	0.0023 U	0.0038 U	0.80	0.0040 U	0.0022 U	0.0023 U	0.0023 U	0.0038 U	0.0025 U	0.0024 U
METHYLBENZENE	0.0012 U	0.0019 U	0.33	0.019	0.0011 U	0.0012 U	0.0012 U	0.0019 U	0.0012 U	0.0012 U
O-XYLENE	0.0012 U	0.0019 U	0.44	0.0020 U	0.0011 U	0.0012 U	0.0012 U	0.0019 U	0.0012 U	0.0012 U
TETRACHLOROETHYLENE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
TRANS-1,2-DICHLOROETHYLENE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
TRANS-1,3-DICHLOROPROPENE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
TRICHLOROETHYLENE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U
VINYL CHLORIDE	0.0058 U	0.0094 U	0.74 U	0.010 U	0.0054 U	0.0058 U	0.0058 U	0.0096 U	0.0062 U	0.0060 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-G-4	PG-G-5	PG-G-5A	PG-G-6	PG-G-6	PG-G7(N)	PG-G7(N)	PG-G-8	PG-G-8	PG-G-9
Sample Date	11/29/2000	12/1/2000	12/1/00	12/1/00	12/1/00	11/21/00	11/21/00	11/30/00	11/30/00	11/28/00
Sample ID	PG-G-04	PG-G-05	PG-G-5A	PG-G-06	PG-G-06	PG-G-7N	PG-G-7N	PG-G-08	PG-G-08	PG-G-09
Sample Depth	6-8'	4-6'	8-10'	4-6'	6-8'	8-10'	10-12'	1-2'	6-7'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
1,1,2,2-TETRACHLOROETHANE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
1,1,2-TRICHLOROETHANE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
1,1-DICHLOROETHANE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
1,1-DICHLOROETHYLENE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
1,2-DICHLOROETHANE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
1,2-DICHLOROPROPANE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
2-CHLOROETHYL VINYL ETHER	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
ACROLEIN	0.019 U	0.019 U	0.019 U	0.017 U	0.019 U	0.017 U	0.019 U	0.016 U	0.018 U	0.018 U
ACRYLONITRILE	0.0090 U	0.0086 U	0.0086 U	0.0081 U	0.0086 U	0.0080 U	0.0086 U	0.0075 U	0.0082 U	0.0083 U
BENZENE	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U
BROMODICHLOROMETHANE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
BROMOFORM	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
BROMOMETHANE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
CARBON TETRACHLORIDE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
CHLOROBENZENE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
CHLOROETHANE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
CHLOROFORM	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
CHLOROMETHANE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
CIS-1,3-DICHLOROPROPENE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
DIBROMOCHLOROMETHANE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
DICHLOROMETHANE	0.0032 JB	0.0059 JB	0.0048 JB	0.013 B	0.0057 JB	0.0067 B	0.0028 JB	0.0066 B	0.0067 B	0.0067 B
ETHYLBENZENE	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U
M&P-XYLENES	0.0026 U	0.0025 U	0.0025 U	0.0023 U	0.0025 U	0.0023 U	0.0025 U	0.0022 U	0.0024 U	0.0024 U
METHYLBENZENE	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U
O-XYLENE	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U
TETRACHLOROETHYLENE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
TRANS-1,2-DICHLOROETHYLENE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
TRANS-1,3-DICHLOROPROPENE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
TRICHLOROETHYLENE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U
VINYL CHLORIDE	0.0065 U	0.0062 U	0.0062 U	0.0058 U	0.0062 U	0.0057 U	0.0062 U	0.0054 U	0.0060 U	0.0060 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-G-10	PG-H/R-1	PG-H/R-1	PG-H/R-2	PG-H/R-2	PG-H/R-3	PG-H/R-3	PG-I-1
Sample Date	11/28/2000	12/2/2000	12/2/00	11/10/00	11/10/00	11/10/00	11/10/00	11/13/2000
Sample ID	PG-G-10	PG-H/R-01	PG-H/R-01	PG-H/R-2	PG-H/R-2	PG-H/R-3	PG-H/R-3	PG-I-01
Sample Depth	2-4'	1-3'	3-4.5'	0-1.5'	1.5-3.5'	0.3-1'	1-3'	0-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
1,1,2,2-TETRACHLOROETHANE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
1,1,2-TRICHLOROETHANE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
1,1-DICHLOROETHANE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
1,1-DICHLOROETHYLENE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
1,2-DICHLOROETHANE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
1,2-DICHLOROPROPANE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
2-CHLOROETHYL VINYL ETHER	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
ACROLEIN	0.017 U	0.021 U	0.030 U	0.017 U	0.027 U	0.018 U	0.026 U	0.018 U
ACRYLONITRILE	0.0078 U	0.0095 U	0.014 U	0.0079 U	0.012 U	0.0083 U	0.012 U	0.0085 U
BENZENE	0.0011 U	0.0014 U	0.0020 U	0.0011 U	0.0018 U	0.0012 U	0.0018 U	0.0012 U
BROMODICHLOROMETHANE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
BROMOFORM	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
BROMOMETHANE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
CARBON TETRACHLORIDE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
CHLOROBENZENE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
CHLOROETHANE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
CHLOROFORM	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
CHLOROMETHANE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
CIS-1,3-DICHLOROPROPENE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
DIBROMOCHLOROMETHANE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
DICHLOROMETHANE	0.025 B	0.0035 JB	0.0068 JB	0.0021 JB	0.0041 JB	0.0024 JB	0.0088 U	0.0021 JB
ETHYLBENZENE	0.0011 U	0.0014 U	0.0020 U	0.0011 U	0.0018 U	0.0012 U	0.0018 U	0.0012 U
M&P-XYLENES	0.0022 U	0.0027 U	0.0040 U	0.0023 U	0.0036 U	0.0024 U	0.0035 U	0.0024 U
METHYLBENZENE	0.0011 U	0.0014 U	0.0020 U	0.0011 U	0.0018 U	0.0012 U	0.0018 U	0.0012 U
O-XYLENE	0.0011 U	0.0014 U	0.0020 U	0.0011 U	0.0018 U	0.0012 U	0.0018 U	0.0012 U
TETRACHLOROETHYLENE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
TRANS-1,2-DICHLOROETHYLENE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
TRANS-1,3-DICHLOROPROPENE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
TRICHLOROETHYLENE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U
VINYL CHLORIDE	0.0056 U	0.0068 U	0.010 U	0.0057 U	0.0089 U	0.0060 U	0.0088 U	0.0061 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-I-1	PG-K-1	PG-K-1	PG-K-2	PG-K-2	PG-L-1	PG-L-1	PG-L-2
Sample Date	11/13/00	11/9/00	11/9/00	11/29/00	11/29/00	12/1/2000	12/1/2000	11/8/2000
Sample ID	PG-I-01	PG-K-01	PG-K-01	PG-K-02	PG-K-02	PG-L-01	PG-L-01	PG-L-02
Sample Depth	2-4'	2-4'	5-6'	0-2.5'	2.5-4'	2-4'	6-8'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
1,1,2,2-TETRACHLOROETHANE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
1,1,2-TRICHLOROETHANE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
1,1-DICHLOROETHANE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
1,1-DICHLOROETHYLENE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
1,2-DICHLOROETHANE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
1,2-DICHLOROPROPANE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
2-CHLOROETHYL VINYL ETHER	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
ACROLEIN	0.025 U	0.021 U	0.021 U	0.016 U	2.6 U	0.036 U	0.019 U	0.029 U
ACRYLONITRILE	0.011 U	0.0096 U	0.0098 U	0.0075 U	1.2 U	0.016 U	0.0088 U	0.014 U
BENZENE	0.0016 U	0.0025	0.0014 U	0.0011 U	0.17 U	0.0024 U	0.0013 U	0.0020 U
BROMODICHLOROMETHANE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
BROMOFORM	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
BROMOMETHANE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
CARBON TETRACHLORIDE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
CHLOROBENZENE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
CHLOROETHANE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
CHLOROFORM	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
CHLOROMETHANE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
CIS-1,3-DICHLOROPROPENE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
DIBROMOCHLOROMETHANE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
DICHLOROMETHANE	0.0025 JB	0.0031 JB	0.0030 JB	0.0023 JB	0.87 U	0.0039 JB	0.0048 JB	0.0084 JB
ETHYLBENZENE	0.0016 U	0.0094	0.0014 U	0.0011 U	0.17 U	0.0024 U	0.0013 U	0.0020 U
M&P-XYLENES	0.0033 U	0.0027 J	0.0028 U	0.0022 U	0.33 J	0.0048 U	0.0025 U	0.0039 U
METHYLBENZENE	0.0016 U	0.010	0.0014 U	0.0011 U	0.17 U	0.0024 U	0.0013 U	0.0030
O-XYLENE	0.0016 U	0.0069	0.0021	0.0011 U	0.17 U	0.0024 U	0.0013 U	0.0020 U
TETRACHLOROETHYLENE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
TRANS-1,2-DICHLOROETHYLENE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
TRANS-1,3-DICHLOROPROPENE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
TRICHLOROETHYLENE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U
VINYL CHLORIDE	0.0082 U	0.0069 U	0.0070 U	0.0054 U	0.87 U	0.012 U	0.0063 U	0.0098 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-L-2	PG-L3(FILL)	PG-L3(FILL)	PG-L3(FILL)	PG-L-4	PG-L-4	PG-L-5	PG-L-5
Sample Date	11/8/2000	11/24/00	11/24/00	11/24/00	12/2/2000	12/2/00	12/2/00	12/2/00
Sample ID	PG-L-02	PG-L3FILL	PG-L3FILL	PG-L3FILL	PG-L-04	PG-L-04	PG-L-05	PG-L-05
Sample Depth	10-12'	2-4'	8-10'	12-14'	0-2'	6-8'	2-3.8'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
1,1,2,2-TETRACHLOROETHANE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
1,1,2-TRICHLOROETHANE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
1,1-DICHLOROETHANE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
1,1-DICHLOROETHYLENE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
1,2-DICHLOROETHANE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
1,2-DICHLOROPROPANE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
2-CHLOROETHYL VINYL ETHER	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
ACROLEIN	0.018 U	0.019 U	0.018 U	0.019 U	0.016 U	0.019 U	0.017 U	0.018 U
ACRYLONITRILE	0.0083 U	0.0089 U	0.0083 U	0.0087 U	0.0075 U	0.0086 U	0.0078 U	0.0082 U
BENZENE	0.0012 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
BROMODICHLOROMETHANE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
BROMOFORM	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
BROMOMETHANE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
CARBON TETRACHLORIDE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
CHLOROBENZENE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
CHLOROETHANE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
CHLOROFORM	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
CHLOROMETHANE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
CIS-1,3-DICHLOROPROPENE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
DIBROMOCHLOROMETHANE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
DICHLOROMETHANE	0.0077 B	0.0027 JB	0.0033 JB	0.0033 JB	0.0073 B	0.0083 B	0.0071 B	0.0042 JB
ETHYLBENZENE	0.0012 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
M&P-XYLENES	0.0024 U	0.0026 U	0.0024 U	0.0025 U	0.0022 U	0.0025 U	0.0022 U	0.0024 U
METHYLBENZENE	0.0012 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
O-XYLENE	0.0012 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U
TETRACHLOROETHYLENE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
TRANS-1,2-DICHLOROETHYLENE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
TRANS-1,3-DICHLOROPROPENE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
TRICHLOROETHYLENE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U
VINYL CHLORIDE	0.0060 U	0.0064 U	0.0060 U	0.0062 U	0.0054 U	0.0062 U	0.0056 U	0.0060 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-L-6	PG-L-6	PG-M-01	PG-M-01	PG-M-2	PG-M-2	PG-M-3	PG-M-4
Sample Date	11/8/00	11/8/00	11/25/2000	11/25/2000	11/27/2000	11/27/2000	11/27/2000	11/22/2000
Sample ID	PG-L-06	PG-L-06	PG-M-01	PG-M-01	PG-M-02	PG-M-02	PG-M-03	PG-M-04
Sample Depth	6-7.5'	7.5-8'	0-2'	4-6'	2-4'	4-6'	2-4'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0098 U	0.0057 U	0.0056 U	0.013 J	0.0063 U	0.0074 U	0.0056 U	0.0060 U
1,1,2,2-TETRACHLOROETHANE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
1,1,2-TRICHLOROETHANE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
1,1-DICHLOROETHANE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
1,1-DICHLOROETHYLENE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
1,2-DICHLOROETHANE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
1,2-DICHLOROPROPANE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
2-CHLOROETHYL VINYL ETHER	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
ACROLEIN	0.029 U	0.017 U	0.017 U	0.096 U	0.019 U	0.022 U	0.017 U	0.018 U
ACRYLONITRILE	0.014 U	0.0079 U	0.0077 U	0.044 U	0.0023 U	0.010 U	0.0078 U	0.0083 U
BENZENE	0.0020 U	0.0011 U	0.0011 U	0.0064 U	0.0013 U	0.0015 U	0.0011 U	0.0012 U
BROMODICHLOROMETHANE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
BROMOFORM	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
BROMOMETHANE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
CARBON TETRACHLORIDE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
CHLOROBENZENE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
CHLOROETHANE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
CHLOROFORM	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
CHLOROMETHANE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
CIS-1,3-DICHLOROPROPENE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
DIBROMOCHLOROMETHANE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
DICHLOROMETHANE	0.0088 JB	0.0059 B	0.0042 JB	0.020 JB	0.017 B	0.0024 JB	0.0022 JB	0.0027 JB
ETHYLBENZENE	0.0020 U	0.0011 U	0.0011 U	0.0064 U	0.0013	0.0015 U	0.0011 U	0.0012 U
M&P-XYLENES	0.0039 U	0.0023 U	0.0022 U	0.013 U	0.0025 U	0.0029 U	0.0022 U	0.0024 U
METHYLBENZENE	0.0020 U	0.0011 U	0.0011 U	0.0064 U	0.0013 U	0.0015 U	0.0011 U	0.0012 U
O-XYLENE	0.0020 U	0.0011 U	0.0011 U	0.0064 U	0.0013 U	0.0015 U	0.0011 U	0.0012 U
TETRACHLOROETHYLENE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
TRANS-1,2-DICHLOROETHYLENE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
TRANS-1,3-DICHLOROPROPENE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U
TRICHLOROETHYLENE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0013 J	0.0074 U	0.0056 U	0.0060 U
VINYL CHLORIDE	0.0098 U	0.0057 U	0.0056 U	0.032 U	0.0063 U	0.0074 U	0.0056 U	0.0060 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-M-4	PG-M-5	PG-P-1	PG-P-1	PG-P-2	PG-P-2	PG-P-3	PG-P-3
Sample Date	11/22/2000	11/30/2000	11/22/2000	11/22/2000	11/30/2000	11/30/2000	11/22/00	11/22/00
Sample ID	PG-M-04	PG-M-05	PG-P-01	PG-P-01	PG-P-02	PG-P-02	PG-P-03	PG-P-03
Sample Depth	6-8'	6-6.5'	2-4'	8-10'	2-4'	4-6'	2-4'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
1,1,2,2-TETRACHLOROETHANE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
1,1,2-TRICHLOROETHANE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
1,1-DICHLOROETHANE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
1,1-DICHLOROETHYLENE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
1,2-DICHLOROETHANE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
1,2-DICHLOROPROPANE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
2-CHLOROETHYL VINYL ETHER	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
ACROLEIN	0.018 U	0.018 U	0.016 U	0.019 U	0.017 U	0.018 U	0.017 U	0.017 U
ACRYLONITRILE	0.0082 U	0.0085 U	0.0075 U	0.0088 U	0.0081 U	0.0082 U	0.0080 U	0.0080 U
BENZENE	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
BROMODICHLOROMETHANE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
BROMOFORM	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
BROMOMETHANE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
CARBON TETRACHLORIDE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
CHLOROBENZENE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
CHLOROETHANE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
CHLOROFORM	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
CHLOROMETHANE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
CIS-1,3-DICHLOROPROPENE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
DIBROMOCHLOROMETHANE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
DICHLOROMETHANE	0.0030 JB	0.0057 JB	0.0035 JB	0.0030 JB	0.0087 B	0.0061 B	0.0043 JB	0.0042 JB
ETHYLBENZENE	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
M&P-XYLENES	0.0024 U	0.0024 U	0.0022 U	0.0025 U	0.0023 U	0.0024 U	0.0023 U	0.0023 U
METHYLBENZENE	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
O-XYLENE	0.0012 U	0.0012 U	0.0011 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U
TETRACHLOROETHYLENE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
TRANS-1,2-DICHLOROETHYLENE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
TRANS-1,3-DICHLOROPROPENE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
TRICHLOROETHYLENE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U
VINYL CHLORIDE	0.0059 U	0.0061 U	0.0054 U	0.0063 U	0.0058 U	0.0060 U	0.0057 U	0.0057 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	**PG-PD-1**	**PG-PD-1**	**PG-PD-3**	**PG-PD-4**	**PG-PD-5**	**PG-PD-5**	**PG-PD-6**	**PG-PD-6**
Sample Date	11/21/2000	11/21/2000	11/29/2000	12/2/00	12/2/00	12/2/00	11/21/00	11/21/00
Sample ID	PG-PD-01	PG-PD-01	PG-PD-3	PG-PD-4	PG-PD-5	PG-PD-5	PG-PD-06	PG-PD-06
Sample Depth	2-4'	10-12'	4-6'	8-10'	0.7-1.5'	2-4'	6-8'	12-14'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
1,1,2,2-TETRACHLOROETHANE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
1,1,2-TRICHLOROETHANE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
1,1-DICHLOROETHANE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
1,1-DICHLOROETHYLENE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
1,2-DICHLOROETHANE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
1,2-DICHLOROPROPANE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
2-CHLOROETHYL VINYL ETHER	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
ACROLEIN	0.017 U	0.019 U	0.019 U	0.018 U	0.017 U	0.017 U	0.16 U	0.058 U
ACRYLONITRILE	0.0078 U	0.0088 U	0.0086 U	0.0085 U	0.0079 U	0.0078 U	0.074 U	0.027 U
BENZENE	0.0011 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.011 U	0.035
BROMODICHLOROMETHANE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
BROMOFORM	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
BROMOMETHANE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
CARBON TETRACHLORIDE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
CHLOROBENZENE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
CHLOROETHANE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
CHLOROFORM	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
CHLOROMETHANE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
CIS-1,3-DICHLOROPROPENE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
DIBROMOCHLOROMETHANE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
DICHLOROMETHANE	0.0073	0.0026 JB	0.0045 JB	0.0063 B	0.0060 B	0.0050 JB	0.025 JB	0.010 JB
ETHYLBENZENE	0.0011 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.011 U	0.012
M&P-XYLENES	0.0022 U	0.0025 U	0.0025 U	0.0024 U	0.0023 U	0.0022 U	0.021 U	0.029
METHYLBENZENE	0.0011 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.025	0.28
O-XYLENE	0.0011 U	0.0013 U	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.011 U	0.018
TETRACHLOROETHYLENE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
TRANS-1,2-DICHLOROETHYLENE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
TRANS-1,3-DICHLOROPROPENE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
TRICHLOROETHYLENE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U
VINYL CHLORIDE	0.0056 U	0.0063 U	0.0062 U	0.0061 U	0.0057 U	0.0056 U	0.053 U	0.019 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PD-8	PG-PD-8	PG-PD-8	PG-PD-9	PG-PD-9	PG-PD-10	PG-PD-10	PG-PD-11
Sample Date	11/29/00	11/29/00	11/29/00	12/4/00	12/4/00	11/28/2000	11/28/2000	11/27/2000
Sample ID	PG-PD-8	PG-PD-8	PG-PD-8	PG-PD-09	PG-PD-09	PG-PD-10	PG-PD-10	PG-PD-11
Sample Depth	2-4'	8-10'	16-17'	4-6'	8-10'	2-4'	6-8'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0016 J	0.066	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
1,1,2,2-TETRACHLOROETHANE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
1,1,2-TRICHLOROETHANE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
1,1-DICHLOROETHANE	0.0069 U	0.0072 J	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
1,1-DICHLOROETHYLENE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
1,2-DICHLOROETHANE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
1,2-DICHLOROPROPANE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
2-CHLOROETHYL VINYL ETHER	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
ACROLEIN	0.021 U	0.10 U	0.15 U	0.022 U	0.11 U	0.017 U	0.038 U	0.026 U
ACRYLONITRILE	0.0096 U	0.046 U	0.069 U	0.010 U	0.053 U	0.0080 U	0.018 U	0.012 U
BENZENE	0.0068	0.044	0.021	0.0015 U	0.0076 U	0.0011 U	0.0026 U	0.0018 U
BROMODICHLOROMETHANE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
BROMOFORM	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
BROMOMETHANE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
CARBON TETRACHLORIDE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
CHLOROBENZENE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
CHLOROETHANE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
CHLOROFORM	0.028	0.021 J	0.050 U	0.0027 J	0.038 U	0.0057 U	0.013 U	0.0088 U
CHLOROMETHANE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
CIS-1,3-DICHLOROPROPENE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
DIBROMOCHLOROMETHANE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
DICHLOROMETHANE	0.0037 JB	0.019 JB	0.043 JB	0.0046 JB	0.018 JB	0.0068 B	0.022 B	0.0028 JB
ETHYLBENZENE	0.0014 U	0.0073	0.010	0.0015 U	0.0076 U	0.0020	0.0026 U	0.0018 U
M&P-XYLENES	0.0019 J	0.017	0.019 J	0.0029 U	0.015 U	0.0043	0.0051 U	0.0035 U
METHYLBENZENE	0.31	3.3	1.8	0.0015 U	0.020	0.0017	0.0031	0.0018 U
O-XYLENE	0.0014 U	0.0071	0.010 U	0.0015 U	0.0076 U	0.0023	0.0026 U	0.0018 U
TETRACHLOROETHYLENE	0.0031 J	0.0078 J	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
TRANS-1,2-DICHLOROETHYLENE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
TRANS-1,3-DICHLOROPROPENE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
TRICHLOROETHYLENE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U
VINYL CHLORIDE	0.0069 U	0.033 U	0.050 U	0.0074 U	0.038 U	0.0057 U	0.013 U	0.0088 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PD-14	PG-PD-14	PG-Q1-1	PG-Q1-1	PG-RR-1	PG-RR-1	PG-RR-2	PG-RR-3
Sample Date	11/24/2000	11/24/2000	11/30/2000	11/30/2000	11/3/2000	11/3/2000	11/4/2000	11/3/2000
Sample ID	PG--PD-14	PG--PD-14	PG-Q1-1	PG-Q1-1	PG-RR-01	PG-RR-01	PG-RR-02	PG-RR-03
Sample Depth	2-4'	6-8'	2-4'	4-6'	0-1.2'	1.2-2'	0-2'	1.5-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
1,1,2,2-TETRACHLOROETHANE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
1,1,2-TRICHLOROETHANE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
1,1-DICHLOROETHANE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
1,1-DICHLOROETHYLENE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
1,2-DICHLOROETHANE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
1,2-DICHLOROPROPANE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
2-CHLOROETHYL VINYL ETHER	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
ACROLEIN	0.017 U	0.018 U	0.017 U	0.023 U	0.017 U	0.017 U	0.018 U	0.017 U
ACRYLONITRILE	0.0080 U	0.0082 U	0.0079 U	0.011 U	0.0081 U	0.0080 U	0.0082 U	0.0081 U
BENZENE	0.0011 U	0.0012 U	0.0011 U	0.0015 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U
BROMODICHLOROMETHANE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
BROMOFORM	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
BROMOMETHANE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
CARBON TETRACHLORIDE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
CHLOROBENZENE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
CHLOROETHANE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
CHLOROFORM	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
CHLOROMETHANE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
CIS-1,3-DICHLOROPROPENE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
DIBROMOCHLOROMETHANE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
DICHLOROMETHANE	0.0023 JB	0.0032 JB	0.0064 B	0.0096 B	0.011 B	0.0087 B	0.0051 JB	0.0082 B
ETHYLBENZENE	0.0011 U	0.0012 U	0.0011 U	0.0015 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U
M&P-XYLENES	0.0023 U	0.0024 U	0.0023 U	0.0031 U	0.0023 U	0.0023 U	0.0024 U	0.0023 U
METHYLBENZENE	0.0011 U	0.0012 U	0.0011 U	0.0015 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U
O-XYLENE	0.0011 U	0.0012 U	0.0011 U	0.0015 U	0.0012 U	0.0011 U	0.0012 U	0.0012 U
TETRACHLOROETHYLENE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
TRANS-1,2-DICHLOROETHYLENE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
TRANS-1,3-DICHLOROPROPENE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
TRICHLOROETHYLENE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U
VINYL CHLORIDE	0.0057 U	0.0059 U	0.0057 U	0.0077 U	0.0058 U	0.0057 U	0.0059 U	0.0058 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-RR-4	PG-RR-4	PG-RR-5	PG-RR-5	PG-RR-6	PG-RR-6	PG-RR-7	PG-RR-7
Sample Date	11/4/2000	11/4/2000	11/7/2000	11/7/2000	11/6/2000	11/6/2000	11/6/2000	11/6/2000
Sample ID	PG-RR-04	PG-RR-04	PG-RR-05	PG-RR-05	PG-RR-06	PG-RR-06	PG-RR-07	PG-RR-07
Sample Depth	0.6-2'	3-4'	1-2'	2-4'	1-2'	2-4'	0-2'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
1,1,2,2-TETRACHLOROETHANE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
1,1,2-TRICHLOROETHANE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
1,1-DICHLOROETHANE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
1,1-DICHLOROETHYLENE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
1,2-DICHLOROETHANE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
1,2-DICHLOROPROPANE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
2-CHLOROETHYL VINYL ETHER	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
ACROLEIN	0.017 U	2.3 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
ACRYLONITRILE	0.0078 U	1.1 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U	0.0075 U
BENZENE	0.0011 U	0.16 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
BROMODICHLOROMETHANE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
BROMOFORM	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
BROMOMETHANE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CARBON TETRACHLORIDE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CHLOROBENZENE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CHLOROETHANE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CHLOROFORM	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CHLOROMETHANE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CIS-1,3-DICHLOROPROPENE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
DIBROMOCHLOROMETHANE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
DICHLOROMETHANE	0.017 B	0.78 U	0.0050 J	0.0044 J	0.0057 B	0.0071 B	0.0054 JB	0.0061 B
ETHYLBENZENE	0.0011 U	0.16 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
M&P-XYLENES	0.0022 U	0.31 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
METHYLBENZENE	0.0011 U	0.16 U	0.0011 U	0.0011 U	0.0016	0.0011 U	0.0011 U	0.0011 U
O-XYLENE	0.0011 U	0.16 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
TETRACHLOROETHYLENE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
TRANS-1,2-DICHLOROETHYLENE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
TRANS-1,3-DICHLOROPROPENE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
TRICHLOROETHYLENE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
VINYL CHLORIDE	0.0056 U	0.78 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-RR-8	PG-RR-8	PG-RR-10	PG-RR-10	PG-RR-15	PG-RR-15	PG-STAIN-1	PG-STAIN-1
Sample Date	12/1/2000	12/1/2000	12/2/00	12/2/00	11/25/00	11/27/00	11/24/2000	11/24/2000
Sample ID	PG-RR-08	PG-RR-08	PG-RR10	PG-RR10	PG-RR-15	PG-RR-15	PG-STAIN-1	PG-STAIN-1
Sample Depth	2-4'	6-8'	2-2.5'	8-10'	0-2'	4-6'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
1,1,2,2-TETRACHLOROETHANE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
1,1,2-TRICHLOROETHANE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
1,1-DICHLOROETHANE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
1,1-DICHLOROETHYLENE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
1,2-DICHLOROETHANE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
1,2-DICHLOROPROPANE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
2-CHLOROETHYL VINYL ETHER	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
ACROLEIN	0.023 U	0.021 U	0.020 U	0.020 U	0.016 U	0.022 U	0.017 U	0.018 U
ACRYLONITRILE	0.011 U	0.0096 U	0.0094 U	0.0091 U	0.0072 U	0.010 U	0.0077 U	0.0083 U
BENZENE	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0010 U	0.0015 U	0.0011 U	0.0012 U
BROMODICHLOROMETHANE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
BROMOFORM	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
BROMOMETHANE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
CARBON TETRACHLORIDE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
CHLOROBENZENE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
CHLOROETHANE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
CHLOROFORM	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
CHLOROMETHANE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
CIS-1,3-DICHLOROPROPENE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
DIBROMOCHLOROMETHANE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
DICHLOROMETHANE	0.0026 JB	0.0022 JB	0.0047 JB	0.0067 B	0.010 B	0.0025 JB	0.0045 JB	0.0055 JB
ETHYLBENZENE	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0010 U	0.0015 U	0.0011 U	0.0012 U
M&P-XYLENES	0.0031 U	0.0028 U	0.0027 U	0.0017 J	0.0021 U	0.0029 U	0.0022 U	0.0024 U
METHYLBENZENE	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0010 U	0.0015 U	0.0011 U	0.0012 U
O-XYLENE	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0010 U	0.0015 U	0.0011 U	0.0012 U
TETRACHLOROETHYLENE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
TRANS-1,2-DICHLOROETHYLENE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
TRANS-1,3-DICHLOROPROPENE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
TRICHLOROETHYLENE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U
VINYL CHLORIDE	0.0078 U	0.0069 U	0.0068 U	0.0066 U	0.0052 U	0.0074 U	0.0056 U	0.0060 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-STAIN-02	PG-STAIN-02	PG-STAIN-03	PG-STAIN-03	PG-STAIN-3B	PG-STAIN-3B	PG-FS-1B	PG-FS-1B
Sample Date	11/11/2000	11/11/2000	11/10/2000	11/10/2000	11/11/00	11/11/00	11/17/2000	11/17/2000
Sample ID	PG-ST-02	PG-ST-02	PG-ST-03	PG-ST-03	PG-ST-3B	PG-ST-3B	PG-FS-01B	PG-FS-01B
Sample Depth	1-2'	2-3'	1.7-2.5'	2.5-3.5'	0-2'	2-4'	1-2'	6-6.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
1,1,2,2-TETRACHLOROETHANE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
1,1,2-TRICHLOROETHANE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
1,1-DICHLOROETHANE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
1,1-DICHLOROETHYLENE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
1,2-DICHLOROETHANE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
1,2-DICHLOROPROPANE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
2-CHLOROETHYL VINYL ETHER	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
ACROLEIN	0.018 U	0.018 U	2.2 U	2.4 U	0.016 U	0.016 U	0.15 U	0.024 U
ACRYLONITRILE	0.0082 U	0.0083 U	1.0 U	1.1 U	0.0075 U	0.0075 U	0.069 U	0.011 U
BENZENE	0.0012 U	0.0012 U	0.15 U	0.16 U	0.0011 U	0.0011 U	0.010 U	0.0016 U
BROMODICHLOROMETHANE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
BROMOFORM	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
BROMOMETHANE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
CARBON TETRACHLORIDE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
CHLOROBENZENE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
CHLOROETHANE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
CHLOROFORM	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
CHLOROMETHANE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
CIS-1,3-DICHLOROPROPENE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
DIBROMOCHLOROMETHANE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
DICHLOROMETHANE	0.0034 JB	0.0026 JB	0.17 J	0.79 U	0.0054 U	0.0026 JB	0.080	0.0038 JB
ETHYLBENZENE	0.0012 U	0.0012 U	0.15 U	0.16 U	0.0011 U	0.0011 U	0.010 U	0.0016 U
M&P-XYLENES	0.0024 U	0.0024 U	0.37	0.19 J	0.0022 U	0.0022 U	0.011 J	0.0032 U
METHYLBENZENE	0.0012 U	0.0012 U	0.15 U	0.16 U	0.0011 U	0.0011 U	0.078	0.0016 U
O-XYLENE	0.0012 U	0.0012 U	0.24	0.16 U	0.0011 U	0.0011 U	0.010 U	0.0016 U
TETRACHLOROETHYLENE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
TRANS-1,2-DICHLOROETHYLENE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
TRANS-1,3-DICHLOROPROPENE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
TRICHLOROETHYLENE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U
VINYL CHLORIDE	0.0059 U	0.0060 U	0.73 U	0.79 U	0.0054 U	0.0054 U	0.050 U	0.0081 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FS-1B	PG-FS-2	PG-FS-2	PG-FS-2	PG-FS-3	PG-FS-3	PG-FS-4	PG-FS-4
Sample Date	11/17/2000	11/17/2000	11/17/2000	11/17/2000	11/15/00	11/15/00	11/15/00	11/15/00
Sample ID	PG-FS-01B	PG-FS-02	PG-FS-02	PG-FS-02	PG-FS03	PG-FS03	PG-FS04	PG-FS04
Sample Depth	12-13.5'	2-4'	8-10'	17-18'	2-4'	6.5-8'	0.5-1'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
1,1,2,2-TETRACHLOROETHANE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
1,1,2-TRICHLOROETHANE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
1,1-DICHLOROETHANE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
1,1-DICHLOROETHYLENE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
1,2-DICHLOROETHANE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
1,2-DICHLOROPROPANE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
2-CHLOROETHYL VINYL ETHER	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
ACROLEIN	0.029 U	0.017 U	0.018 U	0.017 U	0.017 U	0.018 U	0.020 U	0.022 U
ACRYLONITRILE	0.013 U	0.0079 U	0.0085 U	0.0078 U	0.0080 U	0.0082 U	0.0091 U	0.010 U
BENZENE	0.0019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.0015 U
BROMODICHLOROMETHANE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
BROMOFORM	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
BROMOMETHANE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
CARBON TETRACHLORIDE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
CHLOROBENZENE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
CHLOROETHANE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
CHLOROFORM	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
CHLOROMETHANE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
CIS-1,3-DICHLOROPROPENE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
DIBROMOCHLOROMETHANE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
DICHLOROMETHANE	0.0059 JB	0.0024 JB	0.0049 JB	0.0029 JB	0.0021 JB	0.0059 U	0.0050 JB	0.0036 JB
ETHYLBENZENE	0.0019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.0015 U
M&P-XYLENES	0.0038 U	0.0023 U	0.0024 U	0.0022 U	0.0023 U	0.0024 U	0.0026 U	0.0029 U
METHYLBENZENE	0.0019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.0015 U
O-XYLENE	0.0019 U	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0013 U	0.0015 U
TETRACHLOROETHYLENE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
TRANS-1,2-DICHLOROETHYLENE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
TRANS-1,3-DICHLOROPROPENE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
TRICHLOROETHYLENE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U
VINYL CHLORIDE	0.0096 U	0.0057 U	0.0061 U	0.0056 U	0.0057 U	0.0059 U	0.0066 U	0.0074 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FS-6	PG-FS-6	PG-FS-7	PG-FS-7	PG-FS-8	PG-FILL-02	PG-FILL-03	PG-FILL-03
Sample Date	11/24/00	11/24/00	12/1/00	12/1/00	11/24/00	11/3/2000	11/4/2000	11/6/2000
Sample ID	PG-FS-06	PG-FS-06	PG-FS-7	PG-FS-7	PG-FS-08	PGFILL02	PGFILL03	PGFILL03
Sample Depth	1-2'	4-6'	2-4'	8-10'	0-2'	0.7-3'	0.5-2'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
1,1,2,2-TETRACHLOROETHANE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
1,1,2-TRICHLOROETHANE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
1,1-DICHLOROETHANE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
1,1-DICHLOROETHYLENE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
1,2-DICHLOROETHANE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
1,2-DICHLOROPROPANE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
2-CHLOROETHYL VINYL ETHER	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
ACROLEIN	0.016 U	0.019 U	0.019 U	0.019 U	0.016 U	0.019 U	0.016 U	0.017 U
ACRYLONITRILE	0.0075 U	0.0089 U	0.0088 U	0.0088 U	0.0074 U	0.0090 U	0.0075 U	0.0077 U
BENZENE	0.014	0.0013 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U
BROMODICHLOROMETHANE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
BROMOFORM	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
BROMOMETHANE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
CARBON TETRACHLORIDE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
CHLOROBENZENE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
CHLOROETHANE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
CHLOROFORM	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
CHLOROMETHANE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
CIS-1,3-DICHLOROPROPENE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
DIBROMOCHLOROMETHANE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
DICHLOROMETHANE	0.0054 B	0.0039 JB	0.0075 B	0.0049 JB	0.0039 JB	0.012 B	0.0054 U	0.0027 J
ETHYLBENZENE	0.0041	0.0013 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U
M&P-XYLENES	0.0097	0.0026 U	0.0025 U	0.0025 U	0.0021 U	0.0026 U	0.0022 U	0.0022 U
METHYLBENZENE	0.026	0.0013 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U
O-XYLENE	0.0049	0.0013 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0011 U	0.0011 U
TETRACHLOROETHYLENE	0.0054 U	0.0064 U	0.0032 J	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
TRANS-1,2-DICHLOROETHYLENE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
TRANS-1,3-DICHLOROPROPENE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
TRICHLOROETHYLENE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U
VINYL CHLORIDE	0.0054 U	0.0064 U	0.0063 U	0.0063 U	0.0053 U	0.0065 U	0.0054 U	0.0056 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-03	PG-FILL-04	PG-FILL-04	PG-FILL-04	PG-FILL-04	PG-FILL-5	PG-FILL-5	PG-FILL-7
Sample Date	11/6/2000	11/6/2000	11/6/2000	11/6/2000	11/6/2000	11/18/2000	11/18/2000	12/4/2000
Sample ID	PGFILL03	PGFILL04	PGFILL04	PGFILL04	PGFILL04	PG-FILL-5	PG-FILL-5	PG-FILL7
Sample Depth	4-6'	0-2'	2-4'	4-6'	7-8'	2-4'	6-8'	1-2.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
1,1,2,2-TETRACHLOROETHANE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
1,1,2-TRICHLOROETHANE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
1,1-DICHLOROETHANE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
1,1-DICHLOROETHYLENE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
1,2-DICHLOROETHANE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
1,2-DICHLOROPROPANE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
2-CHLOROETHYL VINYL ETHER	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
ACROLEIN	0.017 U	0.017 U	0.017 U	0.017 U	0.019 U	0.016 U	0.017 U	0.016 U
ACRYLONITRILE	0.0077 U	0.0081 U	0.0078 U	0.0080 U	0.0087 U	0.0075 U	0.0081 U	0.0075 U
BENZENE	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
BROMODICHLOROMETHANE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
BROMOFORM	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
BROMOMETHANE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
CARBON TETRACHLORIDE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
CHLOROBENZENE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
CHLOROETHANE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
CHLOROFORM	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
CHLOROMETHANE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
CIS-1,3-DICHLOROPROPENE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
DIBROMOCHLOROMETHANE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
DICHLOROMETHANE	0.0033 J	0.0054 J	0.0091 B	0.0075 B	0.0066 B	0.0033 JB	0.0051 J	0.0038 JB
ETHYLBENZENE	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
M&P-XYLENES	0.0022 U	0.0023 U	0.0022 U	0.0023 U	0.0025 U	0.0022 U	0.0023 U	0.0022 U
METHYLBENZENE	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
O-XYLENE	0.0011 U	0.0012 U	0.0011 U	0.0011 U	0.0012 U	0.0011 U	0.0012 U	0.0011 U
TETRACHLOROETHYLENE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
TRANS-1,2-DICHLOROETHYLENE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
TRANS-1,3-DICHLOROPROPENE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
TRICHLOROETHYLENE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U
VINYL CHLORIDE	0.0056 U	0.0058 U	0.0056 U	0.0057 U	0.0062 U	0.0054 U	0.0058 U	0.0054 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-7	PG-FILL-7	PG-FILL-8	PG-FILL-8	PG-FILL-10	PG-FILL-10	PG-FILL-11	PG-FILL-11
Sample Date	12/4/2000	12/4/2000	12/2/2000	12/2/2000	12/1/2000	12/1/2000	11/21/2000	11/21/2000
Sample ID	PG-FILL7	PG-FILL7	PG-FILL08	PG-FILL08	PG-FILL10	PG-FILL10	PG-FILL11	PG-FILL11
Sample Depth	2.5-4'	10-12'	0-2'	6-8'	3-4'	6.4-8.2'	1-2'	2-3.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
1,1,2,2-TETRACHLOROETHANE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
1,1,2-TRICHLOROETHANE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
1,1-DICHLOROETHANE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0025 J
1,1-DICHLOROETHYLENE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
1,2-DICHLOROETHANE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
1,2-DICHLOROPROPANE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
2-CHLOROETHYL VINYL ETHER	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
ACROLEIN	0.017 U	0.032 U	0.018 U	0.031 U	0.016 U	0.036 U	0.025 U	0.018 U
ACRYLONITRILE	0.0078 U	0.015 U	0.0082 U	0.014 U	0.0076 U	0.016 U	0.012 U	0.0085 U
BENZENE	0.0011 U	0.0021 U	0.0012 U	0.0021 U	0.0011 U	0.0024 U	0.0017 U	0.0012 U
BROMODICHLOROMETHANE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
BROMOFORM	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
BROMOMETHANE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
CARBON TETRACHLORIDE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
CHLOROBENZENE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
CHLOROETHANE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
CHLOROFORM	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
CHLOROMETHANE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
CIS-1,3-DICHLOROPROPENE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
DIBROMOCHLOROMETHANE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
DICHLOROMETHANE	0.0019 JB	0.0052 JB	0.0037 JB	0.0069 JB	0.0096 B	0.023 B	0.013	0.0071
ETHYLBENZENE	0.0011 U	0.0021 U	0.0012 U	0.0021 U	0.0011 U	0.0024 U	0.0017 U	0.0012 U
M&P-XYLENES	0.0022 U	0.0043 U	0.0024 U	0.0042 U	0.0022 U	0.0048 U	0.0033 U	0.0024 U
METHYLBENZENE	0.0011 U	0.0021 U	0.0012 U	0.0021 U	0.0011 U	0.0024 U	0.0017 U	0.0012 U
O-XYLENE	0.0011 U	0.0021 U	0.0012 U	0.0021 U	0.0011 U	0.0024 U	0.0017 U	0.0012 U
TETRACHLOROETHYLENE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
TRANS-1,2-DICHLOROETHYLENE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
TRANS-1,3-DICHLOROPROPENE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
TRICHLOROETHYLENE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U
VINYL CHLORIDE	0.0056 U	0.011 U	0.0060 U	0.010 U	0.0055 U	0.012 U	0.0083 U	0.0061 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-12	PG-FILL-13	PG-FILL-13	PG-FILL-14	PG-FILL-14	PG-FILL-15	PG-FILL-15	PG-FILL-16
Sample Date	11/27/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/25/2000	11/25/2000	11/24/2000
Sample ID	PG-FILL12	PG-FILL13	PG-FILL13	PG-FILL14	PG-FILL14	PG-FILL15	PG-FILL15	PG-FILL16
Sample Depth	1-2'	1-3'	3-5'	4-6'	6-8'	4-6'	12-13'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
1,1,2,2-TETRACHLOROETHANE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
1,1,2-TRICHLOROETHANE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
1,1-DICHLOROETHANE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
1,1-DICHLOROETHYLENE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
1,2-DICHLOROETHANE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
1,2-DICHLOROPROPANE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
2-CHLOROETHYL VINYL ETHER	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
ACROLEIN	0.020 U	0.018 U	0.018 U	0.018 U	0.018 U	2.5 U	0.017 U	0.018 U
ACRYLONITRILE	0.0091 U	0.0082 U	0.0082 U	0.0085 U	0.0082 U	1.2 U	0.0081 U	0.0082 U
BENZENE	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.17 U	0.0012 U	0.0012 U
BROMODICHLOROMETHANE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
BROMOFORM	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
BROMOMETHANE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
CARBON TETRACHLORIDE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
CHLOROBENZENE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
CHLOROETHANE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
CHLOROFORM	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
CHLOROMETHANE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
CIS-1,3-DICHLOROPROPENE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
DIBROMOCHLOROMETHANE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
DICHLOROMETHANE	0.0021 JB	0.0054 JB	0.0051 JB	0.0068 B	0.0066 B	0.83 U	0.0025 JB	0.0025 JB
ETHYLBENZENE	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.17 U	0.0012 U	0.0012 U
M&P-XYLENES	0.0026 U	0.0024 U	0.0024 U	0.0024 U	0.0024 U	0.33 U	0.0023 U	0.0024 U
METHYLBENZENE	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.17 U	0.0012 U	0.0012 U
O-XYLENE	0.0013 U	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.17 U	0.0012 U	0.0012 U
TETRACHLOROETHYLENE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
TRANS-1,2-DICHLOROETHYLENE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
TRANS-1,3-DICHLOROPROPENE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
TRICHLOROETHYLENE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U
VINYL CHLORIDE	0.0066 U	0.0059 U	0.0060 U	0.0061 U	0.0060 U	0.83 U	0.0058 U	0.0059 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-17	PG-FILL-17	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20
Sample Date	11/24/2000	11/24/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000
Sample ID	PG-FILL-17	PG-FILL-17	PGFILL20-	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL20
Sample Depth	0-2'	2-4'	0.2-2'	2-4'	4-6'	6-8'	8-10'	10-12'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
1,1,2,2-TETRACHLOROETHANE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
1,1,2-TRICHLOROETHANE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
1,1-DICHLOROETHANE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
1,1-DICHLOROETHYLENE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
1,2-DICHLOROETHANE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
1,2-DICHLOROPROPANE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
2-CHLOROETHYL VINYL ETHER	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
ACROLEIN	0.016 U	0.017 U	0.016 U	0.14 U	0.15 U	0.14 U	0.15 U	0.14 U
ACRYLONITRILE	0.0076 U	0.0077 U	0.0075 U	0.065 U	0.071 U	0.067 U	0.071 U	0.067 U
BENZENE	0.0011 U	0.0011 U	0.0011 U	0.0094 U	0.010 U	0.0096 U	0.010 U	0.0096 U
BROMODICHLOROMETHANE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
BROMOFORM	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
BROMOMETHANE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
CARBON TETRACHLORIDE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
CHLOROBENZENE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
CHLOROETHANE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
CHLOROFORM	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
CHLOROMETHANE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
CIS-1,3-DICHLOROPROPENE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
DIBROMOCHLOROMETHANE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
DICHLOROMETHANE	0.0060 B	0.0034 JB	0.0073 B	0.047 U	0.048 JB	0.043 JB	0.051 U	0.048 U
ETHYLBENZENE	0.0011 U	0.0011 U	0.0012	0.0094 U	0.010 U	0.0096 U	0.010 U	0.0096 U
M&P-XYLENES	0.0022 U	0.0022 U	0.0036	0.019 U	0.020 U	0.019 U	0.020 U	0.019 U
METHYLBENZENE	0.0013	0.0011 U	0.0011	0.0094 U	0.010 U	0.0096 U	0.010 U	0.0096 U
O-XYLENE	0.0011 U	0.0011 U	0.0015	0.0094 U	0.010 U	0.0096 U	0.010 U	0.0096 U
TETRACHLOROETHYLENE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
TRANS-1,2-DICHLOROETHYLENE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
TRANS-1,3-DICHLOROPROPENE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
TRICHLOROETHYLENE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U
VINYL CHLORIDE	0.0055 U	0.0056 U	0.0054 U	0.047 U	0.051 U	0.048 U	0.051 U	0.048 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-21	PG-FILL-21	PG-FILL-25	PG-FILL-25	PG-FILL-25
Sample Date	11/2/2000	11/2/2000	11/2/2000	11/13/2000	11/13/2000	12/1/2000	12/1/2000	12/1/2000
Sample ID	PGFILL20	PGFILL20	PGFILL20	PGFILL21	PGFILL21	PG-FILL25	PG-FILL25	PG-FILL25
Sample Depth	12-14'	14-15.5'	15.5-16'	2-4'	8-10'	0-2'	4-6'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
1,1,2,2-TETRACHLOROETHANE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
1,1,2-TRICHLOROETHANE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
1,1-DICHLOROETHANE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
1,1-DICHLOROETHYLENE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
1,2-DICHLOROETHANE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
1,2-DICHLOROPROPANE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
2-CHLOROETHYL VINYL ETHER	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
ACROLEIN	0.14 U	0.15 U	0.042 U	0.016 U	0.017 U	0.024 U	0.029 U	0.021 U
ACRYLONITRILE	0.064 U	0.069 U	0.019 U	0.0072 U	0.0077 U	0.011 U	0.014 U	0.0098 U
BENZENE	0.0093 U	0.010 U	0.0028 U	0.0010 U	0.0011 U	0.0016 U	0.0020 U	0.0014 U
BROMODICHLOROMETHANE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
BROMOFORM	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
BROMOMETHANE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
CARBON TETRACHLORIDE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
CHLOROBENZENE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
CHLOROETHANE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
CHLOROFORM	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
CHLOROMETHANE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
CIS-1,3-DICHLOROPROPENE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
DIBROMOCHLOROMETHANE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
DICHLOROMETHANE	0.048 B	0.050 U	0.011 JB	0.0026 JB	0.0025 JB	0.0029 JB	0.0054 JB	0.0045 JB
ETHYLBENZENE	0.0093 U	0.010 U	0.0028 U	0.0010 U	0.0011 U	0.0016 U	0.0020 U	0.0014 U
M&P-XYLENES	0.019 U	0.020 U	0.0056 U	0.0021 U	0.0022 U	0.0032 U	0.0039 U	0.0028 U
METHYLBENZENE	0.0093 U	0.010 U	0.0038	0.0010 U	0.0011 U	0.0016 U	0.0020 U	0.0014 U
O-XYLENE	0.0093 U	0.010 U	0.0028 U	0.0010 U	0.0011 U	0.0016 U	0.0020 U	0.0014 U
TETRACHLOROETHYLENE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
TRANS-1,2-DICHLOROETHYLENE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
TRANS-1,3-DICHLOROPROPENE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
TRICHLOROETHYLENE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U
VINYL CHLORIDE	0.046 U	0.050 U	0.014 U	0.0052 U	0.0056 U	0.0081 U	0.0098 U	0.0070 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST1-2	PG-UST1-2	PG-UST2-1	PG-UST2-1	PG-UST2-1A	PG-UST2-1B	PG-UST2-1B	PG-UST2-2
Sample Date	11/20/2000	11/20/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000
Sample ID	PG-UST1-2	PG-UST1-2	PG-UST2-1	PG-UST2-1	PG-UST2-1A	PG-UST2-1B	PG-UST2-1B	PG-UST2-2
Sample Depth	2-4'	12-14'	6-7'	8-10'	0-2'	2-4'	4-5.5'	4-5.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
1,1,2,2-TETRACHLOROETHANE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
1,1,2-TRICHLOROETHANE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
1,1-DICHLOROETHANE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
1,1-DICHLOROETHYLENE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
1,2-DICHLOROETHANE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
1,2-DICHLOROPROPANE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
2-CHLOROETHYL VINYL ETHER	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
ACROLEIN	0.016 U	0.018 U	0.018 U	0.090 U	0.068 U	0.021 U	0.017 U	0.017 U
ACRYLONITRILE	0.0075 U	0.0082 U	0.0082 U	0.042 U	0.032 U	0.0099 U	0.0077 U	0.0080 U
BENZENE	0.0011 U	0.0012 U	0.0012 U	0.0060 U	0.0045 U	0.0014 U	0.0011 U	0.0011 U
BROMODICHLOROMETHANE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
BROMOFORM	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
BROMOMETHANE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
CARBON TETRACHLORIDE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
CHLOROBENZENE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
CHLOROETHANE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
CHLOROFORM	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
CHLOROMETHANE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
CIS-1,3-DICHLOROPROPENE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
DIBROMOCHLOROMETHANE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
DICHLOROMETHANE	0.0055	0.0049 J	0.0089 B	0.035 B	0.0091 JB	0.0031 JB	0.011 B	0.0030 JB
ETHYLBENZENE	0.0011 U	0.0012 U	0.0012 U	0.0060 U	0.0045 U	0.0016	0.0021	0.0011 U
M&P-XYLENES	0.0022 U	0.0024 U	0.0024 U	0.0082 J	0.0091 U	0.0029 U	0.0032	0.0023 U
METHYLBENZENE	0.0011 U	0.0012 U	0.0012 U	0.0060 U	0.0045 U	0.0014 U	0.0013	0.0011 U
O-XYLENE	0.0011 U	0.0012 U	0.0012 U	0.011	0.0045 U	0.0014 U	0.0054	0.0011 U
TETRACHLOROETHYLENE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
TRANS-1,2-DICHLOROETHYLENE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
TRANS-1,3-DICHLOROPROPENE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
TRICHLOROETHYLENE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U
VINYL CHLORIDE	0.0054 U	0.0060 U	0.0060 U	0.030 U	0.023 U	0.0071 U	0.0056 U	0.0057 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST2-2	PG-UST2-3	PG-UST2-3	PG-UST2-3	PG-UST4-1	PG-UST4-1	PG-UST4-1	PG-UST4-2
Sample Date	11/30/2000	12/1/2000	12/1/2000	12/1/2000	11/20/2000	11/20/2000	11/20/2000	11/20/2000
Sample ID	PG-UST2-2	PG-UST2-3	PG-UST2-3	PG-UST2-3	PG-UST4-1	PG-UST4-1	PG-UST4-1	PG-UST4-2
Sample Depth	10-12'	2-4'	7.5-9'	12-14'	2-4'	10-11.5	14-15.5'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
1,1,2,2-TETRACHLOROETHANE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
1,1,2-TRICHLOROETHANE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
1,1-DICHLOROETHANE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
1,1-DICHLOROETHYLENE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
1,2-DICHLOROETHANE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
1,2-DICHLOROPROPANE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
2-CHLOROETHYL VINYL ETHER	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
ACROLEIN	0.019 U	0.019 U	0.12 U	0.029 U	0.019 U	0.021 U	0.097 U	0.020 U
ACRYLONITRILE	0.0089 U	0.0086 U	0.058 U	0.013 U	0.0088 U	0.0095 U	0.045 U	0.0092 U
BENZENE	0.0013 U	0.0012 U	0.0083 U	0.0047	0.0013 U	0.0014 U	0.0065 U	0.0013 U
BROMODICHLOROMETHANE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
BROMOFORM	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
BROMOMETHANE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
CARBON TETRACHLORIDE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
CHLOROBENZENE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
CHLOROETHANE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
CHLOROFORM	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
CHLOROMETHANE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
CIS-1,3-DICHLOROPROPENE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
DIBROMOCHLOROMETHANE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
DICHLOROMETHANE	0.0067 B	0.0057 JB	0.018 JB	0.0039 JB	0.0076 B	0.0078	0.030 J	0.0037 J
ETHYLBENZENE	0.0013 U	0.0012 U	0.0083 U	0.018	0.0013 U	0.0014 U	0.0065 U	0.0013 U
M&P-XYLENES	0.0026 U	0.0025 U	0.017 U	0.0045	0.0025 U	0.0027 U	0.013 U	0.0027 U
METHYLBENZENE	0.0013 U	0.0012 U	0.0083 U	0.0056	0.0013 U	0.0026	0.0065 U	0.0013 U
O-XYLENE	0.0013 U	0.0012 U	0.0083 U	0.0041	0.0013 U	0.0014 U	0.0065 U	0.0013 U
TETRACHLOROETHYLENE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
TRANS-1,2-DICHLOROETHYLENE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
TRANS-1,3-DICHLOROPROPENE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
TRICHLOROETHYLENE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U
VINYL CHLORIDE	0.0064 U	0.0062 U	0.042 U	0.0096 U	0.0063 U	0.0068 U	0.032 U	0.0067 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST4-2	PG-UST5-2	PG-UST6-2	PG-UST6-2	PG-UST6-2	PG-UST6-3	PG-UST6-3	PG-UST7-1
Sample Date	11/20/2000	11/27/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000
Sample ID	PG-UST4-2	PG-UST5-2	PG-UST6-2	PG-UST6-2	PG-UST6-2	PG-UST6-3	PG-UST6-3	PG-UST7-1
Sample Depth	12-14'	4-6'	4-6'	8-10'	16-18'	1.5-2'	14-16'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
1,1,2,2-TETRACHLOROETHANE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
1,1,2-TRICHLOROETHANE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
1,1-DICHLOROETHANE	0.0075 U	0.0093 U	0.0048 J	0.0067 J	0.0066 J	0.0059 U	0.019 J	0.0059 U
1,1-DICHLOROETHYLENE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
1,2-DICHLOROETHANE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
1,2-DICHLOROPROPANE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
2-CHLOROETHYL VINYL ETHER	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
ACROLEIN	0.022 U	0.028 U	0.030 U	0.035 U	0.037 U	0.018 U	0.23 U	0.018 U
ACRYLONITRILE	0.010 U	0.013 U	0.014 U	0.016 U	0.017 U	0.0082 U	0.11 U	0.0082 U
BENZENE	0.0015 U	0.0019 U	0.0020 U	0.0023 U	0.0024 U	0.0012 U	0.016 U	0.0012 U
BROMODICHLOROMETHANE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
BROMOFORM	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
BROMOMETHANE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
CARBON TETRACHLORIDE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
CHLOROBENZENE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
CHLOROETHANE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
CHLOROFORM	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
CHLOROMETHANE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
CIS-1,3-DICHLOROPROPENE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
DIBROMOCHLOROMETHANE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
DICHLOROMETHANE	0.0038 JB	0.0029 JB	0.0098 JB	0.011 JB	0.0094 JB	0.0063 B	0.076 JB	0.0075 B
ETHYLBENZENE	0.0015 U	0.0019 U	0.0037	0.0027	0.0024 U	0.0012 U	0.016 U	0.0012 U
M&P-XYLENES	0.0030 U	0.0037 U	0.0040 U	0.0047 U	0.0028 J	0.0024 U	0.031 U	0.0024 U
METHYLBENZENE	0.0044	0.0019 U	0.0020 U	0.0075	0.0024 U	0.0020	0.016 U	0.0012 U
O-XYLENE	0.0015 U	0.0019 U	0.0020 U	0.0030	0.0024 U	0.0012 U	0.016 U	0.0012 U
TETRACHLOROETHYLENE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
TRANS-1,2-DICHLOROETHYLENE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
TRANS-1,3-DICHLOROPROPENE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
TRICHLOROETHYLENE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U
VINYL CHLORIDE	0.0075 U	0.0093 U	0.010 U	0.012 U	0.012 U	0.0059 U	0.078 U	0.0059 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST7-1A	PG-UST7-1B	PG-UST7-2	PG-UST7-2	PG-UST9-1	PG-UST9-1	PG-WOOD-1C	PG-WOOD-3
Sample Date	11/28/2000	11/28/2000	11/21/2000	11/21/2000	11/25/2000	11/25/2000	11/9/2000	11/10/2000
Sample ID	PG-UST7-1A	PG-UST7-1B	PG-UST7-2	PG-UST7-2	PG-UST9-1	PG-UST9-1	PG-WD-01C	PG-WD-03
Sample Depth	0-2'	2-3.5'	8-10'	10-12'	2-4'	8-10'	10-12'	0.5-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0015 J	0.0059 U	0.0093 U	0.0056 U
1,1,2,2-TETRACHLOROETHANE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
1,1,2-TRICHLOROETHANE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
1,1-DICHLOROETHANE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
1,1-DICHLOROETHYLENE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
1,2-DICHLOROETHANE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
1,2-DICHLOROPROPANE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
2-CHLOROETHYL VINYL ETHER	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
ACROLEIN	0.016 U	0.017 U	0.086 U	0.090 U	0.018 U	0.018 U	0.028 U	0.017 U
ACRYLONITRILE	0.0075 U	0.0079 U	0.040 U	0.042 U	0.0082 U	0.0082 U	0.013 U	0.0077 U
BENZENE	0.0011 U	0.0011 U	0.0057 U	0.0060 U	0.0012 U	0.0012 U	0.0019 U	0.0011 U
BROMODICHLOROMETHANE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
BROMOFORM	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
BROMOMETHANE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
CARBON TETRACHLORIDE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
CHLOROBENZENE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
CHLOROETHANE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
CHLOROFORM	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
CHLOROMETHANE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
CIS-1,3-DICHLOROPROPENE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
DIBROMOCHLOROMETHANE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
DICHLOROMETHANE	0.0060 B	0.0075 B	0.016 JB	0.015 JB	0.0018 JB	0.0024 JB	0.0088 JB	0.0028 JB
ETHYLBENZENE	0.0011 U	0.0011 U	0.0057 U	0.0060 U	0.0012 U	0.0012 U	0.0019 U	0.0011 U
M&P-XYLENES	0.0022 U	0.0014 J	0.011 U	0.012 U	0.0024 U	0.0024 U	0.0037 U	0.0022 U
METHYLBENZENE	0.0011 U	0.0011 U	0.0057 U	0.0060 U	0.0012 U	0.0012 U	0.0019 U	0.0011 U
O-XYLENE	0.0011 U	0.0024	0.0057 U	0.0060 U	0.0012 U	0.0012 U	0.0019 U	0.0011 U
TETRACHLOROETHYLENE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
TRANS-1,2-DICHLOROETHYLENE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
TRANS-1,3-DICHLOROPROPENE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
TRICHLOROETHYLENE	0.0013 J	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U
VINYL CHLORIDE	0.0054 U	0.0057 U	0.029 U	0.030 U	0.0060 U	0.0059 U	0.0093 U	0.0056 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-WOOD-3	PG-WOOD-3	PG-WOOD-3	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05
Sample Date	11/10/2000	11/29/2000	11/29/2000	11/7/2000	11/7/2000	11/7/2000	11/7/00	11/7/00
Sample ID	PG-WD-03	PG-WOOD-3	PG-WOOD-3	PG-WD-05	PG-WD-05	PG-WD-05	PG-WD-05	PG-WD-05
Sample Depth	2-4'	2-4'	6-8'	0-2'	2-4'	4-6'	6-8'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
1,1,2,2-TETRACHLOROETHANE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
1,1,2-TRICHLOROETHANE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
1,1-DICHLOROETHANE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
1,1-DICHLOROETHYLENE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
1,2-DICHLOROETHANE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
1,2-DICHLOROPROPANE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
2-CHLOROETHYL VINYL ETHER	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
ACROLEIN	0.018 U	0.018 U	0.029 U	0.018 U	0.018 U	0.018 U	0.021 U	0.025 U
ACRYLONITRILE	0.0082 U	0.0082 U	0.014 U	0.0083 U	0.0083 U	0.0083 U	0.0095 U	0.012 U
BENZENE	0.0012 U	0.0012 U	0.0020 U	0.0012 U	0.0012 U	0.0012 U	0.0014 U	0.0017 U
BROMODICHLOROMETHANE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
BROMOFORM	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
BROMOMETHANE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
CARBON TETRACHLORIDE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
CHLOROBENZENE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
CHLOROETHANE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
CHLOROFORM	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
CHLOROMETHANE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
CIS-1,3-DICHLOROPROPENE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
DIBROMOCHLOROMETHANE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
DICHLOROMETHANE	0.0025 JB	0.0058 JB	0.0089 JB	0.0060 U	0.0060 U	0.0043 J	0.0079	0.0085 U
ETHYLBENZENE	0.0012 U	0.0012 U	0.0020 U	0.0012 U	0.0012 U	0.0012 U	0.0014 U	0.0017 U
M&P-XYLENES	0.0024 U	0.0024 U	0.0039 U	0.0024 U	0.0024 U	0.0024 U	0.0027 U	0.0034 U
METHYLBENZENE	0.0012 U	0.0012 U	0.0020 U	0.0012 U	0.0012 U	0.0012 U	0.0014 U	0.0017 U
O-XYLENE	0.0012 U	0.0012 U	0.0020 U	0.0012 U	0.0012 U	0.0012 U	0.0014 U	0.0017 U
TETRACHLOROETHYLENE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
TRANS-1,2-DICHLOROETHYLENE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
TRANS-1,3-DICHLOROPROPENE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
TRICHLOROETHYLENE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U
VINYL CHLORIDE	0.0059 U	0.0059 U	0.0098 U	0.0060 U	0.0060 U	0.0060 U	0.0068 U	0.0085 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-10D	PG-PA-MW-10D	PG-MW10D	PG-MW10D	PG-PA-MW-11D	PG-PA-MW-12	PG-PA-MW-12	PG-PA-MW-12	PG-PA-MW-12
Sample Date	11/27/2000	11/27/2000	11/27/2000	11/27/2000	11/15/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000
Sample ID	PG-PAMW10D	PG-PAMW10D	PG-MW10D	PG-MW10D	PG-PAMW-11D	PG-MWPA12	PG-MWPA12	PG-MWPA12	PG-MWPA12
Sample Depth	0.5-2'	4-6'	7-8'	8-10'	0-2'	0-1.5'	1.5-2.4'	6-8'	18-20'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
1,1,2,2-TETRACHLOROETHANE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
1,1,2-TRICHLOROETHANE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
1,1-DICHLOROETHANE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
1,1-DICHLOROETHYLENE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
1,2-DICHLOROETHANE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
1,2-DICHLOROPROPANE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
2-CHLOROETHYL VINYL ETHER	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
ACROLEIN	0.017 U	0.017 U	0.021 U	2.9 U	0.016 U	0.017 U	0.13 U	0.16 U	4.3 U
ACRYLONITRILE	0.0077 U	0.0079 U	0.0095 U	1.3 U	0.0075 U	0.0078 U	0.059 U	0.074 U	2.0 U
BENZENE	0.0011 U	0.0011 U	0.0014 U	0.32	0.0011 U	0.0011 U	0.0085 U	0.011 U	0.28 U
BROMODICHLOROMETHANE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
BROMOFORM	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
BROMOMETHANE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
CARBON TETRACHLORIDE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
CHLOROBENZENE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
CHLOROETHANE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
CHLOROFORM	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
CHLOROMETHANE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
CIS-1,3-DICHLOROPROPENE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
DIBROMOCHLOROMETHANE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
DICHLOROMETHANE	0.0021 JB	0.0024 JB	0.010 B	0.96 U	0.0030 JB	0.0056 U	0.036 JB	0.060 B	1.4 U
ETHYLBENZENE	0.0011 U	0.0011 U	0.0014 U	0.28	0.0011 U	0.0011 U	0.0085 U	0.011 U	0.28 U
M&P-XYLENES	0.0022 U	0.0023 U	0.0027 U	0.72	0.0022 U	0.0022 U	0.017 U	0.021 U	0.57 U
METHYLBENZENE	0.0011 U	0.0011 U	0.0027	0.43	0.0011 U	0.0011 U	0.0085 U	0.011 U	0.28 U
O-XYLENE	0.0011 U	0.0011 U	0.0014 U	0.24	0.0011 U	0.0011 U	0.0085 U	0.011 U	0.28 U
TETRACHLOROETHYLENE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
TRANS-1,2-DICHLOROETHYLENE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
TRANS-1,3-DICHLOROPROPENE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
TRICHLOROETHYLENE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U
VINYL CHLORIDE	0.0056 U	0.0057 U	0.0068 U	0.96 U	0.0054 U	0.0056 U	0.042 U	0.053 U	1.4 U

Table 5A
Soil Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-13	PG-PA-MW-13	PG-PA-MW-14D	PG-PA-MW-14D
Sample Date	11/15/2000	11/20/2000	11/15/2000	11/17/2000
Sample ID	PG-PAMW-13	PG-PAMW13	PG-PAMW-14D	PAMW14D
Sample Depth	1-2.5'	2.5-4'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
1,1,2,2-TETRACHLOROETHANE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
1,1,2-TRICHLOROETHANE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
1,1-DICHLOROETHANE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
1,1-DICHLOROETHYLENE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
1,2-DICHLOROETHANE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
1,2-DICHLOROPROPANE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
2-CHLOROETHYL VINYL ETHER	0.0063 U	0.0060 U	0.0060 U	0.0070 U
ACROLEIN	0.019 U	0.018 U	0.018 U	0.021 U
ACRYLONITRILE	0.0088 U	0.0083 U	0.0082 U	0.0098 U
BENZENE	0.0013 U	0.0012 U	0.0012 U	0.0014 U
BROMODICHLOROMETHANE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
BROMOFORM	0.0063 U	0.0060 U	0.0060 U	0.0070 U
BROMOMETHANE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
CARBON TETRACHLORIDE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
CHLOROBENZENE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
CHLOROETHANE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
CHLOROFORM	0.0063 U	0.0060 U	0.0060 U	0.0070 U
CHLOROMETHANE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
CIS-1,3-DICHLOROPROPENE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
DIBROMOCHLOROMETHANE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
DICHLOROMETHANE	0.0039 JB	0.0048 J	0.0033 JB	0.0031 JB
ETHYLBENZENE	0.0019	0.0012	0.0012 U	0.0014 U
M&P-XYLENES	0.0014 J	0.0017 J	0.0024 U	0.0028 U
METHYLBENZENE	0.0018	0.0012 U	0.0012 U	0.0014 U
O-XYLENE	0.0013 U	0.0016	0.0012 U	0.0014 U
TETRACHLOROETHYLENE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
TRANS-1,2-DICHLOROETHYLENE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
TRANS-1,3-DICHLOROPROPENE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
TRICHLOROETHYLENE	0.0063 U	0.0060 U	0.0060 U	0.0070 U
VINYL CHLORIDE	0.0063 U	0.0060 U	0.0060 U	0.0070 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-A-1	PG-A-2	PG-A-2	PG-A-3	PG-A-3	PG-A-3	PG-A-4	PG-A-4
Sample Date	12/2/2000	11/29/2000	11/29/2000	11/16/2000	11/16/2000	11/16/2000	11/16/2000	11/16/2000
Sample ID	PG-A-01	PG-A-02	PG-A-02	PG-A-03	PG-A-03	PG-A-03	PG-A-04	PG-A-04
Sample Depth	2-4'	0-2'	2-4'	2.4-4'	6-8'	10-12'	6-8'	12-14'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
1,2-BENZPHENANTHRACENE	0.26	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
1,2-DICHLOROBENZENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
1,2-DIPHENYLHYDRAZINE	0.042 U	0.035 U	0.063 U	0.083 U	0.065 U	0.056 U	0.046 U	0.071 U
1,4-DICHLOROBENZENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
2,4,6-TRICHLORORPHENOL	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
2,4-DICHLOROPHENOL	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
2,4-DIMETHYLPHENOL	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
2,4-DINITROPHENOL	0.42 U	0.35 U	0.63 U	0.83 U	0.65 U	0.56 U	0.46 U	0.71 U
2,4-DINITROTOLUENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
2,6-DINITROTOLUENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
2-CHLORORNAPHTHALENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
2-CHLOROPHENOL	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
2-NITROPHENOL	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
3,3'-DICHLOROBENZIDINE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
4,6-DINITRO-O-CRESOL	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
4-BROMOPHENYLPHENYL ETHER	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
4-CHLORO-3-METHYLPHENOL	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
4-CHLOROPHENYLPHENYL ETHE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
4-NITROPHENOL	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
ACENAPHTHENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
ACENAPHTHYLENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
ANTHRACENE	0.076 J	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
BENZIDINE	0.42 U	0.35 U	0.63 U	0.83 U	0.65 U	0.56 U	0.46 U	0.71 U
BENZO[A]ANTHRACENE	0.24	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
BENZO[A]PYRENE	0.19 J	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
BENZO[B]FLOURANTHENE	0.28	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
BENZO[G,H,I]PERYLENE	0.10 J	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
BENZO[K]FLOURANTHENE	0.14 J	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
BENZYL BUTYL PHTHALATE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
BIS(2-CHLOROETHOXY)METHANE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
BIS(2-CHLOROETHYL)ETHER	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
BIS(2-CHLOROISOPROPYL)ETHE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
BIS(2-ETHYHEXYL)PHTHALATE	0.24 B	0.25 B	0.45 B	0.42 U	0.42 B	0.24 JB	0.18 JB	0.13 JB
DI-N-BUTYL PHTHALATE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
DI-N-OCTYL PHTHALATE	0.082 JB	0.18 U	0.074 J	0.25 JB	0.36 B	0.19 JB	0.10 JB	0.073 JB
DIBENZ[A,H]ANTHRACENE	0.063 J	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
DIETHYL PHTHALATE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
DIMETHYL PHTHALATE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
FLUORANTHENE	0.36	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
FLUORENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
HEXACHLORO-1,3-BUTADIENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
HEXACHLOROBENZENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
HEXACHLOROCYCLOPENTADIEN	0.62 U	0.53 U	0.94 U	1.2 U	0.98 U	0.85 U	0.68 U	1.1 U
HEXACHLOROETHANE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
INDENO[1,2,3-CD]PYRENE	0.10 J	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
ISOPHORORNE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
M-DICHLOROBENZENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
N-NITROSO-DI-N-PROPYLAMINE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
N-NITROSODIMETHYLAMINE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
N-NITROSODIPHENYLAMINE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
NAPHTHALENE	0.16 J	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
NITROBENZENE	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
PENTACHLOROPHENOL	0.21 U	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U
PHENANTHRENE	0.38	0.18 U	0.31 U	0.42 U	0.073 J	0.28 U	0.23 U	0.35 U
PHENOL	0.21 U	0.18 U	0.31 U	0.28 J	0.26 J	0.20 J	0.23 U	0.37
PYRENE	0.34	0.18 U	0.31 U	0.42 U	0.33 U	0.28 U	0.23 U	0.35 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-A-5	PG-A-6	PG-B-1	PG-B-1	PG-B-1	PG-B-02	PG-B-02	PG-B-02A
Sample Date	11/14/2000	11/10/2000	12/4/2000	12/4/2000	12/4/2000	11/16/2000	11/16/2000	11/16/2000
Sample ID	PG-A-05	PG-A-06	PG-B-01	PG-B-01	PG-B-01	PG-B-02	PG-A-02	PG-B-02A
Sample Depth	2-4'	1-3'	2-4'	6-8'	9-10'	2-4'	6-8'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
1,2-BENZPHENANTHRACENE	8.2 U	0.72	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
1,2-DICHLOROBENZENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
1,2-DIPHENYLHYDRAZINE	1.6 U	0.045 U	0.038 U	0.040 U	0.042 U	0.039 U	1.9 U	0.044 U
1,4-DICHLOROBENZENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
2,4,6-TRICHLORORPHENOL	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
2,4-DICHLOROPHENOL	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
2,4-DIMETHYLPHENOL	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
2,4-DINITROPHENOL	16 U	0.45 U	0.38 U	0.40 U	0.42 U	0.39 U	19 U	0.44 U
2,4-DINITROTOLUENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
2,6-DINITROTOLUENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
2-CHLORORNAPHTHALENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
2-CHLOROPHENOL	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
2-NITROPHENOL	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
3,3'-DICHLOROBENZIDINE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
4,6-DINITRO-O-CRESOL	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
4-BROMOPHENYLPHENYL ETHER	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
4-CHLORO-3-METHYLPHENOL	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
4-CHLOROPHENYLPHENYL ETHE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
4-NITROPHENOL	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
ACENAPHTHENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
ACENAPHTHYLENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
ANTHRACENE	8.2 U	0.15 J	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
BENZIDINE	16 U	0.45 U	0.38 U	0.40 U	0.42 U	0.39 U	19 U	0.44 U
BENZO[A]ANTHRACENE	8.2 U	0.65	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
BENZO[A]PYRENE	8.2 U	0.67	0.19 U	0.20 U	0.099 J	0.20 U	9.3 U	0.22 U
BENZO[B]FLOURANTHENE	8.2 U	1.3	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
BENZO[G,H,I]PERYLENE	8.2 U	0.24	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
BENZO[K]FLOURANTHENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
BENZYL BUTYL PHTHALATE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
BIS(2-CHLOROETHOXY)METHANE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
BIS(2-CHLOROETHYL)ETHER	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
BIS(2-CHLOROISOPROPYL)ETHE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
BIS(2-ETHYHEXYL)PHTHALATE	8.2 U	0.23 B	0.074 JB	0.079 JB	0.21 U	0.079 JB	9.3 U	0.093 JB
DI-N-BUTYL PHTHALATE	8.2 U	0.23 U	0.19 U	0.13 JB	0.058 JB	0.20 U	9.3 U	0.43
DI-N-OCTYL PHTHALATE	8.2 U	0.054 J	0.064 JB	0.054 JB	0.045 JB	0.041 JB	9.3 U	0.057 JB
DIBENZ[A,H]ANTHRACENE	8.2 U	0.17 J	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
DIETHYL PHTHALATE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
DIMETHYL PHTHALATE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
FLUORANTHENE	8.2 U	1.2	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
FLUORENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
HEXACHLORO-1,3-BUTADIENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
HEXACHLOROBENZENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
HEXACHLOROCYCLOPENTADIEN	25 U	0.68 U	0.57 U	0.60 U	0.63 U	0.59 U	28 U	0.66 U
HEXACHLOROETHANE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
INDENO[1,2,3-CD]PYRENE	8.2 U	0.27	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
ISOPHORORNE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
M-DICHLOROBENZENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
N-NITROSO-DI-N-PROPYLAMINE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
N-NITROSODIMETHYLAMINE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
N-NITROSODIPHENYLAMINE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
NAPHTHALENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
NITROBENZENE	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
PENTACHLOROPHENOL	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
PHENANTHRENE	8.2 U	0.66	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
PHENOL	8.2 U	0.23 U	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U
PYRENE	8.2 U	1.3	0.19 U	0.20 U	0.21 U	0.20 U	9.3 U	0.22 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-B-3	PG-B-3	PG-B-4	PG-D-1	PG-D-1	PG-D-1	PG-D-2	PG-D-2
Sample Date	12/4/2000	12/4/2000	12/4/2000	12/1/2000	12/1/2000	12/1/2000	12/4/2000	12/4/2000
Sample ID	PG-B-03	PG-B-03	PG-B-04	PG-D-01	PG-D-01	PG-D-01	PG-D-02	PG-D-02
Sample Depth	2-4'	6-8'	2-4'	0-2'	6-8'	18-20'	0-2'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
1,2-BENZPHENANTHRACENE	1.2 U	0.27 U	1.2	2.3 J	0.23 U	0.32 U	0.037 J	0.55
1,2-DICHLOROBENZENE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
1,2-DIPHENYLHYDRAZINE	0.23 U	0.055 U	0.039 U	0.61 U	0.047 U	0.064 U	0.037 U	0.048 U
1,4-DICHLOROBENZENE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
2,4,6-TRICHLORORPHENOL	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
2,4-DICHLOROPHENOL	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
2,4-DIMETHYLPHENOL	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
2,4-DINITROPHENOL	2.3 U	0.55 U	0.39 U	6.1 U	0.47 U	0.64 U	0.37 U	0.48 U
2,4-DINITROTOLUENE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
2,6-DINITROTOLUENE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
2-CHLORORNAPHTHALENE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
2-CHLOROPHENOL	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
2-NITROPHENOL	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
3,3'-DICHLOROBENZIDINE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
4,6-DINITRO-O-CRESOL	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
4-BROMOPHENYLPHENYL ETHER	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
4-CHLORO-3-METHYLPHENOL	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
4-CHLOROPHENYLPHENYL ETHE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
4-NITROPHENOL	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
ACENAPHTHENE	1.2 U	0.27 U	1.2	3.0 U	0.23 U	0.32 U	0.18 U	0.24 J
ACENAPHTHYLENE	0.41 J	0.27 U	0.11 J	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
ANTHRACENE	1.2 U	0.27 U	1.1	3.0 U	2.4	0.32 U	0.18 U	0.54
BENZIDINE	2.3 U	0.55 U	0.39 U	6.1 U	0.47 U	0.64 U	0.37 U	0.48 U
BENZO[A]ANTHRACENE	1.2 U	0.27 U	1	2.0 J	0.23 U	0.32 U	0.18 U	0.35
BENZO[A]PYRENE	1.2 U	0.27 U	0.75	2.0 J	0.085 J	0.32 U	0.18 U	0.31
BENZO[B]FLOURANTHENE	1.2 U	0.27 U	1.2	3.3	0.094 J	0.32 U	0.18 U	0.29
BENZO[G,H,I]PERYLENE	1.2 U	0.27 U	0.17 J	5.1	0.051 J	0.32 U	0.18 U	0.55
BENZO[K]FLOURANTHENE	1.2 U	0.27 U	0.70	1.8 J	0.051 J	0.32 U	0.18 U	0.095 J
BENZYL BUTYL PHTHALATE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
BIS(2-CHLOROETHOXY)METHANE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
BIS(2-CHLOROETHYL)ETHER	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
BIS(2-CHLOROISOPROPYL)ETHE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
BIS(2-ETHYHEXYL)PHTHALATE	0.32 JB	2.4 B	0.37 B	3.0 U	0.090 JB	0.20 JB	0.068 JB	0.11 JB
DI-N-BUTYL PHTHALATE	1.2 U	0.27 U	0.20 B	3.0 U	0.23 U	0.32 U	0.085 JB	0.24 U
DI-N-OCTYL PHTHALATE	1.2 U	0.27 U	0.28 B	3.0 U	0.065 J	0.10 J	0.038 JB	0.058 JB
DIBENZ[A,H]ANTHRACENE	1.2 U	0.27 U	0.060 J	3.0 U	0.23 U	0.32 U	0.18 U	0.069 J
DIETHYL PHTHALATE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
DIMETHYL PHTHALATE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
FLUORANTHENE	1.2 U	0.27 U	4.2	0.83 J	0.23 U	0.32 U	0.18 U	0.32
FLUORENE	1.2 U	0.27 U	0.84	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
HEXACHLORO-1,3-BUTADIENE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
HEXACHLOROBENZENE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
HEXACHLOROCYCLOPENTADIEN	3.5 U	0.82 U	0.59 U	9.1 U	0.70 U	0.96 U	0.55 U	0.72 U
HEXACHLOROETHANE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
INDENO[1,2,3-CD]PYRENE	1.2 U	0.27 U	0.17 J	0.84 J	0.23 U	0.32 U	0.18 U	0.15 J
ISOPHORORNE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
M-DICHLOROBENZENE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
N-NITROSO-DI-N-PROPYLAMINE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
N-NITROSODIMETHYLAMINE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
N-NITROSODIPHENYLAMINE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
NAPHTHALENE	1.2 U	0.27 U	1.1	3.0 U	2.3	0.32 U	0.072 J	0.45
NITROBENZENE	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
PENTACHLOROPHENOL	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
PHENANTHRENE	1.2 U	0.27 U	2.9	0.69 J	4.9	0.32 U	0.084 J	0.60
PHENOL	1.2 U	0.27 U	0.20 U	3.0 U	0.23 U	0.32 U	0.18 U	0.24 U
PYRENE	1.2 U	0.27 U	2.8	7.8	2.0	0.071 J	0.052 J	3.4

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-D-3	PG-D-4	PG-D-4A	PG-E-1	PG-E-1	PG-E-1	PG-F1-3	PG-F1-3
Sample Date	12/1/2000	12/2/2000	12/2/2000	11/13/00	11/13/00	11/13/00	11/10/00	11/10/00
Sample ID	PG-D-03	PG-D-04	PG-D-4A	PG-E-01	PG-E-01	PG-E-01	PG-F1-3	PG-F1-3
Sample Depth	1-3'	0-2'	6-8'	0.2-2'	4-6'	10-12'	1-3'	3-5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
1,2-BENZPHENANTHRACENE	0.16 J	0.59	0.17 J	0.30	0.19 U	0.31 U	0.79 J	0.33 U
1,2-DICHLOROBENZENE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
1,2-DIPHENYLHYDRAZINE	0.038 U	0.039 U	0.043 U	0.038 U	0.039 U	0.063 U	0.20 U	0.067 U
1,4-DICHLOROBENZENE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
2,4,6-TRICHLORORPHENOL	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
2,4-DICHLOROPHENOL	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
2,4-DIMETHYLPHENOL	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
2,4-DINITROPHENOL	0.38 U	0.39 U	0.43 U	0.38 U	0.39 U	0.63 U	2.0 U	0.67 U
2,4-DINITROTOLUENE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
2,6-DINITROTOLUENE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
2-CHLORORNAPHTHALENE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
2-CHLOROPHENOL	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
2-NITROPHENOL	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
3,3'-DICHLOROBENZIDINE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
4,6-DINITRO-O-CRESOL	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
4-BROMOPHENYLPHENYL ETHER	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
4-CHLORO-3-METHYLPHENOL	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
4-CHLOROPHENYLPHENYL ETHE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
4-NITROPHENOL	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
ACENAPHTHENE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
ACENAPHTHYLENE	0.19 U	0.15 J	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
ANTHRACENE	0.045 J	0.14 J	0.061 J	0.046 J	0.19 U	0.31 U	0.26 J	0.33 U
BENZIDINE	0.38 U	0.39 U	0.43 U	0.38 U	0.39 U	0.63 U	2.0 U	0.67 U
BENZO[A]ANTHRACENE	0.14 J	0.52	0.19 J	0.31	0.19 U	0.31 U	0.59 J	0.33 U
BENZO[A]PYRENE	0.12 J	0.54	0.16 J	0.25	0.19 U	0.31 U	0.42 J	0.33 U
BENZO[B]FLOURANTHENE	0.25	1.3	0.17 J	0.31	0.19 U	0.31 U	0.48 J	0.33 U
BENZO[G,H,I]PERYLENE	0.060 J	0.12 J	0.098 J	0.14 J	0.19 U	0.31 U	0.26 J	0.33 U
BENZO[K]FLOURANTHENE	0.10 J	0.39	0.063 J	0.11 J	0.19 U	0.31 U	0.20 J	0.33 U
BENZYL BUTYL PHTHALATE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
BIS(2-CHLOROETHOXY)METHANE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
BIS(2-CHLOROETHYL)ETHER	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
BIS(2-CHLOROISOPROPYL)ETHE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
BIS(2-ETHYHEXYL)PHTHALATE	0.31 B	0.13 JB	0.13 JB	0.27	0.22	0.20 J	0.25 JB	0.28 JB
DI-N-BUTYL PHTHALATE	0.099 J	0.11 J	0.091 JB	0.040 J	0.10 J	0.077 J	0.99 U	0.10 J
DI-N-OCTYL PHTHALATE	0.10 J	0.16 JB	0.091 JB	0.19 U	0.053 J	0.15 J	0.99 U	0.33 U
DIBENZ[A,H]ANTHRACENE	0.19 U	0.046 J	0.22 U	0.049 J	0.19 U	0.31 U	0.99 U	0.33 U
DIETHYL PHTHALATE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
DIMETHYL PHTHALATE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
FLUORANTHENE	0.17 J	0.76	0.30	0.40	0.19 U	0.087 J	0.81 J	0.33 U
FLUORENE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.57 J	0.33 U
HEXACHLORO-1,3-BUTADIENE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
HEXACHLOROBENZENE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
HEXACHLOROCYCLOPENTADIEN	0.57 U	0.59 U	0.65 U	0.57 U	0.58 U	0.94 U	3.0 U	1.0 U
HEXACHLOROETHANE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
INDENO[1,2,3-CD]PYRENE	0.048 J	0.15 J	0.081 J	0.12 J	0.19 U	0.31 U	0.26 J	0.33 U
ISOPHORORNE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
M-DICHLOROBENZENE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
N-NITROSO-DI-N-PROPYLAMINE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
N-NITROSODIMETHYLAMINE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
N-NITROSODIPHENYLAMINE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
NAPHTHALENE	0.066 J	0.075 J	0.22 U	0.19 U	0.19 U	0.42	4.3	0.41
NITROBENZENE	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
PENTACHLOROPHENOL	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.99 U	0.33 U
PHENANTHRENE	0.17 J	0.41	0.21 J	0.17 J	0.19 U	0.22 J	1.3	0.083 J
PHENOL	0.19 U	0.20 U	0.22 U	0.19 U	0.19 U	0.31 U	0.44 J	0.33 U
PYRENE	0.24	0.82	0.35	0.48	0.19 U	0.31 U	0.92 J	0.33 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-F2-2	PG-F2-2	PG-G-2	PG-G-2	PG-G-2	PG-G-3	PG-G-4	PG-G-5
Sample Date	11/20/00	11/20/00	11/21/2000	11/21/2000	11/21/2000	11/27/2000	11/29/2000	12/1/2000
Sample ID	PG-F2-2	PG-F2-2	PG-G-02	PG-G-02	PG-G-02	PG-G-03	PG-G-04	PG-G-05
Sample Depth	2-4'	8-10'	0-2'	4-6'	6-8'	0-2'	6-8'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
1,2-BENZPHENANTHRACENE	0.18 U	0.19 U	0.73	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
1,2-DICHLOROBENZENE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
1,2-DIPHENYLHYDRAZINE	0.036 U	0.039 U	0.039 U	0.064 U	0.041 U	0.040 U	0.043 U	0.041 U
1,4-DICHLOROBENZENE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
2,4,6-TRICHLORORPHENOL	0.18 U	0.082 J	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
2,4-DICHLOROPHENOL	0.18 U	0.059 J	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
2,4-DIMETHYLPHENOL	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
2,4-DINITROPHENOL	0.36 U	0.39 U	0.39 U	0.64 U	0.41 U	0.40 U	0.43 U	0.41 U
2,4-DINITROTOLUENE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
2,6-DINITROTOLUENE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
2-CHLORORNAPHTHALENE	0.18 U	0.040 J	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
2-CHLOROPHENOL	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
2-NITROPHENOL	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
3,3'-DICHLOROBENZIDINE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
4,6-DINITRO-O-CRESOL	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
4-BROMOPHENYLPHENYL ETHER	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
4-CHLORO-3-METHYLPHENOL	0.18 U	0.079 J	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
4-CHLOROPHENYLPHENYL ETHE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
4-NITROPHENOL	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
ACENAPHTHENE	0.18 U	0.062 J	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
ACENAPHTHYLENE	0.18 U	0.046 J	0.12 J	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
ANTHRACENE	0.18 U	0.19 U	0.081 J	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
BENZIDINE	0.36 U	0.39 U	0.39 U	0.64 U	0.41 U	0.40 U	0.43 U	0.41 U
BENZO[A]ANTHRACENE	0.18 U	0.043 J	0.64	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
BENZO[A]PYRENE	0.18 U	0.19 U	0.56	0.32 U	0.048 J	0.20 U	0.22 U	0.14 J
BENZO[B]FLOURANTHENE	0.18 U	0.19 U	0.86	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
BENZO[G,H,I]PERYLENE	0.18 U	0.19 U	0.39	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
BENZO[K]FLOURANTHENE	0.18 U	0.040 J	0.21	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
BENZYL BUTYL PHTHALATE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
BIS(2-CHLOROETHOXY)METHANE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
BIS(2-CHLOROETHYL)ETHER	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
BIS(2-CHLOROISOPROPYL)ETHE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
BIS(2-ETHYHEXYL)PHTHALATE	0.075 JB	0.098 JB	0.21 B	0.31 JB	0.14 JB	0.060 J	0.27 B	0.093 JB
DI-N-BUTYL PHTHALATE	0.18 U	0.043 J	0.055 JB	0.32 U	0.21 U	0.20 U	0.22 U	0.058 J
DI-N-OCTYL PHTHALATE	0.046 J	0.060 J	0.19 U	0.32 U	0.21 U	0.050 J	0.22 U	0.058 J
DIBENZ[A,H]ANTHRACENE	0.18 U	0.19 U	0.16 J	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
DIETHYL PHTHALATE	0.18 U	0.047 J	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
DIMETHYL PHTHALATE	0.18 U	0.046 J	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
FLUORANTHENE	0.18 U	0.040 J	1.2	0.085 J	0.21 U	0.20 U	0.22 U	0.080 J
FLUORENE	0.18 U	0.065 J	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.088 J
HEXACHLORO-1,3-BUTADIENE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
HEXACHLOROBENZENE	0.18 U	0.061 J	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
HEXACHLOROCYCLOPENTADIEN	0.54 U	0.58 U	0.58 U	0.96 U	0.62 U	0.60 U	0.65 U	0.62 U
HEXACHLOROETHANE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
INDENO[1,2,3-CD]PYRENE	0.18 U	0.19 U	0.36	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
ISOPHORORNE	0.18 U	0.067 J	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
M-DICHLOROBENZENE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
N-NITROSO-DI-N-PROPYLAMINE	0.59	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
N-NITROSODIMETHYLAMINE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
N-NITROSODIPHENYLAMINE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
NAPHTHALENE	0.18 U	0.19 U	0.087 J	0.11 J	0.21 U	0.20 U	0.22 U	0.21 U
NITROBENZENE	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
PENTACHLOROPHENOL	0.18 U	0.19 U	0.19 U	0.32 U	0.21 U	0.20 U	0.22 U	0.21 U
PHENANTHRENE	0.18 U	0.045 J	0.53	0.093 J	0.21 U	0.20 U	0.22 U	0.052 J
PHENOL	0.18 U	0.19 U	0.19 U	0.065 J	0.21 U	0.20 U	0.22 U	0.21 U
PYRENE	0.18 U	0.19 U	1.0	0.077 J	0.21 U	0.20 U	0.22 U	0.21 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-G-5A	PG-G-6	PG-G-6	PG-G7(N)	PG-G7(N)	PG-G-8	PG-G-8	PG-G-9
Sample Date	12/1/00	12/1/00	12/1/00	11/21/00	11/21/00	11/30/00	11/30/00	11/28/00
Sample ID	PG-G-5A	PG-G-06	PG-G-06	PG-G-7N	PG-G-7N	PG-G-08	PG-G-08	PG-G-09
Sample Depth	8-10'	4-6'	6-8'	8-10'	10-12'	1-2'	6-7'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
1,2-BENZPHENANTHRACENE	0.21 U	1.2 J	0.21 U	0.19 U	0.21 U	0.67	0.20 U	0.20 U
1,2-DICHLOROBENZENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
1,2-DIPHENYLHYDRAZINE	0.041 U	0.31 U	0.041 U	0.038 U	0.041 U	0.036 U	0.040 U	0.040 U
1,4-DICHLOROBENZENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
2,4,6-TRICHLORORPHENOL	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
2,4-DICHLOROPHENOL	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
2,4-DIMETHYLPHENOL	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
2,4-DINITROPHENOL	0.41 U	3.1 U	0.41 U	0.38 U	0.41 U	0.36 U	0.40 U	0.40 U
2,4-DINITROTOLUENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
2,6-DINITROTOLUENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
2-CHLORORNAPHTHALENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
2-CHLOROPHENOL	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
2-NITROPHENOL	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
3,3'-DICHLOROBENZIDINE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
4,6-DINITRO-O-CRESOL	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
4-BROMOPHENYLPHENYL ETHER	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
4-CHLORO-3-METHYLPHENOL	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
4-CHLOROPHENYLPHENYL ETHE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
4-NITROPHENOL	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
ACENAPHTHENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.061 J	0.20 U	0.20 U
ACENAPHTHYLENE	0.21 U	2.3	0.21 U	0.19 U	0.21 U	0.15 J	0.20 U	0.20 U
ANTHRACENE	0.21 U	0.48 J	0.21 U	0.19 U	0.21 U	0.41	0.20 U	0.20 U
BENZIDINE	0.41 U	3.1 U	0.41 U	0.38 U	0.41 U	0.36 U	0.40 U	0.40 U
BENZO[A]ANTHRACENE	0.21 U	0.85 J	0.21 U	0.19 U	0.21 U	0.85	0.20 U	0.20 U
BENZO[A]PYRENE	0.21 U	1.2 J	0.21 U	0.19 U	0.21 U	0.62	0.20 U	0.20 U
BENZO[B]FLOURANTHENE	0.21 U	2.2	0.21 U	0.19 U	0.21 U	0.78	0.20 U	0.20 U
BENZO[G,H,I]PERYLENE	0.21 U	1.8	0.21 U	0.19 U	0.21 U	0.17 J	0.20 U	0.20 U
BENZO[K]FLOURANTHENE	0.21 U	1.1 J	0.21 U	0.19 U	0.21 U	0.43	0.20 U	0.20 U
BENZYL BUTYL PHTHALATE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
BIS(2-CHLOROETHOXY)METHANE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
BIS(2-CHLOROETHYL)ETHER	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
BIS(2-CHLOROISOPROPYL)ETHE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
BIS(2-ETHYHEXYL)PHTHALATE	0.12 JB	0.34 JB	0.12 JB	0.12 JB	0.37 B	0.091 J	0.11 J	0.13 J
DI-N-BUTYL PHTHALATE	0.10 J	1.6 U	0.17 J	0.064 JB	0.071 JB	0.041 J	0.20 U	0.20 U
DI-N-OCTYL PHTHALATE	0.081 J	0.71 J	0.074 J	0.19 U	0.21 U	0.080 J	0.089 J	0.20 U
DIBENZ[A,H]ANTHRACENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.067 J	0.20 U	0.20 U
DIETHYL PHTHALATE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
DIMETHYL PHTHALATE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
FLUORANTHENE	0.21 U	0.87 J	0.21 U	0.19 U	0.21 U	1.5	0.20 U	0.043 J
FLUORENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.24	0.20 U	0.20 U
HEXACHLORO-1,3-BUTADIENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
HEXACHLOROBENZENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
HEXACHLOROCYCLOPENTADIEN	0.62 U	4.7 U	0.62 U	0.57 U	0.62 U	0.54 U	0.60 U	0.60 U
HEXACHLOROETHANE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
INDENO[1,2,3-CD]PYRENE	0.21 U	1.0 J	0.21 U	0.19 U	0.21 U	0.19	0.20 U	0.20 U
ISOPHORORNE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
M-DICHLOROBENZENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
N-NITROSO-DI-N-PROPYLAMINE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
N-NITROSODIMETHYLAMINE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
N-NITROSODIPHENYLAMINE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
NAPHTHALENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.042 J	0.20 U	0.20 U
NITROBENZENE	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
PENTACHLOROPHENOL	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
PHENANTHRENE	0.21 U	0.51 J	0.21 U	0.19 U	0.21 U	1.5	0.20 U	0.050 J
PHENOL	0.21 U	1.6 U	0.21 U	0.19 U	0.21 U	0.18 U	0.20 U	0.20 U
PYRENE	0.21 U	2.5	0.049 J	0.19 U	0.21 U	1.2	0.20 U	0.20 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-G-10	PG-H/R-1	PG-H/R-1	PG-H/R-2	PG-H/R-2	PG-H/R-3	PG-H/R-3	PG-I-1
Sample Date	11/28/2000	12/2/2000	12/2/00	11/10/00	11/10/00	11/10/00	11/10/00	11/13/2000
Sample ID	PG-G-10	PG-H/R-01	PG-H/R-01	PG-H/R-2	PG-H/R-2	PG-H/R-3	PG-H/R-3	PG-I-01
Sample Depth	2-4'	1-3'	3-4.5'	0-1.5'	1.5-3.5'	0.3-1'	1-3'	0-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
1,2-BENZPHENANTHRACENE	3.5	0.086 J	0.33 U	0.20	0.30 U	0.44	0.29 U	0.052 J
1,2-DICHLOROBENZENE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
1,2-DIPHENYLHYDRAZINE	0.037 U	0.046 U	0.067 U	0.038 U	0.060 U	0.040 U	0.058 U	0.041 U
1,4-DICHLOROBENZENE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
2,4,6-TRICHLORORPHENOL	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
2,4-DICHLOROPHENOL	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
2,4-DIMETHYLPHENOL	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
2,4-DINITROPHENOL	0.37 U	0.46 U	0.67 U	0.38 U	0.60 U	0.40 U	0.58 U	0.41 U
2,4-DINITROTOLUENE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
2,6-DINITROTOLUENE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
2-CHLORORNAPHTHALENE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
2-CHLOROPHENOL	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
2-NITROPHENOL	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
3,3'-DICHLOROBENZIDINE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
4,6-DINITRO-O-CRESOL	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
4-BROMOPHENYLPHENYL ETHER	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
4-CHLORO-3-METHYLPHENOL	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
4-CHLOROPHENYLPHENYL ETHE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
4-NITROPHENOL	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
ACENAPHTHENE	0.14 J	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
ACENAPHTHYLENE	1.3	0.23 U	0.33 U	0.19 U	0.30 U	0.045 J	0.29 U	0.20 U
ANTHRACENE	0.92	0.23 U	0.33 U	0.19 U	0.30 U	0.081 J	0.29 U	0.20 U
BENZIDINE	0.37 U	0.46 U	0.67 U	0.38 U	0.60 U	0.40 U	0.58 U	0.41 U
BENZO[A]ANTHRACENE	3.5	0.070 J	0.33 U	0.16 J	0.30 U	0.41	0.29 U	0.043 J
BENZO[A]PYRENE	4	0.066 J	0.33 U	0.18 J	0.30 U	0.38	0.29 U	0.20 U
BENZO[B]FLOURANTHENE	6.1	0.10 J	0.33 U	0.26	0.30 U	0.85	0.29 U	0.057 J
BENZO[G,H,I]PERYLENE	0.82	0.23 U	0.33 U	0.081 J	0.30 U	0.13 J	0.29 U	0.20 U
BENZO[K]FLOURANTHENE	2.7	0.23 U	0.33 U	0.16 J	0.30 U	0.20 U	0.29 U	0.20 U
BENZYL BUTYL PHTHALATE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
BIS(2-CHLOROETHOXY)METHANE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
BIS(2-CHLOROETHYL)ETHER	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
BIS(2-CHLOROISOPROPYL)ETHE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
BIS(2-ETHYHEXYL)PHTHALATE	0.094 J	0.089 JB	0.21 JB	0.26 B	0.33 B	0.24 B	0.19 JB	0.11 J
DI-N-BUTYL PHTHALATE	0.11 JB	0.23 U	0.14 JB	0.072 J	0.087 J	0.20 U	0.29 U	0.12 J
DI-N-OCTYL PHTHALATE	0.099 J	0.049 JB	0.19 JB	0.063 J	0.30 U	0.069 J	0.29 U	0.053 J
DIBENZ[A,H]ANTHRACENE	0.14 J	0.23 U	0.33 U	0.052 J	0.30 U	0.082 J	0.29 U	0.20 U
DIETHYL PHTHALATE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
DIMETHYL PHTHALATE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
FLUORANTHENE	5.1	0.065 J	0.33 U	0.18 J	0.30 U	0.49	0.29 U	0.084 J
FLUORENE	0.42	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
HEXACHLORO-1,3-BUTADIENE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
HEXACHLOROBENZENE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
HEXACHLOROCYCLOPENTADIEN	0.56 U	0.68 U	1.0 U	0.57 U	0.89 U	0.60 U	0.88 U	0.61 U
HEXACHLOROETHANE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
INDENO[1,2,3-CD]PYRENE	0.99	0.23 U	0.33 U	0.088 J	0.30 U	0.15 J	0.29 U	0.20 U
ISOPHORORNE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
M-DICHLOROBENZENE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
N-NITROSO-DI-N-PROPYLAMINE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
N-NITROSODIMETHYLAMINE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
N-NITROSODIPHENYLAMINE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
NAPHTHALENE	0.29	0.11 J	0.33 U	0.19 U	0.30 U	0.14 J	0.29 U	0.20 U
NITROBENZENE	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
PENTACHLOROPHENOL	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
PHENANTHRENE	2.1	0.10 J	0.33 U	0.064 J	0.30 U	0.33	0.29 U	0.065 J
PHENOL	0.19 U	0.23 U	0.33 U	0.19 U	0.30 U	0.20 U	0.29 U	0.20 U
PYRENE	4.6	0.080 J	0.33 U	0.21	0.30 U	0.55	0.29 U	0.072 J

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-I-1	PG-K-1	PG-K-1	PG-K-2	PG-K-2	PG-L-1	PG-L-1	PG-L-2
Sample Date	11/13/00	11/9/00	11/9/00	11/29/00	11/29/00	12/1/2000	12/1/2000	11/8/2000
Sample ID	PG-I-01	PG-K-01	PG-K-01	PG-K-02	PG-K-02	PG-L-01	PG-L-01	PG-L-02
Sample Depth	2-4'	2-4'	5-6'	0-2.5'	2.5-4'	2-4'	6-8'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
1,2-BENZPHENANTHRACENE	0.27 U	11	0.8	0.5	11	0.40 U	0.21 U	0.33 U
1,2-DICHLOROBENZENE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
1,2-DIPHENYLHYDRAZINE	0.055 U	0.23 U	0.047 U	0.036 U	0.46 U	0.079 U	0.042 U	0.065 U
1,4-DICHLOROBENZENE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
2,4,6-TRICHLORORPHENOL	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
2,4-DICHLOROPHENOL	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
2,4-DIMETHYLPHENOL	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
2,4-DINITROPHENOL	0.55 U	2.3 U	0.47 U	0.36 U	4.6 U	0.79 U	0.42 U	0.65 U
2,4-DINITROTOLUENE	0.27 U	0.92 J	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
2,6-DINITROTOLUENE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
2-CHLORORNAPHTHALENE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
2-CHLOROPHENOL	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
2-NITROPHENOL	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
3,3'-DICHLOROBENZIDINE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
4,6-DINITRO-O-CRESOL	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
4-BROMOPHENYLPHENYL ETHER	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
4-CHLORO-3-METHYLPHENOL	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
4-CHLOROPHENYLPHENYL ETHE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
4-NITROPHENOL	0.27 U	1.4	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
ACENAPHTHENE	0.27 U	1.8	0.16 J	0.11 J	4.0	0.40 U	0.21 U	0.33 U
ACENAPHTHYLENE	0.27 U	5.0	0.40	0.069 J	2.3 U	0.40 U	0.21 U	0.33 U
ANTHRACENE	0.27 U	2.1	0.19 J	0.23	5.8	0.40 U	0.21 U	0.33 U
BENZIDINE	0.55 U	2.3 U	0.47 U	0.36 U	4.6 U	0.79 U	0.42 U	0.65 U
BENZO[A]ANTHRACENE	0.27 U	6.4	0.55	0.39	9.8	0.40 U	0.21 U	0.33 U
BENZO[A]PYRENE	0.27 U	6.6	0.53	0.4	9.1	0.40 U	0.21 U	0.33 U
BENZO[B]FLOURANTHENE	0.27 U	16	0.47	0.67	11	0.40 U	0.21 U	0.33 U
BENZO[G,H,I]PERYLENE	0.27 U	5.2	0.29	0.32	5.4	0.40 U	0.21 U	0.33 U
BENZO[K]FLOURANTHENE	0.27 U	6.8	1.1	0.26	3.9	0.40 U	0.21 U	0.33 U
BENZYL BUTYL PHTHALATE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
BIS(2-CHLOROETHOXY)METHANE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
BIS(2-CHLOROETHYL)ETHER	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
BIS(2-CHLOROISOPROPYL)ETHE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
BIS(2-ETHYHEXYL)PHTHALATE	0.16 J	1.2 U	0.12 JB	0.34 B	0.61 JB	0.17 JB	0.15 JB	0.093 JB
DI-N-BUTYL PHTHALATE	0.14 J	1.2 U	0.11 JB	0.046 JB	2.3 U	0.10 JB	0.098 J	0.17 JB
DI-N-OCTYL PHTHALATE	0.12 J	1.2 U	0.10 J	0.043 J	2.3 U	0.15 JB	0.11 JB	0.11 J
DIBENZ[A,H]ANTHRACENE	0.27 U	3.3	0.15 J	0.18 U	0.81 J	0.40 U	0.21 U	0.33 U
DIETHYL PHTHALATE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
DIMETHYL PHTHALATE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
FLUORANTHENE	0.27 U	3.8	0.49	0.88	19	0.40 U	0.21 U	0.33 U
FLUORENE	0.27 U	1.4	0.28	0.14 J	5.0	0.40 U	0.21 U	0.33 U
HEXACHLORO-1,3-BUTADIENE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
HEXACHLOROBENZENE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
HEXACHLOROCYCLOPENTADIEN	0.82 U	3.5 U	0.70 U	0.54 U	6.9 U	1.2 U	0.63 U	0.98 U
HEXACHLOROETHANE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
INDENO[1,2,3-CD]PYRENE	0.27 U	6	0.32	0.25	5	0.40 U	0.21 U	0.33 U
ISOPHORORNE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
M-DICHLOROBENZENE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
N-NITROSO-DI-N-PROPYLAMINE	0.27 U	0.66 J	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
N-NITROSODIMETHYLAMINE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
N-NITROSODIPHENYLAMINE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
NAPHTHALENE	0.27 U	1.3	0.36	0.14 J	2.2 J	0.40 U	0.21 U	0.33 U
NITROBENZENE	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
PENTACHLOROPHENOL	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
PHENANTHRENE	0.27 U	2.0	0.17 J	0.45	15	0.40 U	0.21 U	0.33 U
PHENOL	0.27 U	1.2 U	0.23 U	0.18 U	2.3 U	0.40 U	0.21 U	0.33 U
PYRENE	0.27 U	9.1	0.98	0.95	20	0.40 U	0.21 U	0.33 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-L-2	PG-L3(FILL)	PG-L3(FILL)	PG-L3(FILL)	PG-L-4	PG-L-4	PG-L-5	PG-L-5
Sample Date	11/8/2000	11/24/00	11/24/00	11/24/00	12/2/2000	12/2/00	12/2/00	12/2/00
Sample ID	PG-L-02	PG-L3FILL	PG-L3FILL	PG-L3FILL	PG-L-04	PG-L-04	PG-L-05	PG-L-05
Sample Depth	10-12'	2-4'	8-10'	12-14'	0-2'	6-8'	2-3.8'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
1,2-BENZPHENANTHRACENE	0.20 U	0.33	0.20 U	0.21 U	0.18 U	0.21 U	0.53	0.20 U
1,2-DICHLOROBENZENE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
1,2-DIPHENYLHYDRAZINE	0.040 U	0.043 U	0.040 U	0.042 U	0.036 U	0.041 U	0.037 U	0.040 U
1,4-DICHLOROBENZENE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
2,4,6-TRICHLORORPHENOL	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
2,4-DICHLOROPHENOL	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
2,4-DIMETHYLPHENOL	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
2,4-DINITROPHENOL	0.40 U	0.43 U	0.40 U	0.42 U	0.36 U	0.41 U	0.37 U	0.40 U
2,4-DINITROTOLUENE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
2,6-DINITROTOLUENE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
2-CHLORORNAPHTHALENE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
2-CHLOROPHENOL	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
2-NITROPHENOL	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
3,3'-DICHLOROBENZIDINE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
4,6-DINITRO-O-CRESOL	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
4-BROMOPHENYLPHENYL ETHER	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
4-CHLORO-3-METHYLPHENOL	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
4-CHLOROPHENYLPHENYL ETHE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
4-NITROPHENOL	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
ACENAPHTHENE	0.20 U	0.097 J	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
ACENAPHTHYLENE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.10 J	0.20 U
ANTHRACENE	0.20 U	0.15 J	0.20 U	0.21 U	0.18 U	0.21 U	0.088 J	0.20 U
BENZIDINE	0.40 U	0.43 U	0.40 U	0.42 U	0.36 U	0.41 U	0.37 U	0.40 U
BENZO[A]ANTHRACENE	0.20 U	0.33	0.20 U	0.21 U	0.18 U	0.21 U	0.31	0.20 U
BENZO[A]PYRENE	0.20 U	0.29	0.20 U	0.21 U	0.18 U	0.21 U	0.48	0.20 U
BENZO[B]FLOURANTHENE	0.20 U	0.41	0.20 U	0.21 U	0.18 U	0.21 U	0.67	0.20 U
BENZO[G,H,I]PERYLENE	0.20 U	0.13 J	0.20 U	0.21 U	0.18 U	0.21 U	0.24	0.20 U
BENZO[K]FLOURANTHENE	0.20 U	0.11 J	0.20 U	0.21 U	0.18 U	0.21 U	0.30	0.20 U
BENZYL BUTYL PHTHALATE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
BIS(2-CHLOROETHOXY)METHANE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
BIS(2-CHLOROETHYL)ETHER	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
BIS(2-CHLOROISOPROPYL)ETHE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
BIS(2-ETHYHEXYL)PHTHALATE	0.11 JB	0.054 J	0.050 J	0.21 U	0.12 JB	0.098 JB	0.13 JB	0.18 JB
DI-N-BUTYL PHTHALATE	0.074 JB	0.29 B	0.20 U	0.11 JB	0.091 J	0.10 J	0.19	0.20 U
DI-N-OCTYL PHTHALATE	0.047 J	0.21 U	0.20 U	0.21 U	0.073 JB	0.069 JB	0.078 JB	0.17 JB
DIBENZ[A,H]ANTHRACENE	0.20 U	0.051 J	0.20 U	0.21 U	0.18 U	0.21 U	0.11 J	0.20 U
DIETHYL PHTHALATE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
DIMETHYL PHTHALATE	0.20 U	0.13 J	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
FLUORANTHENE	0.20 U	0.62	0.20 U	0.21 U	0.18 U	0.21 U	0.26	0.20 U
FLUORENE	0.20 U	0.11 J	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
HEXACHLORO-1,3-BUTADIENE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
HEXACHLOROBENZENE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
HEXACHLOROCYCLOPENTADIEN	0.60 U	0.64 U	0.60 U	0.62 U	0.54 U	0.62 U	0.56 U	0.60 U
HEXACHLOROETHANE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
INDENO[1,2,3-CD]PYRENE	0.20 U	0.11 J	0.20 U	0.21 U	0.18 U	0.21 U	0.26	0.20 U
ISOPHORORNE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
M-DICHLOROBENZENE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
N-NITROSO-DI-N-PROPYLAMINE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
N-NITROSODIMETHYLAMINE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
N-NITROSODIPHENYLAMINE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
NAPHTHALENE	0.20 U	0.059 J	0.20 U	0.21 U	0.18 U	0.21 U	0.061 J	0.20 U
NITROBENZENE	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
PENTACHLOROPHENOL	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
PHENANTHRENE	0.20 U	0.61	0.20 U	0.21 U	0.18 U	0.21 U	0.079 J	0.20 U
PHENOL	0.20 U	0.21 U	0.20 U	0.21 U	0.18 U	0.21 U	0.19 U	0.20 U
PYRENE	0.20 U	0.55	0.20 U	0.21 U	0.18 U	0.21 U	0.30	0.20 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-L-6	PG-L-6	PG-M-01	PG-M-01	PG-M-2	PG-M-2	PG-M-3	PG-M-4
Sample Date	11/8/00	11/8/00	11/25/2000	11/25/2000	11/27/2000	11/27/2000	11/27/2000	11/22/2000
Sample ID	PG-L-06	PG-L-06	PG-M-01	PG-M-01	PG-M-02	PG-M-02	PG-M-03	PG-M-04
Sample Depth	6-7.5'	7.5-8'	0-2'	4-6'	2-4'	4-6'	2-4'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
1,2-BENZPHENANTHRACENE	0.33 U	0.19 U	0.35	1.8 J	0.16 J	3.4	0.085 J	0.20 U
1,2-DICHLOROBENZENE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
1,2-DIPHENYLHYDRAZINE	0.065 U	0.038 U	0.037 U	0.43 U	0.042 U	0.049 U	0.037 U	0.040 U
1,4-DICHLOROBENZENE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
2,4,6-TRICHLORORPHENOL	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
2,4-DICHLOROPHENOL	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
2,4-DIMETHYLPHENOL	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
2,4-DINITROPHENOL	0.65 U	0.38 U	0.37 U	4.3 U	0.42 U	0.49 U	0.37 U	0.40 U
2,4-DINITROTOLUENE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
2,6-DINITROTOLUENE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
2-CHLORORNAPHTHALENE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
2-CHLOROPHENOL	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
2-NITROPHENOL	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
3,3'-DICHLOROBENZIDINE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
4,6-DINITRO-O-CRESOL	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
4-BROMOPHENYLPHENYL ETHER	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
4-CHLORO-3-METHYLPHENOL	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
4-CHLOROPHENYLPHENYL ETHE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
4-NITROPHENOL	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
ACENAPHTHENE	0.33 U	0.19 U	0.28	2.1 U	0.21 U	0.50	0.19 U	0.20 U
ACENAPHTHYLENE	0.33 U	0.19 U	0.19 U	0.43 J	0.21 U	1.5	0.059 J	0.20 U
ANTHRACENE	0.33 U	0.19 U	0.19 U	2.1 U	0.048 J	0.42	0.19 U	0.20 U
BENZIDINE	0.65 U	0.38 U	0.37 U	4.3 U	0.42 U	0.49 U	0.37 U	0.40 U
BENZO[A]ANTHRACENE	0.33 U	0.19 U	0.19	1.4 J	0.16 J	2.9	0.094 J	0.20 U
BENZO[A]PYRENE	0.33 U	0.14 J	0.10 J	2.5	0.15 J	2.5	0.11 J	0.20 U
BENZO[B]FLOURANTHENE	0.33 U	0.19 U	0.14 J	2.3	0.20 J	6	0.17 J	0.20 U
BENZO[G,H,I]PERYLENE	0.33 U	0.19 U	0.043 J	1.6 J	0.094 J	1.4	0.072 J	0.20 U
BENZO[K]FLOURANTHENE	0.33 U	0.19 U	0.066 J	1.4 J	0.072 J	1.3	0.075 J	0.20 U
BENZYL BUTYL PHTHALATE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
BIS(2-CHLOROETHOXY)METHANE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
BIS(2-CHLOROETHYL)ETHER	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
BIS(2-CHLOROISOPROPYL)ETHE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
BIS(2-ETHYHEXYL)PHTHALATE	0.29 JB	0.14 JB	0.19 U	2.1 U	0.071 J	0.066 J	0.19 U	0.40 B
DI-N-BUTYL PHTHALATE	0.33 U	0.19 U	0.12 JB	2.1 U	0.076 JB	0.052 JB	0.19 U	0.067 JB
DI-N-OCTYL PHTHALATE	0.080 J	0.041 J	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.061 J
DIBENZ[A,H]ANTHRACENE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.53	0.19 U	0.20 U
DIETHYL PHTHALATE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
DIMETHYL PHTHALATE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
FLUORANTHENE	0.33 U	0.19 U	0.11 J	0.47 J	0.33	2.1	0.11 J	0.20 U
FLUORENE	0.33 U	0.19 U	0.64	2.1 U	0.21 U	0.51	0.19 U	0.20 U
HEXACHLORO-1,3-BUTADIENE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
HEXACHLOROBENZENE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
HEXACHLOROCYCLOPENTADIEN	0.98 U	0.57 U	0.56 U	6.4 U	0.63 U	0.74 U	0.56 U	0.60 U
HEXACHLOROETHANE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
INDENO[1,2,3-CD]PYRENE	0.33 U	0.19 U	0.19 U	0.97 J	0.096 J	1.4	0.073 J	0.20 U
ISOPHORORNE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
M-DICHLOROBENZENE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
N-NITROSO-DI-N-PROPYLAMINE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
N-NITROSODIMETHYLAMINE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
N-NITROSODIPHENYLAMINE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
NAPHTHALENE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.14 J	0.19 U	0.20 U
NITROBENZENE	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
PENTACHLOROPHENOL	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
PHENANTHRENE	0.085 J	0.19 U	1.4	2.1 U	0.23	0.34	0.19 U	0.20 U
PHENOL	0.33 U	0.19 U	0.19 U	2.1 U	0.21 U	0.25 U	0.19 U	0.20 U
PYRENE	0.33 U	0.19 U	0.26	5.1	0.30	4.5	0.11 J	0.20 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-M-4	PG-M-5	PG-P-1	PG-P-1	PG-P-2	PG-P-2	PG-P-3	PG-P-3
Sample Date	11/22/2000	11/30/2000	11/22/2000	11/22/2000	11/30/2000	11/30/2000	11/22/00	11/22/00
Sample ID	PG-M-04	PG-M-05	PG-P-01	PG-P-01	PG-P-02	PG-P-02	PG-P-03	PG-P-03
Sample Depth	6-8'	6-6.5'	2-4'	8-10'	2-4'	4-6'	2-4'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
1,2-BENZPHENANTHRACENE	0.20 U	0.20 U	0.18 U	0.063 J	0.19 U	0.20 U	0.19 U	0.19 U
1,2-DICHLOROBENZENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
1,2-DIPHENYLHYDRAZINE	0.039 U	0.041 U	0.036 U	0.042 U	0.039 U	0.040 U	0.038 U	0.038 U
1,4-DICHLOROBENZENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
2,4,6-TRICHLORORPHENOL	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
2,4-DICHLOROPHENOL	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
2,4-DIMETHYLPHENOL	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
2,4-DINITROPHENOL	0.39 U	0.41 U	0.36 U	0.42 U	0.39 U	0.40 U	0.38 U	0.38 U
2,4-DINITROTOLUENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
2,6-DINITROTOLUENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
2-CHLORORNAPHTHALENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
2-CHLOROPHENOL	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
2-NITROPHENOL	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
3,3'-DICHLOROBENZIDINE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
4,6-DINITRO-O-CRESOL	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
4-BROMOPHENYLPHENYL ETHER	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
4-CHLORO-3-METHYLPHENOL	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
4-CHLOROPHENYLPHENYL ETHE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
4-NITROPHENOL	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
ACENAPHTHENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.094 J	0.19 U	0.19 U
ACENAPHTHYLENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
ANTHRACENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.13 J	0.19 U	0.19 U
BENZIDINE	0.39 U	0.41 U	0.36 U	0.42 U	0.39 U	0.40 U	0.38 U	0.38 U
BENZO[A]ANTHRACENE	0.20 U	0.20 U	0.18 U	0.043 J	0.19 U	0.044 J	0.19 U	0.19 U
BENZO[A]PYRENE	0.20 U	0.20 U	0.18 U	0.060 J	0.19 U	0.20 U	0.19 U	0.19 U
BENZO[B]FLOURANTHENE	0.20 U	0.20 U	0.044 J	0.095 J	0.19 U	0.20 U	0.19 U	0.19 U
BENZO[G,H,I]PERYLENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
BENZO[K]FLOURANTHENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
BENZYL BUTYL PHTHALATE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
BIS(2-CHLOROETHOXY)METHANE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
BIS(2-CHLOROETHYL)ETHER	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
BIS(2-CHLOROISOPROPYL)ETHE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
BIS(2-ETHYHEXYL)PHTHALATE	0.31 B	0.14 J	0.34 B	0.32 B	0.064 J	0.080 J	0.41 B	0.38 B
DI-N-BUTYL PHTHALATE	0.050 JB	0.20 U	0.038 JB	0.050 JB	0.19 U	0.042 J	0.052 JB	0.19 U
DI-N-OCTYL PHTHALATE	0.046 J	0.12 J	0.18 U	0.086 J	0.040 J	0.064 J	0.089 J	0.058 J
DIBENZ[A,H]ANTHRACENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
DIETHYL PHTHALATE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
DIMETHYL PHTHALATE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
FLUORANTHENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.23	0.19 U	0.19 U
FLUORENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.10 J	0.19 U	0.19 U
HEXACHLORO-1,3-BUTADIENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
HEXACHLOROBENZENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
HEXACHLOROCYCLOPENTADIEN	0.59 U	0.61 U	0.54 U	0.63 U	0.58 U	0.60 U	0.57 U	0.57 U
HEXACHLOROETHANE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
INDENO[1,2,3-CD]PYRENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
ISOPHORORNE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
M-DICHLOROBENZENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
N-NITROSO-DI-N-PROPYLAMINE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
N-NITROSODIMETHYLAMINE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
N-NITROSODIPHENYLAMINE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
NAPHTHALENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
NITROBENZENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
PENTACHLOROPHENOL	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
PHENANTHRENE	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.41	0.19 U	0.19 U
PHENOL	0.20 U	0.20 U	0.18 U	0.21 U	0.19 U	0.20 U	0.19 U	0.19 U
PYRENE	0.20 U	0.20 U	0.18 U	0.058 J	0.19 U	0.16 J	0.19 U	0.19 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PD-1	PG-PD-1	PG-PD-3	PG-PD-4	PG-PD-5	PG-PD-5	PG-PD-6	PG-PD-6
Sample Date	11/21/2000	11/21/2000	11/29/2000	12/2/00	12/2/00	12/2/00	11/21/00	11/21/00
Sample ID	PG-PD-01	PG-PD-01	PG-PD-3	PG-PD-4	PG-PD-5	PG-PD-5	PG-PD-06	PG-PD-06
Sample Depth	2-4'	10-12'	4-6'	8-10'	0.7-1.5'	2-4'	6-8'	12-14'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
1,2-BENZPHENANTHRACENE	0.19 U	0.21 U	0.21 U	0.20 U	0.15 J	0.19 U	0.095 J	0.33 J
1,2-DICHLOROBENZENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
1,2-DIPHENYLHYDRAZINE	0.037 U	0.042 U	0.041 U	0.041 U	0.038 U	0.037 U	0.071 U	0.13 U
1,4-DICHLOROBENZENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
2,4,6-TRICHLORORPHENOL	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
2,4-DICHLOROPHENOL	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
2,4-DIMETHYLPHENOL	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.63	0.64 U
2,4-DINITROPHENOL	0.37 U	0.42 U	0.41 U	0.41 U	0.38 U	0.37 U	0.71 U	1.3 U
2,4-DINITROTOLUENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
2,6-DINITROTOLUENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
2-CHLORORNAPHTHALENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
2-CHLOROPHENOL	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
2-NITROPHENOL	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
3,3'-DICHLOROBENZIDINE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
4,6-DINITRO-O-CRESOL	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
4-BROMOPHENYLPHENYL ETHER	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
4-CHLORO-3-METHYLPHENOL	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.20 J	0.64 U
4-CHLOROPHENYLPHENYL ETHE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
4-NITROPHENOL	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
ACENAPHTHENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.084 J	1.2
ACENAPHTHYLENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
ANTHRACENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.088 J	1.1
BENZIDINE	0.37 U	0.42 U	0.41 U	0.41 U	0.38 U	0.37 U	0.71 U	1.3 U
BENZO[A]ANTHRACENE	0.19 U	0.21 U	0.21 U	0.20 U	0.12 J	0.19 U	0.11 J	0.42 J
BENZO[A]PYRENE	0.19 U	0.21 U	0.21 U	0.20 U	0.14 J	0.19 U	0.35 U	0.64 U
BENZO[B]FLOURANTHENE	0.19 U	0.21 U	0.21 U	0.20 U	0.28	0.19 U	0.35 U	0.64 U
BENZO[G,H,I]PERYLENE	0.19 U	0.21 U	0.21 U	0.20 U	0.050 J	0.19 U	0.35 U	0.64 U
BENZO[K]FLOURANTHENE	0.19 U	0.21 U	0.21 U	0.20 U	0.077 J	0.19 U	0.35 U	0.64 U
BENZYL BUTYL PHTHALATE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
BIS(2-CHLOROETHOXY)METHANE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
BIS(2-CHLOROETHYL)ETHER	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
BIS(2-CHLOROISOPROPYL)ETHE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
BIS(2-ETHYHEXYL)PHTHALATE	0.086 JB	0.22 B	0.23 B	0.11 JB	0.19 B	0.12 JB	0.43 B	0.65 B
DI-N-BUTYL PHTHALATE	0.19 U	0.21 U	0.21 U	0.093 J	0.075 J	0.19 U	0.35 U	0.15 JB
DI-N-OCTYL PHTHALATE	0.19 U	0.21 U	0.21 U	0.075 JB	0.20 B	0.085 JB	0.11 J	0.64 U
DIBENZ[A,H]ANTHRACENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
DIETHYL PHTHALATE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
DIMETHYL PHTHALATE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
FLUORANTHENE	0.19 U	0.21 U	0.21 U	0.20 U	0.17 J	0.19 U	0.35 J	2.1
FLUORENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.13 J	1.7
HEXACHLORO-1,3-BUTADIENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
HEXACHLOROBENZENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
HEXACHLOROCYCLOPENTADIEN	0.56 U	0.63 U	0.62 U	0.61 U	0.57 U	0.56 U	1.1 U	1.9 U
HEXACHLOROETHANE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
INDENO[1,2,3-CD]PYRENE	0.19 U	0.21 U	0.21 U	0.20 U	0.049 J	0.19 U	0.35 U	0.64 U
ISOPHORORNE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
M-DICHLOROBENZENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
N-NITROSO-DI-N-PROPYLAMINE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
N-NITROSODIMETHYLAMINE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
N-NITROSODIPHENYLAMINE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
NAPHTHALENE	0.19 U	0.21 U	0.21 U	0.20 U	0.046 J	0.19 U	0.35 J	0.48 J
NITROBENZENE	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
PENTACHLOROPHENOL	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.64 U
PHENANTHRENE	0.19 U	0.21 U	0.21 U	0.20 U	0.098 J	0.19 U	0.37	6.5
PHENOL	0.19 U	0.21 U	0.21 U	0.20 U	0.19 U	0.19 U	0.35 U	0.19 J
PYRENE	0.19 U	0.21 U	0.21 U	0.20 U	0.16 J	0.19 U	0.26 J	1.3

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PD-8	PG-PD-8	PG-PD-8	PG-PD-9	PG-PD-9	PG-PD-10	PG-PD-10	PG-PD-11
Sample Date	11/29/00	11/29/00	11/29/00	12/4/00	12/4/00	11/28/2000	11/28/2000	11/27/2000
Sample ID	PG-PD-8	PG-PD-8	PG-PD-8	PG-PD-09	PG-PD-09	PG-PD-10	PG-PD-10	PG-PD-11
Sample Depth	2-4'	8-10'	16-17'	4-6'	8-10'	2-4'	6-8'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
1,2-BENZPHENANTHRACENE	4.6 U	4.4 U	0.10 J	0.16 J	0.25 U	0.19 U	0.43 U	0.29 U
1,2-DICHLOROBENZENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
1,2-DIPHENYLHYDRAZINE	0.93 U	0.89 U	0.067 U	0.049 U	0.051 U	0.038 U	0.085 U	0.058 U
1,4-DICHLOROBENZENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
2,4,6-TRICHLORORPHENOL	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
2,4-DICHLOROPHENOL	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
2,4-DIMETHYLPHENOL	4.6 U	4.4 U	0.33 U	0.25 U	0.13 J	0.21	0.43 U	0.29 U
2,4-DINITROPHENOL	9.3 U	8.9 U	0.67 U	0.49 U	0.51 U	0.38 U	0.85 U	0.58 U
2,4-DINITROTOLUENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
2,6-DINITROTOLUENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
2-CHLORORNAPHTHALENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
2-CHLOROPHENOL	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
2-NITROPHENOL	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
3,3'-DICHLOROBENZIDINE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
4,6-DINITRO-O-CRESOL	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
4-BROMOPHENYLPHENYL ETHER	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
4-CHLORO-3-METHYLPHENOL	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
4-CHLOROPHENYLPHENYL ETHE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
4-NITROPHENOL	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
ACENAPHTHENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
ACENAPHTHYLENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
ANTHRACENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
BENZIDINE	9.3 U	8.9 U	0.67 U	0.49 U	0.51 U	0.38 U	0.85 U	0.58 U
BENZO[A]ANTHRACENE	4.6 U	4.4 U	0.078 J	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
BENZO[A]PYRENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
BENZO[B]FLOURANTHENE	4.6 U	4.4 U	0.33 U	0.064 J	0.058 J	0.19 U	0.43 U	0.29 U
BENZO[G,H,I]PERYLENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
BENZO[K]FLOURANTHENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
BENZYL BUTYL PHTHALATE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
BIS(2-CHLOROETHOXY)METHANE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
BIS(2-CHLOROETHYL)ETHER	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
BIS(2-CHLOROISOPROPYL)ETHE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
BIS(2-ETHYHEXYL)PHTHALATE	4.6 U	4.4 U	0.33 B	0.14 JB	0.26 B	0.27	0.17 J	0.26 JB
DI-N-BUTYL PHTHALATE	4.6 U	4.4 U	0.33 U	0.25 U	0.11 JB	0.19 U	0.12 J	0.33 B
DI-N-OCTYL PHTHALATE	4.6 U	4.4 U	0.099 J	0.087 JB	0.12 JB	0.076 J	0.11 J	0.078 J
DIBENZ[A,H]ANTHRACENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
DIETHYL PHTHALATE	4.6 U	4.4 U	0.33 U	0.25 U	0.10 J	0.19 U	0.43 U	0.29 U
DIMETHYL PHTHALATE	4.6 U	4.4 U	0.33 U	0.25 U	0.20 J	0.19 U	0.43 U	0.29 U
FLUORANTHENE	4.6 U	4.4 U	0.11 J	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
FLUORENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
HEXACHLORO-1,3-BUTADIENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
HEXACHLOROBENZENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
HEXACHLOROCYCLOPENTADIEN	14 U	13 U	1.0 U	0.74 U	0.76 U	0.57 U	1.3 U	0.88 U
HEXACHLOROETHANE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
INDENO[1,2,3-CD]PYRENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
ISOPHORORNE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
M-DICHLOROBENZENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
N-NITROSO-DI-N-PROPYLAMINE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
N-NITROSODIMETHYLAMINE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
N-NITROSODIPHENYLAMINE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
NAPHTHALENE	4.6 U	4.4 U	0.17 J	0.064 J	0.13 J	0.046 J	0.43 U	0.29 U
NITROBENZENE	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
PENTACHLOROPHENOL	4.6 U	4.4 U	0.33 U	0.25 U	0.25 U	0.19 U	0.43 U	0.29 U
PHENANTHRENE	4.6 U	4.4 U	0.33 U	0.14 J	0.10 J	0.19 U	0.43 U	0.29 U
PHENOL	4.6 U	4.4 U	0.22 J	0.25 U	1.3	0.19 U	0.091 J	0.29 U
PYRENE	4.6 U	4.4 U	0.16 J	0.051 J	0.059 J	0.19 U	0.43 U	0.29 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PD-14	PG-PD-14	PG-Q1-1	PG-Q1-1	PG-RR-1	PG-RR-1	PG-RR-2	PG-RR-3
Sample Date	11/24/2000	11/24/2000	11/30/2000	11/30/2000	11/3/2000	11/3/2000	11/4/2000	11/3/2000
Sample ID	PG--PD-14	PG--PD-14	PG-Q1-1	PG-Q1-1	PG-RR-01	PG-RR-01	PG-RR-02	PG-RR-03
Sample Depth	2-4'	6-8'	2-4'	4-6'	0-1.2'	1.2-2'	0-2'	1.5-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
1,2-BENZPHENANTHRACENE	0.19 U	0.20 U	0.49	0.26 U	1.5	0.18 J	0.52	11
1,2-DICHLOROBENZENE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
1,2-DIPHENYLHYDRAZINE	0.038 U	0.039 U	0.038 U	0.051 U	0.039 U	0.038 U	0.039 U	0.19 U
1,4-DICHLOROBENZENE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
2,4,6-TRICHLORORPHENOL	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
2,4-DICHLOROPHENOL	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
2,4-DIMETHYLPHENOL	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
2,4-DINITROPHENOL	0.38 U	0.39 U	0.38 U	0.51 U	0.39 U	0.38 U	0.39 U	1.9 U
2,4-DINITROTOLUENE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
2,6-DINITROTOLUENE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
2-CHLORORNAPHTHALENE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
2-CHLOROPHENOL	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
2-NITROPHENOL	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
3,3'-DICHLOROBENZIDINE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
4,6-DINITRO-O-CRESOL	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
4-BROMOPHENYLPHENYL ETHER	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
4-CHLORO-3-METHYLPHENOL	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
4-CHLOROPHENYLPHENYL ETHE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
4-NITROPHENOL	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
ACENAPHTHENE	0.19 U	0.20 U	0.069 J	1.7	0.053 J	0.19 U	0.20 U	0.50 J
ACENAPHTHYLENE	0.19 U	0.20 U	0.095 J	0.26 U	0.41	0.19 U	0.11 J	3.3
ANTHRACENE	0.19 U	0.20 U	0.20	0.26 U	0.32	0.044 J	0.16 J	2.0
BENZIDINE	0.38 U	0.39 U	0.38 U	0.51 U	0.39 U	0.38 U	0.39 U	1.9 U
BENZO[A]ANTHRACENE	0.19 U	0.20 U	0.49	0.26 U	0.96	0.12 J	0.29	8.9
BENZO[A]PYRENE	0.19 U	0.20 U	0.46	0.26 U	1.2	0.15 J	0.35	15
BENZO[B]FLOURANTHENE	0.053 J	0.20 U	0.55	0.054 J	3.2	0.32	0.96	26
BENZO[G,H,I]PERYLENE	0.19 U	0.20 U	0.17 J	0.26 U	0.51	0.074 J	0.16 J	3.5
BENZO[K]FLOURANTHENE	0.19 U	0.20 U	0.30	0.26 U	0.19 U	0.19 U	0.20 U	11
BENZYL BUTYL PHTHALATE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
BIS(2-CHLOROETHOXY)METHANE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
BIS(2-CHLOROETHYL)ETHER	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
BIS(2-CHLOROISOPROPYL)ETHE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
BIS(2-ETHYHEXYL)PHTHALATE	0.19 U	0.20 U	0.60	0.11 J	0.075 J	0.19 U	0.052 J	0.23 J
DI-N-BUTYL PHTHALATE	0.19 U	0.20 U	0.068 J	0.26 U	0.19 U	0.19 U	0.060 J	0.97 U
DI-N-OCTYL PHTHALATE	0.19 U	0.20 U	0.039 J	0.095 J	0.071 J	0.19 U	0.064 J	0.35 J
DIBENZ[A,H]ANTHRACENE	0.19 U	0.20 U	0.19 U	0.26 U	0.29	0.046 J	0.089 J	0.97 U
DIETHYL PHTHALATE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
DIMETHYL PHTHALATE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
FLUORANTHENE	0.050 J	0.20 U	0.88	0.49	1.5	0.18 J	0.39	6.6
FLUORENE	0.19 U	0.20 U	0.13 J	0.35	0.081 J	0.19 U	0.042 J	0.47 J
HEXACHLORO-1,3-BUTADIENE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
HEXACHLOROBENZENE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
HEXACHLOROCYCLOPENTADIEN	0.57 U	0.59 U	0.57 U	0.77 U	0.58 U	0.57 U	0.59 U	2.9 U
HEXACHLOROETHANE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
INDENO[1,2,3-CD]PYRENE	0.19 U	0.20 U	0.15 J	0.26 U	0.55	0.085 J	0.17 J	4.3
ISOPHORORNE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
M-DICHLOROBENZENE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
N-NITROSO-DI-N-PROPYLAMINE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
N-NITROSODIMETHYLAMINE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
N-NITROSODIPHENYLAMINE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
NAPHTHALENE	0.19 U	0.20 U	0.15 J	0.12 J	0.34	0.039 J	0.50	2.2
NITROBENZENE	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
PENTACHLOROPHENOL	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
PHENANTHRENE	0.19 U	0.20 U	0.95	0.11 J	0.60	0.085 J	0.47	2.0
PHENOL	0.19 U	0.20 U	0.19 U	0.26 U	0.19 U	0.19 U	0.20 U	0.97 U
PYRENE	0.047 J	0.20 U	0.95	0.29	1.5	0.16 J	0.42	9.3

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-RR-4	PG-RR-4	PG-RR-5	PG-RR-5	PG-RR-6	PG-RR-6	PG-RR-7	PG-RR-7
Sample Date	11/4/2000	11/4/2000	11/7/2000	11/7/2000	11/6/2000	11/6/2000	11/6/2000	11/6/2000
Sample ID	PG-RR-04	PG-RR-04	PG-RR-05	PG-RR-05	PG-RR-06	PG-RR-06	PG-RR-07	PG-RR-07
Sample Depth	0.6-2'	3-4'	1-2'	2-4'	1-2'	2-4'	0-2'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2-BENZPHENANTHRACENE	0.23	0.21 U	0.055 J	0.18 U	0.079 J	0.18 U	0.18 U	0.11 J
1,2-DICHLOROBENZENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
1,2-DIPHENYLHYDRAZINE	0.037 U	0.042 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U	0.036 U
1,4-DICHLOROBENZENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4,6-TRICHLORORPHENOL	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4-DICHLOROPHENOL	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4-DIMETHYLPHENOL	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4-DINITROPHENOL	0.37 U	0.42 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
2,4-DINITROTOLUENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,6-DINITROTOLUENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-CHLORORNAPHTHALENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-CHLOROPHENOL	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2-NITROPHENOL	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
3,3'-DICHLOROBENZIDINE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4,6-DINITRO-O-CRESOL	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-BROMOPHENYLPHENYL ETHER	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-CHLORO-3-METHYLPHENOL	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-CHLOROPHENYLPHENYL ETHE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
4-NITROPHENOL	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
ACENAPHTHENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
ACENAPHTHYLENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
ANTHRACENE	0.049 J	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
BENZIDINE	0.37 U	0.42 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
BENZO[A]ANTHRACENE	0.20	0.21 U	0.18 U	0.18 U	0.054 J	0.18 U	0.18 U	0.074 J
BENZO[A]PYRENE	0.19	0.21 U	0.18 U	0.18 U	0.054 J	0.18 U	0.18 U	0.12 J
BENZO[B]FLOURANTHENE	0.18 J	0.21 U	0.18 U	0.18 U	0.12 J	0.18 U	0.18 U	0.22
BENZO[G,H,I]PERYLENE	0.12 J	0.21 U	0.18 U	0.18 U	0.043 J	0.18 U	0.18 U	0.17 J
BENZO[K]FLOURANTHENE	0.17 J	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
BENZYL BUTYL PHTHALATE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
BIS(2-CHLOROETHOXY)METHANE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
BIS(2-CHLOROETHYL)ETHER	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
BIS(2-CHLOROISOPROPYL)ETHE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
BIS(2-ETHYHEXYL)PHTHALATE	0.052 J	0.071 J	0.18 U	0.18 U	0.18 U	0.18 U	0.043 J	0.15 J
DI-N-BUTYL PHTHALATE	0.046 J	0.062 J	0.059 J	0.18 U	0.18 U	0.18 U	0.13 J	0.068 J
DI-N-OCTYL PHTHALATE	0.067 J	0.057 J	0.054 J	0.18 U	0.086 JB	0.078 JB	0.077 JB	0.11 JB
DIBENZ[A,H]ANTHRACENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.039 J
DIETHYL PHTHALATE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
DIMETHYL PHTHALATE	0.19 U	0.057 J	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
FLUORANTHENE	0.33	0.21 U	0.18 U	0.18 U	0.081 J	0.18 U	0.18 U	0.071 J
FLUORENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
HEXACHLORO-1,3-BUTADIENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
HEXACHLOROBENZENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
HEXACHLOROCYCLOPENTADIEN	0.56 U	0.62 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
HEXACHLOROETHANE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
INDENO[1,2,3-CD]PYRENE	0.10 J	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.096 J
ISOPHORORNE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
M-DICHLOROBENZENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
N-NITROSO-DI-N-PROPYLAMINE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
N-NITROSODIMETHYLAMINE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
N-NITROSODIPHENYLAMINE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
NAPHTHALENE	0.12 J	0.21 U	0.18 U	0.18 U	0.090 J	0.18 U	0.18 U	0.18 U
NITROBENZENE	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PENTACHLOROPHENOL	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PHENANTHRENE	0.21	0.21 U	0.064 J	0.18 U	0.11 J	0.18 U	0.18 U	0.046 J
PHENOL	0.19 U	0.21 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
PYRENE	0.34	0.21 U	0.18 U	0.18 U	0.079 J	0.18 U	0.18 U	0.14 J

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-RR-8	PG-RR-8	PG-RR-10	PG-RR-10	PG-RR-15	PG-RR-15	PG-STAIN-1	PG-STAIN-1
Sample Date	12/1/2000	12/1/2000	12/2/00	12/2/00	11/25/00	11/27/00	11/24/2000	11/24/2000
Sample ID	PG-RR-08	PG-RR-08	PG-RR10	PG-RR10	PG-RR-15	PG-RR-15	PG-STAIN-1	PG-STAIN-1
Sample Depth	2-4'	6-8'	2-2.5'	8-10'	0-2'	4-6'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.042 J
1,2-BENZPHENANTHRACENE	0.058 J	0.084 J	0.47	1.1 U	0.098 J	2.1	0.14 J	0.12 J
1,2-DICHLOROBENZENE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.055 J
1,2-DIPHENYLHYDRAZINE	0.052 U	0.046 U	0.045 U	0.22 U	0.035 U	0.049 U	0.037 U	0.040 U
1,4-DICHLOROBENZENE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.050 J
2,4,6-TRICHLORORPHENOL	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
2,4-DICHLOROPHENOL	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
2,4-DIMETHYLPHENOL	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.055 J
2,4-DINITROPHENOL	0.52 U	0.46 U	0.45 U	2.2 U	0.35 U	0.49 U	0.37 U	0.40 U
2,4-DINITROTOLUENE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
2,6-DINITROTOLUENE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
2-CHLORORNAPHTHALENE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
2-CHLOROPHENOL	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.071 J
2-NITROPHENOL	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.071 J
3,3'-DICHLOROBENZIDINE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
4,6-DINITRO-O-CRESOL	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
4-BROMOPHENYLPHENYL ETHER	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
4-CHLORO-3-METHYLPHENOL	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.045 J
4-CHLOROPHENYLPHENYL ETHE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
4-NITROPHENOL	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
ACENAPHTHENE	0.26 U	0.23 U	1.7	1.1 U	0.17 U	0.064 J	0.19 U	0.20 U
ACENAPHTHYLENE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.73	0.19 U	0.20 U
ANTHRACENE	0.26 U	0.23 U	0.63	1.1 U	0.17 U	0.27	0.19 U	0.20 U
BENZIDINE	0.52 U	0.46 U	0.45 U	2.2 U	0.35 U	0.49 U	0.37 U	0.40 U
BENZO[A]ANTHRACENE	0.26 U	0.055 J	0.39	1.1 U	0.083 J	1.8	0 11 J	0.083 J
BENZO[A]PYRENE	0.26 U	0.23 U	0.15 J	1.1 U	0.083 J	2.2	0.096 J	0.057 J
BENZO[B]FLOURANTHENE	0.059 J	0.047 J	0.25	1.1 U	0.13 J	4.1	0.16 J	0.086 J
BENZO[G,H,I]PERYLENE	0.26 U	0.23 U	0.059 J	1.1 U	0.065 J	0.83	0.059 J	0.042 J
BENZO[K]FLOURANTHENE	0.26 U	0.23 U	0.079 J	1.1 U	0.039 J	0.83	0.061 J	0.20 U
BENZYL BUTYL PHTHALATE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
BIS(2-CHLOROETHOXY)METHANE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
BIS(2-CHLOROETHYL)ETHER	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
BIS(2-CHLOROISOPROPYL)ETHE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.059 J
BIS(2-ETHYHEXYL)PHTHALATE	0.16 JB	0.30 B	0.12 JB	0.69 JB	0.040 J	0.071 J	0.18 JB	0.22 B
DI-N-BUTYL PHTHALATE	0.17 J	0.095 J	0.23 U	1.1 U	0.036 JB	0.25 U	0.19 U	0.20 U
DI-N-OCTYL PHTHALATE	0.12 J	0.27	0.086 JB	1.1 U	0.17 U	0.25 U	0.075 J	0.20
DIBENZ[A,H]ANTHRACENE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.37	0.19 U	0.20 U
DIETHYL PHTHALATE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
DIMETHYL PHTHALATE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
FLUORANTHENE	0.26 U	0.23 U	1.9	0.26 J	0.16 J	3.6	0.15 J	0.079 J
FLUORENE	0.26 U	0.23 U	1.3	1.1 U	0.17 U	0.12 J	0.19 U	0.20 U
HEXACHLORO-1,3-BUTADIENE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.045 J
HEXACHLOROBENZENE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
HEXACHLOROCYCLOPENTADIEN	0.78 U	0.69 U	0.68 U	3.3 U	0.52 U	0.74 U	0.56 U	0.60 U
HEXACHLOROETHANE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.066 J
INDENO[1,2,3-CD]PYRENE	0.26 U	0.23 U	0.053 J	1.1 U	0.055 J	0.92	0.051 J	0.20 U
ISOPHORORNE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
M-DICHLOROBENZENE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.055 J
N-NITROSO-DI-N-PROPYLAMINE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
N-NITROSODIMETHYLAMINE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
N-NITROSODIPHENYLAMINE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
NAPHTHALENE	0.26 U	0.081 J	0.71	1.1 U	0.17 U	0.058 J	0.13 J	0.16 J
NITROBENZENE	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.064 J
PENTACHLOROPHENOL	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.20 U
PHENANTHRENE	0.082 J	0.15 J	3.1	0.44 J	0.051 J	0.73	0.18 J	0.19 J
PHENOL	0.26 U	0.23 U	0.23 U	1.1 U	0.17 U	0.25 U	0.19 U	0.067 J
PYRENE	0.26 U	0.076 J	1.4	1.1 U	0.14 J	3.1	0.14 J	0.094 J

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-STAIN-02	PG-STAIN-02	PG-STAIN-03	PG-STAIN-03	PG-STAIN-3B	PG-STAIN-3B	PG-FS-1B	PG-FS-1B
Sample Date	11/11/2000	11/11/2000	11/10/2000	11/10/2000	11/11/00	11/11/00	11/17/2000	11/17/2000
Sample ID	PG-ST-02	PG-ST-02	PG-ST-03	PG-ST-03	PG-ST-3B	PG-ST-3B	PG-FS-01B	PG-FS-01B
Sample Depth	1-2'	2-3'	1.7-2.5'	2.5-3.5'	0-2'	2-4'	1-2'	6-6.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
1,2-BENZPHENANTHRACENE	0.20 U	0.20 U	77	2.4	0.55	0.18 U	17 U	0.27 U
1,2-DICHLOROBENZENE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
1,2-DIPHENYLHYDRAZINE	0.039 U	0.040 U	3.9 U	0.21 U	0.036 U	0.036 U	3.3 U	0.054 U
1,4-DICHLOROBENZENE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
2,4,6-TRICHLORORPHENOL	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
2,4-DICHLOROPHENOL	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
2,4-DIMETHYLPHENOL	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
2,4-DINITROPHENOL	0.39 U	0.40 U	39 U	2.1 U	0.36 U	0.36 U	33 U	0.54 U
2,4-DINITROTOLUENE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
2,6-DINITROTOLUENE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
2-CHLORORNAPHTHALENE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
2-CHLOROPHENOL	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
2-NITROPHENOL	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
3,3'-DICHLOROBENZIDINE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
4,6-DINITRO-O-CRESOL	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
4-BROMOPHENYLPHENYL ETHER	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
4-CHLORO-3-METHYLPHENOL	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
4-CHLOROPHENYLPHENYL ETHE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
4-NITROPHENOL	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
ACENAPHTHENE	0.20 U	0.20 U	200	5.6	0.059 J	0.18 U	17 U	0.27 U
ACENAPHTHYLENE	0.20 U	0.20 U	32	0.80 J	0.044 J	0.18 U	17 U	0.27 U
ANTHRACENE	0.20 U	0.20 U	140	4.1	0.13 J	0.18 U	17 U	0.27 U
BENZIDINE	0.39 U	0.40 U	39 U	2.1 U	0.36 U	0.36 U	33 U	0.54 U
BENZO[A]ANTHRACENE	0.20 U	0.20 U	86	2.6	0.44	0.18 U	17 U	0.27 U
BENZO[A]PYRENE	0.20 U	0.20 U	44	1.3	0.47	0.18 U	17 U	0.27 U
BENZO[B]FLOURANTHENE	0.20 U	0.20 U	63	2	1.1	0.18 U	17 U	0.27 U
BENZO[G,H,I]PERYLENE	0.20 U	0.20 U	18 J	0.52 J	0.24	0.18 U	17 U	0.27 U
BENZO[K]FLOURANTHENE	0.20 U	0.20 U	22	0.66 J	0.18 U	0.18 U	17 U	0.27 U
BENZYL BUTYL PHTHALATE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
BIS(2-CHLOROETHOXY)METHANE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
BIS(2-CHLOROETHYL)ETHER	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
BIS(2-CHLOROISOPROPYL)ETHE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
BIS(2-ETHYHEXYL)PHTHALATE	0.12 JB	0.13 JB	19 U	0.26 JB	0.30 B	0.087 JB	17 U	0.11 J
DI-N-BUTYL PHTHALATE	0.067 J	0.20 U	19 U	1.1 U	0.086 J	0.056 J	17 U	0.27 U
DI-N-OCTYL PHTHALATE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
DIBENZ[A,H]ANTHRACENE	0.20 U	0.20 U	6.3 J	1.1 U	0.13 J	0.18 U	17 U	0.27 U
DIETHYL PHTHALATE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
DIMETHYL PHTHALATE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
FLUORANTHENE	0.20 U	0.20 U	350	9.9	0.66	0.055 J	17 U	0.27 U
FLUORENE	0.20 U	0.20 U	190	5.3	0.054 J	0.18 U	17 U	0.27 U
HEXACHLORO-1,3-BUTADIENE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
HEXACHLOROBENZENE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
HEXACHLOROCYCLOPENTADIEN	0.59 U	0.60 U	58 U	3.2 U	0.54 U	0.54 U	50 U	0.81 U
HEXACHLOROETHANE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
INDENO[1,2,3-CD]PYRENE	0.20 U	0.20 U	19 J	0.58 J	0.23	0.18 U	17 U	0.27 U
ISOPHORORNE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
M-DICHLOROBENZENE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
N-NITROSO-DI-N-PROPYLAMINE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
N-NITROSODIMETHYLAMINE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
N-NITROSODIPHENYLAMINE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
NAPHTHALENE	0.20 U	0.20 U	420	11	0.18 J	0.18 U	17 U	0.27 U
NITROBENZENE	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
PENTACHLOROPHENOL	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
PHENANTHRENE	0.20 U	0.20 U	540	16	0.49	0.18 U	17 U	0.27 U
PHENOL	0.20 U	0.20 U	19 U	1.1 U	0.18 U	0.18 U	17 U	0.27 U
PYRENE	0.20 U	0.20 U	230	7.1	0.77	0.043 J	17 U	0.27 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FS-1B	PG-FS-2	PG-FS-2	PG-FS-2	PG-FS-3	PG-FS-3	PG-FS-4	PG-FS-4
Sample Date	11/17/2000	11/17/2000	11/17/2000	11/17/2000	11/15/00	11/15/00	11/15/00	11/15/00
Sample ID	PG-FS-01B	PG-FS-02	PG-FS-02	PG-FS-02	PG-FS03	PG-FS03	PG-FS04	PG-FS04
Sample Depth	12-13.5'	2-4'	8-10'	17-18'	2-4'	6.5-8'	0.5-1'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
1,2-BENZPHENANTHRACENE	0.32 U	0.19 U	0.20 U	0.19 U	0.048 J	0.20 U	0.28	0.091 J
1,2-DICHLOROBENZENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
1,2-DIPHENYLHYDRAZINE	0.064 U	0.038 U	0.041 U	0.037 U	0.038 U	0.039 U	0.044 U	0.049 U
1,4-DICHLOROBENZENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
2,4,6-TRICHLORORPHENOL	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
2,4-DICHLOROPHENOL	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
2,4-DIMETHYLPHENOL	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
2,4-DINITROPHENOL	0.64 U	0.38 U	0.41 U	0.37 U	0.38 U	0.39 U	0.44 U	0.49 U
2,4-DINITROTOLUENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
2,6-DINITROTOLUENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
2-CHLORORNAPHTHALENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
2-CHLOROPHENOL	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
2-NITROPHENOL	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
3,3'-DICHLOROBENZIDINE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
4,6-DINITRO-O-CRESOL	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
4-BROMOPHENYLPHENYL ETHER	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
4-CHLORO-3-METHYLPHENOL	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
4-CHLOROPHENYLPHENYL ETHE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
4-NITROPHENOL	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
ACENAPHTHENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.073 J	0.25 U
ACENAPHTHYLENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
ANTHRACENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.066 J	0.25 U
BENZIDINE	0.64 U	0.38 U	0.41 U	0.37 U	0.38 U	0.39 U	0.44 U	0.49 U
BENZO[A]ANTHRACENE	0.32 U	0.19 U	0.20 U	0.19 U	0.042 J	0.20 U	0.19 J	0.25 U
BENZO[A]PYRENE	0.32 U	0.19 U	0.20 U	0.19 U	0.043 J	0.20 U	0.15 J	0.25 U
BENZO[B]FLOURANTHENE	0.32 U	0.19 U	0.20 U	0.19 U	0.051 J	0.20 U	0.25	0.25 U
BENZO[G,H,I]PERYLENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.060 J	0.25 U
BENZO[K]FLOURANTHENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.24	0.25 U
BENZYL BUTYL PHTHALATE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
BIS(2-CHLOROETHOXY)METHANE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
BIS(2-CHLOROETHYL)ETHER	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
BIS(2-CHLOROISOPROPYL)ETHE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
BIS(2-ETHYHEXYL)PHTHALATE	0.099 J	0.19 U	0.050 J	0.19 U	0.091 JB	1.3 B	0.061 JB	0.15 JB
DI-N-BUTYL PHTHALATE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.039 J	0.26	0.071 J
DI-N-OCTYL PHTHALATE	0.32 U	0.19 U	0.20 U	0.19 U	0.044 JB	0.11 JB	0.092 JB	0.15 JB
DIBENZ[A,H]ANTHRACENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
DIETHYL PHTHALATE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
DIMETHYL PHTHALATE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
FLUORANTHENE	0.32 U	0.19 U	0.20 U	0.19 U	0.079 J	0.20 U	0.45	0.25 U
FLUORENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.077 J	0.25 U
HEXACHLORO-1,3-BUTADIENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
HEXACHLOROBENZENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
HEXACHLOROCYCLOPENTADIEN	0.96 U	0.57 U	0.61 U	0.56 U	0.57 U	0.59 U	0.66 U	0.74 U
HEXACHLOROETHANE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
INDENO[1,2,3-CD]PYRENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.067 J	0.25 U
ISOPHORORNE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
M-DICHLOROBENZENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
N-NITROSO-DI-N-PROPYLAMINE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
N-NITROSODIMETHYLAMINE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
N-NITROSODIPHENYLAMINE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
NAPHTHALENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.093 J	0.25 U
NITROBENZENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
PENTACHLOROPHENOL	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
PHENANTHRENE	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.38	0.11 J
PHENOL	0.32 U	0.19 U	0.20 U	0.19 U	0.19 U	0.20 U	0.22 U	0.25 U
PYRENE	0.32 U	0.19 U	0.20 U	0.19 U	0.077 J	0.20 U	0.41	0.051 J

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FS-6	PG-FS-6	PG-FS-7	PG-FS-7	PG-FS-8	PG-FILL-02	PG-FILL-03	PG-FILL-03
Sample Date	11/24/00	11/24/00	12/1/00	12/1/00	11/24/00	11/3/2000	11/4/2000	11/6/2000
Sample ID	PG-FS-06	PG-FS-06	PG-FS-7	PG-FS-7	PG-FS-08	PGFILL02	PGFILL03	PGFILL03
Sample Depth	1-2'	4-6'	2-4'	8-10'	0-2'	0.7-3'	0.5-2'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
1,2-BENZPHENANTHRACENE	0.10 J	0.21 U	0.29	0.21 U	0.18 U	0.18 J	1.6	0.58
1,2-DICHLOROBENZENE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
1,2-DIPHENYLHYDRAZINE	0.036 U	0.043 U	0.042 U	0.042 U	0.035 U	0.043 U	0.036 U	0.037 U
1,4-DICHLOROBENZENE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
2,4,6-TRICHLORORPHENOL	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
2,4-DICHLOROPHENOL	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
2,4-DIMETHYLPHENOL	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
2,4-DINITROPHENOL	0.36 U	0.43 U	0.42 U	0.42 U	0.35 U	0.43 U	0.36 U	0.37 U
2,4-DINITROTOLUENE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
2,6-DINITROTOLUENE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
2-CHLORORNAPHTHALENE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
2-CHLOROPHENOL	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
2-NITROPHENOL	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
3,3'-DICHLOROBENZIDINE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
4,6-DINITRO-O-CRESOL	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
4-BROMOPHENYLPHENYL ETHER	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
4-CHLORO-3-METHYLPHENOL	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
4-CHLOROPHENYLPHENYL ETHE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
4-NITROPHENOL	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
ACENAPHTHENE	0.038 J	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.099 J	0.058 J
ACENAPHTHYLENE	0.051 J	0.21 U	0.081 J	0.21 U	0.18 U	0.22 U	0.064 J	0.046 J
ANTHRACENE	0.18 U	0.21 U	0.052 J	0.21 U	0.18 U	0.22 U	0.33	0.12 J
BENZIDINE	0.36 U	0.43 U	0.42 U	0.42 U	0.35 U	0.43 U	0.36 U	0.37 U
BENZO[A]ANTHRACENE	0.052 J	0.21 U	0.34	0.21 U	0.18 U	0.12 J	1.3	0.47
BENZO[A]PYRENE	0.069 J	0.21 U	0.34	0.21 U	0.18 U	0.081 J	1.4	0.54
BENZO[B]FLOURANTHENE	0.12 J	0.21 U	0.54	0.21 U	0.18 U	0.14 J	1.4	0.59
BENZO[G,H,I]PERYLENE	0.059 J	0.21 U	0.12 J	0.21 U	0.18 U	0.22 U	0.66	0.34
BENZO[K]FLOURANTHENE	0.076 J	0.21 U	0.32	0.21 U	0.18 U	0.064 J	1.3	0.53
BENZYL BUTYL PHTHALATE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
BIS(2-CHLOROETHOXY)METHANE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
BIS(2-CHLOROETHYL)ETHER	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
BIS(2-CHLOROISOPROPYL)ETHE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
BIS(2-ETHYHEXYL)PHTHALATE	0.072 JB	0.088 JB	0.14 JB	0.14 JB	0.069 JB	0.12 J	0.038 J	0.21
DI-N-BUTYL PHTHALATE	0.040 JB	0.14 JB	0.049 J	0.12 J	0.18 U	0.22 U	0.078 J	0.043 J
DI-N-OCTYL PHTHALATE	0.078 J	0.056 J	0.13 J	0.089 J	0.044 J	0.23	0.057 JB	0.17 JB
DIBENZ[A,H]ANTHRACENE	0.053 J	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.35	0.16 J
DIETHYL PHTHALATE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
DIMETHYL PHTHALATE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
FLUORANTHENE	0.042 J	0.21 U	0.36	0.21 U	0.18 U	0.14 J	1.9	0.70
FLUORENE	0.091 J	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.084 J	0.19 U
HEXACHLORO-1,3-BUTADIENE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
HEXACHLOROBENZENE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
HEXACHLOROCYCLOPENTADIEN	0.54 U	0.64 U	0.63 U	0.63 U	0.53 U	0.65 U	0.54 U	0.56 U
HEXACHLOROETHANE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
INDENO[1,2,3-CD]PYRENE	0.038 J	0.21 U	0.14 J	0.21 U	0.18 U	0.22 U	0.66	0.31
ISOPHORORNE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
M-DICHLOROBENZENE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
N-NITROSO-DI-N-PROPYLAMINE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
N-NITROSODIMETHYLAMINE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
N-NITROSODIPHENYLAMINE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
NAPHTHALENE	0.061 J	0.21 U	0.18 J	0.21 U	0.18 U	0.56	0.18 U	0.27
NITROBENZENE	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
PENTACHLOROPHENOL	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
PHENANTHRENE	0.15 J	0.21 U	0.23	0.21 U	0.18 U	0.45	1.2	0.38
PHENOL	0.18 U	0.21 U	0.21 U	0.21 U	0.18 U	0.22 U	0.18 U	0.19 U
PYRENE	0.13 J	0.21 U	0.33	0.21 U	0.18 U	0.23	2.2	0.84

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-03	PG-FILL-04	PG-FILL-04	PG-FILL-04	PG-FILL-04	PG-FILL-5	PG-FILL-5	PG-FILL-7
Sample Date	11/6/2000	11/6/2000	11/6/2000	11/6/2000	11/6/2000	11/18/2000	11/18/2000	12/4/2000
Sample ID	PGFILL03	PGFILL04	PGFILL04	PGFILL04	PGFILL04	PG-FILL-5	PG-FILL-5	PG-FILL7
Sample Depth	4-6'	0-2'	2-4'	4-6'	7-8'	2-4'	6-8'	1-2.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
1,2-BENZPHENANTHRACENE	0.053 J	0.33	0.19 U	0.12 J	0.21 U	0.18 U	0.19 U	0.070 J
1,2-DICHLOROBENZENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
1,2-DIPHENYLHYDRAZINE	0.037 U	0.039 U	0.037 U	0.038 U	0.042 U	0.036 U	0.039 U	0.036 U
1,4-DICHLOROBENZENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
2,4,6-TRICHLORORPHENOL	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
2,4-DICHLOROPHENOL	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
2,4-DIMETHYLPHENOL	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
2,4-DINITROPHENOL	0.37 U	0.39 U	0.37 U	0.38 U	0.42 U	0.36 U	0.39 U	0.36 U
2,4-DINITROTOLUENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
2,6-DINITROTOLUENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
2-CHLORORNAPHTHALENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
2-CHLOROPHENOL	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
2-NITROPHENOL	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
3,3'-DICHLOROBENZIDINE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
4,6-DINITRO-O-CRESOL	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
4-BROMOPHENYLPHENYL ETHER	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
4-CHLORO-3-METHYLPHENOL	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
4-CHLOROPHENYLPHENYL ETHE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
4-NITROPHENOL	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
ACENAPHTHENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
ACENAPHTHYLENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
ANTHRACENE	0.19 U	0.040 J	0.19 U	0.041 J	0.21 U	0.18 U	0.19 U	0.18 U
BENZIDINE	0.37 U	0.39 U	0.37 U	0.38 U	0.42 U	0.36 U	0.39 U	0.36 U
BENZO[A]ANTHRACENE	0.19 U	0.22	0.19 U	0.082 J	0.21 U	0.18 U	0.19 U	0.060 J
BENZO[A]PYRENE	0.19 U	0.21	0.19 U	0.076 J	0.081 J	0.18 U	0.19 U	0.053 J
BENZO[B]FLOURANTHENE	0.073 J	0.45	0.19 U	0.11 J	0.21 U	0.18 U	0.19 U	0.083 J
BENZO[G,H,I]PERYLENE	0.19 U	0.10 J	0.19 U	0.045 J	0.21 U	0.18 U	0.19 U	0.041 J
BENZO[K]FLOURANTHENE	0.19 U	0.19 U	0.19 U	0.054 J	0.21 U	0.18 U	0.19 U	0.18 U
BENZYL BUTYL PHTHALATE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
BIS(2-CHLOROETHOXY)METHANE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
BIS(2-CHLOROETHYL)ETHER	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
BIS(2-CHLOROISOPROPYL)ETHE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
BIS(2-ETHYHEXYL)PHTHALATE	0.19 U	0.19 U	0.19 U	0.19 U	0.055 J	0.041 J	0.19 U	0.064 JB
DI-N-BUTYL PHTHALATE	0.19 U	0.19 U	0.19 U	0.10 J	0.14 J	0.18 U	0.19 U	0.076 JB
DI-N-OCTYL PHTHALATE	0.059 JB	0.11 JB	0.19 B	0.14 JB	0.10 JB	0.18 U	0.19 U	0.18 U
DIBENZ[A,H]ANTHRACENE	0.19 U	0.076 J	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
DIETHYL PHTHALATE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
DIMETHYL PHTHALATE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
FLUORANTHENE	0.19 U	0.35	0.19 U	0.15 J	0.21 U	0.18 U	0.19 U	0.080 J
FLUORENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
HEXACHLORO-1,3-BUTADIENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
HEXACHLOROBENZENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
HEXACHLOROCYCLOPENTADIEN	0.56 U	0.58 U	0.56 U	0.57 U	0.62 U	0.54 U	0.58 U	0.54 U
HEXACHLOROETHANE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
INDENO[1,2,3-CD]PYRENE	0.19 U	0.10 J	0.19 U	0.039 J	0.21 U	0.18 U	0.19 U	0.18 U
ISOPHORORNE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
M-DICHLOROBENZENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
N-NITROSO-DI-N-PROPYLAMINE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
N-NITROSODIMETHYLAMINE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
N-NITROSODIPHENYLAMINE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
NAPHTHALENE	0.19 U	0.18 J	0.19 U	0.050 J	0.21 U	0.18 U	0.19 U	0.051 J
NITROBENZENE	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
PENTACHLOROPHENOL	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
PHENANTHRENE	0.042 J	0.31	0.19 U	0.21	0.21 U	0.18 U	0.19 U	0.067 J
PHENOL	0.19 U	0.19 U	0.19 U	0.19 U	0.21 U	0.18 U	0.19 U	0.18 U
PYRENE	0.19 U	0.33	0.19 U	0.13 J	0.21 U	0.037 J	0.19 U	0.076 J

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-7	PG-FILL-7	PG-FILL-8	PG-FILL-8	PG-FILL-10	PG-FILL-10	PG-FILL-11	PG-FILL-11
Sample Date	12/4/2000	12/4/2000	12/2/2000	12/2/2000	12/1/2000	12/1/2000	11/21/2000	11/21/2000
Sample ID	PG-FILL7	PG-FILL7	PG-FILL08	PG-FILL08	PG-FILL10	PG-FILL10	PG-FILL11	PG-FILL11
Sample Depth	2.5-4'	10-12'	0-2'	6-8'	3-4'	6.4-8.2'	1-2'	2-3.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
1,2-BENZPHENANTHRACENE	0.30	0.35 U	0.33	0.35 U	0.23	0.43	0.28 U	1
1,2-DICHLOROBENZENE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
1,2-DIPHENYLHYDRAZINE	0.037 U	0.071 U	0.040 U	0.069 U	0.037 U	0.079 U	0.056 U	0.041 U
1,4-DICHLOROBENZENE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
2,4,6-TRICHLORORPHENOL	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
2,4-DICHLOROPHENOL	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
2,4-DIMETHYLPHENOL	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
2,4-DINITROPHENOL	0.37 U	0.71 U	0.40 U	0.69 U	0.37 U	0.79 U	0.56 U	0.41 U
2,4-DINITROTOLUENE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
2,6-DINITROTOLUENE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
2-CHLORORNAPHTHALENE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
2-CHLOROPHENOL	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
2-NITROPHENOL	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
3,3'-DICHLOROBENZIDINE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
4,6-DINITRO-O-CRESOL	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
4-BROMOPHENYLPHENYL ETHER	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
4-CHLORO-3-METHYLPHENOL	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
4-CHLOROPHENYLPHENYL ETHE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
4-NITROPHENOL	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
ACENAPHTHENE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.14 J	0.28 U	0.093 J
ACENAPHTHYLENE	0.039 J	0.35 U	0.065 J	0.35 U	0.069 J	0.40 U	0.28 U	0.20 U
ANTHRACENE	0.045 J	0.35 U	0.11 J	0.35 U	0.054 J	0.17 J	0.28 U	0.34
BENZIDINE	0.37 U	0.71 U	0.40 U	0.69 U	0.37 U	0.79 U	0.56 U	0.41 U
BENZO[A]ANTHRACENE	0.21	0.35 U	0.26	0.35 U	0.24	0.42	0.28 U	0.96
BENZO[A]PYRENE	0.23	0.35 U	0.25	0.35 U	0.17 J	0.34 J	0.28 U	1
BENZO[B]FLOURANTHENE	0.36	0.35 U	0.50	0.35 U	0.18 J	0.62	0.28 U	1.4
BENZO[G,H,I]PERYLENE	0.20	0.35 U	0.22	0.35 U	0.11 J	0.11 J	0.28 U	0.42
BENZO[K]FLOURANTHENE	0.12 J	0.35 U	0.17 J	0.35 U	0.063 J	0.30 J	0.28 U	0.59
BENZYL BUTYL PHTHALATE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
BIS(2-CHLOROETHOXY)METHANE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
BIS(2-CHLOROETHYL)ETHER	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
BIS(2-CHLOROISOPROPYL)ETHE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
BIS(2-ETHYHEXYL)PHTHALATE	0.095 JB	0.080 JB	0.20 B	0.15 JB	0.070 JB	0.27 JB	0.44 B	0.10 JB
DI-N-BUTYL PHTHALATE	0.060 JB	0.35 U	0.20 U	0.35 U	0.050 J	0.18 J	0.28 U	0.11 JB
DI-N-OCTYL PHTHALATE	0.041 JB	0.35 U	0.078 JB	0.35 U	0.037 J	0.15 J	0.28 U	0.054 J
DIBENZ[A,H]ANTHRACENE	0.059 J	0.35 U	0.075 J	0.35 U	0.18 U	0.40 U	0.28 U	0.17 J
DIETHYL PHTHALATE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
DIMETHYL PHTHALATE	0.19 U	0.35 U	0.048 J	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
FLUORANTHENE	0.36	0.35 U	0.40	0.35 U	0.35	0.67	0.056 J	1.5
FLUORENE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.15 J	0.28 U	0.15 J
HEXACHLORO-1,3-BUTADIENE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
HEXACHLOROBENZENE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
HEXACHLOROCYCLOPENTADIEN	0.56 U	1.1 U	0.60 U	1.0 U	0.55 U	1.2 U	0.83 U	0.61 U
HEXACHLOROETHANE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
INDENO[1,2,3-CD]PYRENE	0.16 J	0.35 U	0.20	0.35 U	0.078 J	0.11 J	0.28 U	0.37
ISOPHORORNE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
M-DICHLOROBENZENE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
N-NITROSO-DI-N-PROPYLAMINE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
N-NITROSODIMETHYLAMINE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
N-NITROSODIPHENYLAMINE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
NAPHTHALENE	0.21	0.35 U	0.040 J	0.35 U	0.18 U	1.9	0.28 U	0.27
NITROBENZENE	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
PENTACHLOROPHENOL	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
PHENANTHRENE	0.37	0.35 U	0.14 J	0.35 U	0.18 J	0.58	0.086 J	1.3
PHENOL	0.19 U	0.35 U	0.20 U	0.35 U	0.18 U	0.40 U	0.28 U	0.20 U
PYRENE	0.42	0.35 U	0.40	0.35 U	0.62	0.58	0.28 U	1.5

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-12	PG-FILL-13	PG-FILL-13	PG-FILL-14	PG-FILL-14	PG-FILL-15	PG-FILL-15	PG-FILL-16
Sample Date	11/27/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/25/2000	11/25/2000	11/24/2000
Sample ID	PG-FILL12	PG-FILL13	PG-FILL13	PG-FILL14	PG-FILL14	PG-FILL15	PG-FILL15	PG-FILL16
Sample Depth	1-2'	1-3'	3-5'	4-6'	6-8'	4-6'	12-13'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
1,2-BENZPHENANTHRACENE	0.071 J	0.31	0.20 U	0.20 U	0.20 U	1.3	0.52	0.20 U
1,2-DICHLOROBENZENE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
1,2-DIPHENYLHYDRAZINE	0.044 U	0.039 U	0.040 U	0.041 U	0.040 U	0.044 U	0.039 U	0.039 U
1,4-DICHLOROBENZENE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
2,4,6-TRICHLORORPHENOL	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
2,4-DICHLOROPHENOL	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
2,4-DIMETHYLPHENOL	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
2,4-DINITROPHENOL	0.44 U	0.39 U	0.40 U	0.41 U	0.40 U	0.44 U	0.39 U	0.39 U
2,4-DINITROTOLUENE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
2,6-DINITROTOLUENE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
2-CHLORORNAPHTHALENE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
2-CHLOROPHENOL	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
2-NITROPHENOL	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
3,3'-DICHLOROBENZIDINE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
4,6-DINITRO-O-CRESOL	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
4-BROMOPHENYLPHENYL ETHER	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
4-CHLORO-3-METHYLPHENOL	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
4-CHLOROPHENYLPHENYL ETHE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
4-NITROPHENOL	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
ACENAPHTHENE	0.22 U	0.48	0.20 U	0.20 U	0.20 U	0.058 J	0.099 J	0.20 U
ACENAPHTHYLENE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.58	0.19 U	0.20 U
ANTHRACENE	0.22 U	0.21	0.20 U	0.20 U	0.20 U	0.17 J	0.28	0.20 U
BENZIDINE	0.44 U	0.39 U	0.40 U	0.41 U	0.40 U	0.44 U	0.39 U	0.39 U
BENZO[A]ANTHRACENE	0.059 J	0.25	0.20 U	0.20 U	0.20 U	1.2	0.51	0.20 U
BENZO[A]PYRENE	0.22 U	0.18 J	0.20 U	0.20 U	0.042 J	1.3	0.43	0.056 J
BENZO[B]FLOURANTHENE	0.057 J	0.36	0.20 U	0.20 U	0.20 U	2.3	0.66	0.20 U
BENZO[G,H,I]PERYLENE	0.22 U	0.055 J	0.20 U	0.20 U	0.20 U	0.63	0.17 J	0.20 U
BENZO[K]FLOURANTHENE	0.22 U	0.12 J	0.20 U	0.20 U	0.20 U	1.1	0.21	0.20 U
BENZYL BUTYL PHTHALATE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.041 J	0.20 U
BIS(2-CHLOROETHOXY)METHANE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
BIS(2-CHLOROETHYL)ETHER	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
BIS(2-CHLOROISOPROPYL)ETHE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
BIS(2-ETHYHEXYL)PHTHALATE	0.061 J	0.11 J	0.075 J	0.068 J	0.077 J	0.071 J	1.8	0.063 JB
DI-N-BUTYL PHTHALATE	0.056 JB	0.20 U	0.20 U	0.042 J	0.045 J	0.22 U	0.096 JB	0.20 U
DI-N-OCTYL PHTHALATE	0.22 U	0.053 J	0.056 J	0.066 J	0.070 J	0.059 J	0.19 U	0.045 J
DIBENZ[A,H]ANTHRACENE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.23	0.046 J	0.20 U
DIETHYL PHTHALATE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
DIMETHYL PHTHALATE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
FLUORANTHENE	0.052 J	0.71	0.20 U	0.20 U	0.20 U	1.7	1.1	0.20 U
FLUORENE	0.22 U	0.43	0.20 U	0.20 U	0.20 U	0.11 J	0.14 J	0.20 U
HEXACHLORO-1,3-BUTADIENE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
HEXACHLOROBENZENE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
HEXACHLOROCYCLOPENTADIEN	0.66 U	0.59 U	0.60 U	0.61 U	0.60 U	0.67 U	0.58 U	0.59 U
HEXACHLOROETHANE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
INDENO[1,2,3-CD]PYRENE	0.22 U	0.049 J	0.20 U	0.20 U	0.20 U	0.56	0.19 J	0.20 U
ISOPHORORNE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
M-DICHLOROBENZENE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
N-NITROSO-DI-N-PROPYLAMINE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
N-NITROSODIMETHYLAMINE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
N-NITROSODIPHENYLAMINE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
NAPHTHALENE	0.12 J	0.32	0.20 U	0.20 U	0.20 U	0.083 J	0.062 J	0.20 U
NITROBENZENE	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
PENTACHLOROPHENOL	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
PHENANTHRENE	0.12 J	1.0	0.20 U	0.20 U	0.20 U	0.52	1.1	0.20 U
PHENOL	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.19 U	0.20 U
PYRENE	0.054 J	0.60	0.20 U	0.20 U	0.20 U	1.8	0.88	0.20 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-17	PG-FILL-17	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20
Sample Date	11/24/2000	11/24/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000
Sample ID	PG-FILL-17	PG-FILL-17	PGFILL20-	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL20
Sample Depth	0-2'	2-4'	0.2-2'	2-4'	4-6'	6-8'	8-10'	10-12'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
1,2-BENZPHENANTHRACENE	0.10 J	0.19 U	0.052 J	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
1,2-DICHLOROBENZENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
1,2-DIPHENYLHYDRAZINE	0.037 U	0.037 U	0.036 U	0.063 U	0.068 U	0.064 U	0.068 U	0.064 U
1,4-DICHLOROBENZENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
2,4,6-TRICHLORORPHENOL	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
2,4-DICHLOROPHENOL	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
2,4-DIMETHYLPHENOL	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
2,4-DINITROPHENOL	0.37 U	0.37 U	0.36 U	0.63 U	0.68 U	0.64 U	0.68 U	0.64 U
2,4-DINITROTOLUENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
2,6-DINITROTOLUENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
2-CHLORORNAPHTHALENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
2-CHLOROPHENOL	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
2-NITROPHENOL	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
3,3'-DICHLOROBENZIDINE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
4,6-DINITRO-O-CRESOL	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
4-BROMOPHENYLPHENYL ETHER	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
4-CHLORO-3-METHYLPHENOL	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
4-CHLOROPHENYLPHENYL ETHE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
4-NITROPHENOL	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
ACENAPHTHENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
ACENAPHTHYLENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
ANTHRACENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
BENZIDINE	0.37 U	0.37 U	0.36 U	0.63 U	0.68 U	0.64 U	0.68 U	0.64 U
BENZO[A]ANTHRACENE	0.11 J	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
BENZO[A]PYRENE	0.11 J	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
BENZO[B]FLOURANTHENE	0.15 J	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
BENZO[G,H,I]PERYLENE	0.081 J	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
BENZO[K]FLOURANTHENE	0.053 J	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
BENZYL BUTYL PHTHALATE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
BIS(2-CHLOROETHOXY)METHANE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
BIS(2-CHLOROETHYL)ETHER	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
BIS(2-CHLOROISOPROPYL)ETHE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
BIS(2-ETHYHEXYL)PHTHALATE	0.098 JB	0.076 JB	0.064 J	0.090 J	0.14 J	0.15 J	0.13 J	0.32 U
DI-N-BUTYL PHTHALATE	0.18 U	0.060 JB	0.068 J	0.075 J	0.11 J	0.32 U	0.34 U	0.32 U
DI-N-OCTYL PHTHALATE	0.053 J	0.061 J	0.079 J	0.067 J	0.097 J	0.10 J	0.19 J	0.32 U
DIBENZ[A,H]ANTHRACENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
DIETHYL PHTHALATE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
DIMETHYL PHTHALATE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
FLUORANTHENE	0.13 J	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
FLUORENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
HEXACHLORO-1,3-BUTADIENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
HEXACHLOROBENZENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
HEXACHLOROCYCLOPENTADIEN	0.55 U	0.56 U	0.54 U	0.94 U	1.0 U	0.96 U	1.0 U	0.96 U
HEXACHLOROETHANE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
INDENO[1,2,3-CD]PYRENE	0.078 J	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
ISOPHORORNE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
M-DICHLOROBENZENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
N-NITROSO-DI-N-PROPYLAMINE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
N-NITROSODIMETHYLAMINE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
N-NITROSODIPHENYLAMINE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
NAPHTHALENE	0.073 J	0.19 U	0.050 J	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
NITROBENZENE	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
PENTACHLOROPHENOL	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
PHENANTHRENE	0.071 J	0.19 U	0.049 J	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
PHENOL	0.18 U	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U
PYRENE	0.15 J	0.19 U	0.18 U	0.31 U	0.34 U	0.32 U	0.34 U	0.32 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-21	PG-FILL-21	PG-FILL-25	PG-FILL-25	PG-FILL-25
Sample Date	11/2/2000	11/2/2000	11/2/2000	11/13/2000	11/13/2000	12/1/2000	12/1/2000	12/1/2000
Sample ID	PGFILL20	PGFILL20	PGFILL20	PGFILL21	PGFILL21	PG-FILL25	PG-FILL25	PG-FILL25
Sample Depth	12-14'	14-15.5'	15.5-16'	2-4'	8-10'	0-2'	4-6'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
1,2-BENZPHENANTHRACENE	0.31 U	0.33 U	0.46 U	14	0.16 J	0.076 J	0.33 U	0.23 U
1,2-DICHLOROBENZENE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
1,2-DIPHENYLHYDRAZINE	0.062 U	0.067 U	0.093 U	0.17 U	0.037 U	0.054 U	0.065 U	0.047 U
1,4-DICHLOROBENZENE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
2,4,6-TRICHLORORPHENOL	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
2,4-DICHLOROPHENOL	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
2,4-DIMETHYLPHENOL	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.11 J	0.23 U
2,4-DINITROPHENOL	0.62 U	0.67 U	0.93 U	1.7 U	0.37 U	0.54 U	0.65 U	0.47 U
2,4-DINITROTOLUENE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
2,6-DINITROTOLUENE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
2-CHLORORNAPHTHALENE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
2-CHLOROPHENOL	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
2-NITROPHENOL	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
3,3'-DICHLOROBENZIDINE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
4,6-DINITRO-O-CRESOL	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
4-BROMOPHENYLPHENYL ETHER	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
4-CHLORO-3-METHYLPHENOL	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
4-CHLOROPHENYLPHENYL ETHE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
4-NITROPHENOL	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
ACENAPHTHENE	0.31 U	0.33 U	0.46 U	0.80 J	0.19 U	0.27 U	0.33 U	0.23 U
ACENAPHTHYLENE	0.31 U	0.33 U	0.46 U	3.6	0.19 U	0.27 U	0.33 U	0.23 U
ANTHRACENE	0.31 U	0.33 U	0.46 U	4.5	0.19 U	0.27 U	0.33 U	0.23 U
BENZIDINE	0.62 U	0.67 U	0.93 U	1.7 U	0.37 U	0.54 U	0.65 U	0.47 U
BENZO[A]ANTHRACENE	0.31 U	0.33 U	0.46 U	15	0.14 J	0.070 J	0.33 U	0.23 U
BENZO[A]PYRENE	0.31 U	0.33 U	0.46 U	11	0.14 J	0.27 U	0.33 U	0.23 U
BENZO[B]FLOURANTHENE	0.31 U	0.33 U	0.46 U	15	0.20	0.11 J	0.068 J	0.23 U
BENZO[G,H,I]PERYLENE	0.31 U	0.33 U	0.46 U	6.8	0.10 J	0.27 U	0.33 U	0.23 U
BENZO[K]FLOURANTHENE	0.31 U	0.33 U	0.46 U	5.6	0.064 J	0.055 J	0.33 U	0.23 U
BENZYL BUTYL PHTHALATE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
BIS(2-CHLOROETHOXY)METHANE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
BIS(2-CHLOROETHYL)ETHER	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
BIS(2-CHLOROISOPROPYL)ETHE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
BIS(2-ETHYHEXYL)PHTHALATE	0.093 J	0.15 J	0.10 J	0.87 U	0.086 J	0.22 JB	0.23 JB	0.19 JB
DI-N-BUTYL PHTHALATE	0.31 U	0.33 U	0.18 J	0.87 U	0.19 U	0.073 J	0.10 J	0.16 J
DI-N-OCTYL PHTHALATE	0.074 J	0.11 J	0.26 J	0.87 U	0.044 J	0.19 J	0.20 J	0.20 J
DIBENZ[A,H]ANTHRACENE	0.31 U	0.33 U	0.46 U	2.1	0.19 U	0.27 U	0.33 U	0.23 U
DIETHYL PHTHALATE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
DIMETHYL PHTHALATE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
FLUORANTHENE	0.31 U	0.33 U	0.46 U	30	0.26	0.11 J	0.15 J	0.23 U
FLUORENE	0.31 U	0.33 U	0.46 U	3.0	0.19 U	0.27 U	0.33 U	0.23 U
HEXACHLORO-1,3-BUTADIENE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
HEXACHLOROBENZENE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
HEXACHLOROCYCLOPENTADIEN	0.93 U	1.0 U	1.4 U	2.6 U	0.56 U	0.81 U	0.98 U	0.70 U
HEXACHLOROETHANE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
INDENO[1,2,3-CD]PYRENE	0.31 U	0.33 U	0.46 U	6.7	0.10 J	0.27 U	0.33 U	0.23 U
ISOPHORORNE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
M-DICHLOROBENZENE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
N-NITROSO-DI-N-PROPYLAMINE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
N-NITROSODIMETHYLAMINE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
N-NITROSODIPHENYLAMINE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
NAPHTHALENE	0.31 U	0.33 U	0.46 U	0.38 J	0.19 U	0.27 U	0.33 U	0.23 U
NITROBENZENE	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
PENTACHLOROPHENOL	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.33 U	0.23 U
PHENANTHRENE	0.31 U	0.33 U	0.46 U	25	0.16 J	0.27 U	0.15 J	0.23 U
PHENOL	0.31 U	0.33 U	0.46 U	0.87 U	0.19 U	0.27 U	0.30 J	0.12 J
PYRENE	0.31 U	0.33 U	0.46 U	26	0.27	0.10 J	0.13 J	0.23 U

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST1-2	PG-UST1-2	PG-UST2-1	PG-UST2-1	PG-UST2-1A	PG-UST2-1B	PG-UST2-1B	PG-UST2-2
Sample Date	11/20/2000	11/20/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000
Sample ID	PG-UST1-2	PG-UST1-2	PG-UST2-1	PG-UST2-1	PG-UST2-1A	PG-UST2-1B	PG-UST2-1B	PG-UST2-2
Sample Depth	2-4'	12-14'	6-7'	8-10'	0-2'	2-4'	4-5.5'	4-5.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
1,2-BENZPHENANTHRACENE	0.74	0.16 J	0.59	12	1.3	0.28	2.5 J	0.11 J
1,2-DICHLOROBENZENE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
1,2-DIPHENYLHYDRAZINE	0.036 U	0.040 U	0.040 U	1.2 U	0.15 U	0.048 U	0.74 U	0.038 U
1,4-DICHLOROBENZENE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
2,4,6-TRICHLORORPHENOL	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
2,4-DICHLOROPHENOL	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
2,4-DIMETHYLPHENOL	0.18 U	0.059 J	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
2,4-DINITROPHENOL	0.36 U	0.40 U	0.40 U	12 U	1.5 U	0.48 U	7.4 U	0.38 U
2,4-DINITROTOLUENE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
2,6-DINITROTOLUENE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
2-CHLORORNAPHTHALENE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
2-CHLOROPHENOL	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
2-NITROPHENOL	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
3,3'-DICHLOROBENZIDINE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
4,6-DINITRO-O-CRESOL	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
4-BROMOPHENYLPHENYL ETHER	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
4-CHLORO-3-METHYLPHENOL	0.18 U	0.20 U	0.20 U	6.0 U	0.27 J	0.059 J	3.7 U	0.19 U
4-CHLOROPHENYLPHENYL ETHE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
4-NITROPHENOL	0.18 U	0.20 U	0.20 U	6.0 U	1.5	0.24 U	3.7 U	0.19 U
ACENAPHTHENE	0.19	0.098 J	0.18 J	9.2	0.76 U	0.12 J	3.7 U	0.19 U
ACENAPHTHYLENE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
ANTHRACENE	0.56	0.048 J	0.32	11	0.34 J	0.16 J	3.7 U	0.19 U
BENZIDINE	0.36 U	0.40 U	0.40 U	12 U	1.5 U	0.48 U	7.4 U	0.38 U
BENZO[A]ANTHRACENE	0.87	0.077 J	0.47	8.8	1.1	0.23 J	1.7 J	0.066 J
BENZO[A]PYRENE	0.58	0.056 J	0.28	5.9 J	0.95	0.19 J	1.5 J	0.057 J
BENZO[B]FLOURANTHENE	0.80	0.11 J	0.25	4.1 J	1.4	0.33	1.4 J	0.10 J
BENZO[G,H,I]PERYLENE	0.33	0.043 J	0.043 J	4.9 J	0.44 J	0.059 J	1.4 J	0.19 U
BENZO[K]FLOURANTHENE	0.33	0.20 U	0.13 J	2.3 J	0.58 J	0.12 J	3.7 U	0.19 U
BENZYL BUTYL PHTHALATE	0.18 U	0.20 U	0.20 U	6.0 U	1.6	0.090 J	3.7 U	0.36
BIS(2-CHLOROETHOXY)METHANE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
BIS(2-CHLOROETHYL)ETHER	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
BIS(2-CHLOROISOPROPYL)ETHE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
BIS(2-ETHYHEXYL)PHTHALATE	0.067 JB	0.24 B	0.088 J	6.0 U	24	0.44	3.7 U	0.13 J
DI-N-BUTYL PHTHALATE	0.18 U	0.20 U	0.083 J	6.0 U	0.23 J	0.24 U	3.7 U	0.084 J
DI-N-OCTYL PHTHALATE	0.18 U	0.045 J	0.10 J	6.0 U	0.20 J	0.11 J	3.7 U	0.067 J
DIBENZ[A,H]ANTHRACENE	0.041 J	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
DIETHYL PHTHALATE	0.18 U	0.041 J	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
DIMETHYL PHTHALATE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
FLUORANTHENE	2.2	0.21	0.28	7.7	1.7	0.63	3.7 U	0.066 J
FLUORENE	0.26	0.083 J	0.11 J	10	0.76 U	0.19 J	3.7 U	0.19 U
HEXACHLORO-1,3-BUTADIENE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
HEXACHLOROBENZENE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
HEXACHLOROCYCLOPENTADIEN	0.54 U	0.60 U	0.60 U	18 U	2.3 U	0.71 U	11 U	0.57 U
HEXACHLOROETHANE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
INDENO[1,2,3-CD]PYRENE	0.33	0.041 J	0.20 U	6.0 U	0.44 J	0.058 J	3.7 U	0.19 U
ISOPHORORNE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
M-DICHLOROBENZENE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
N-NITROSO-DI-N-PROPYLAMINE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
N-NITROSODIMETHYLAMINE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
N-NITROSODIPHENYLAMINE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
NAPHTHALENE	0.11 J	0.51	0.088 J	6.0 U	0.76 U	0.15 J	0.85 J	0.12 J
NITROBENZENE	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
PENTACHLOROPHENOL	0.18 U	0.20 U	0.20 U	6.0 U	0.48 J	0.24 U	3.7 U	0.19 U
PHENANTHRENE	2.4	0.24	0.14 J	31	1.0	0.55	2.2 J	0.15 J
PHENOL	0.18 U	0.20 U	0.20 U	6.0 U	0.76 U	0.24 U	3.7 U	0.19 U
PYRENE	1.6	0.15 J	0.84	45	1.4	0.53	3.2 J	0.084 J

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST2-2	PG-UST2-3	PG-UST2-3	PG-UST2-3	PG-UST4-1	PG-UST4-1	PG-UST4-1	PG-UST4-2
Sample Date	11/30/2000	12/1/2000	12/1/2000	12/1/2000	11/20/2000	11/20/2000	11/20/2000	11/20/2000
Sample ID	PG-UST2-2	PG-UST2-3	PG-UST2-3	PG-UST2-3	PG-UST4-1	PG-UST4-1	PG-UST4-1	PG-UST4-2
Sample Depth	10-12'	2-4'	7.5-9	12-14'	2-4'	10-11.5'	14-15.5'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
1,2-BENZPHENANTHRACENE	2.6	0.068 J	15	0.24 J	0.29	0.23 U	0.22 U	0.18 J
1,2-DICHLOROBENZENE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
1,2-DIPHENYLHYDRAZINE	0.21 U	0.041 U	0.83 U	0.064 U	0.042 U	0.046 U	0.043 U	0.044 U
1,4-DICHLOROBENZENE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
2,4,6-TRICHLORORPHENOL	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
2,4-DICHLOROPHENOL	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.097 J
2,4-DIMETHYLPHENOL	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.19 J
2,4-DINITROPHENOL	2.1 U	0.41 U	8.3 U	0.64 U	0.42 U	0.46 U	0.43 U	0.44 U
2,4-DINITROTOLUENE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
2,6-DINITROTOLUENE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
2-CHLORORNAPHTHALENE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
2-CHLOROPHENOL	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.062 J
2-NITROPHENOL	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
3,3'-DICHLOROBENZIDINE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
4,6-DINITRO-O-CRESOL	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
4-BROMOPHENYLPHENYL ETHER	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
4-CHLORO-3-METHYLPHENOL	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
4-CHLOROPHENYLPHENYL ETHE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
4-NITROPHENOL	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
ACENAPHTHENE	1.4	0.21 U	5.1	0.083 J	0.44	0.16 J	0.22 U	0.15 J
ACENAPHTHYLENE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.050 J
ANTHRACENE	2.9	0.21 U	4.2 U	0.13 J	0.42	0.23 U	0.22 U	0.066 J
BENZIDINE	2.1 U	0.41 U	8.3 U	0.64 U	0.42 U	0.46 U	0.43 U	0.44 U
BENZO[A]ANTHRACENE	2.5	0.21 U	11	0.20 J	0.25	0.063 J	0.22 U	0.099 J
BENZO[A]PYRENE	1.4	0.21 U	5.8	0.099 J	0.18 J	0.23 U	0.22 U	0.063 J
BENZO[B]FLOURANTHENE	0.97 J	0.21 U	6.8	0.084 J	0.28	0.054 J	0.22 U	0.12 J
BENZO[G,H,I]PERYLENE	0.39 J	0.21 U	1.1 J	0.32 U	0.11 J	0.23 U	0.22 U	0.070 J
BENZO[K]FLOURANTHENE	0.53 J	0.21 U	2.3 J	0.32 U	0.084 J	0.23 U	0.22 U	0.22 U
BENZYL BUTYL PHTHALATE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
BIS(2-CHLOROETHOXY)METHANE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
BIS(2-CHLOROETHYL)ETHER	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
BIS(2-CHLOROISOPROPYL)ETHE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
BIS(2-ETHYHEXYL)PHTHALATE	1.1 U	0.086 JB	4.2 U	0.36 B	0.073 JB	0.17 JB	0.15 JB	0.28 B
DI-N-BUTYL PHTHALATE	1.1 U	0.042 J	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
DI-N-OCTYL PHTHALATE	1.1 U	0.051 J	4.2 U	0.42	0.21 U	0.073 J	0.054 J	0.055 J
DIBENZ[A,H]ANTHRACENE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
DIETHYL PHTHALATE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.064 J
DIMETHYL PHTHALATE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
FLUORANTHENE	1.6	0.21 U	6.1	0.13 J	1.0	0.32	0.22 U	0.23
FLUORENE	2.3	0.21 U	4.2 U	0.32 U	0.32	0.087 J	0.22 U	0.12 J
HEXACHLORO-1,3-BUTADIENE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
HEXACHLOROBENZENE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
HEXACHLOROCYCLOPENTADIEN	3.2 U	0.62 U	13 U	0.96 U	0.63 U	0.68 U	0.65 U	0.67 U
HEXACHLOROETHANE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
INDENO[1,2,3-CD]PYRENE	1.1 U	0.21 U	4.2 U	0.32 U	0.097 J	0.23 U	0.22 U	0.061 J
ISOPHORORNE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.052 J
M-DICHLOROBENZENE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
N-NITROSO-DI-N-PROPYLAMINE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
N-NITROSODIMETHYLAMINE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
N-NITROSODIPHENYLAMINE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
NAPHTHALENE	0.73 J	0.042 J	4.2 U	0.27 J	0.28	0.21 J	0.22 U	0.61
NITROBENZENE	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.22 U	0.22 U
PENTACHLOROPHENOL	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.081 J	0.22 U
PHENANTHRENE	10	0.099 J	9.2	0.14 J	0.96	0.22 J	0.22 U	0.28
PHENOL	1.1 U	0.21 U	4.2 U	0.32 U	0.21 U	0.23 U	0.047 J	0.14 J
PYRENE	9.8	0.21 U	31	0.51	0.72	0.22 J	0.22 U	0.20 J

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST4-2	PG-UST5-2	PG-UST6-2	PG-UST6-2	PG-UST6-2	PG-UST6-3	PG-UST6-3	PG-UST7-1
Sample Date	11/20/2000	11/27/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000
Sample ID	PG-UST4-2	PG-UST5-2	PG-UST6-2	PG-UST6-2	PG-UST6-2	PG-UST6-3	PG-UST6-3	PG-UST7-1
Sample Depth	12-14'	4-6'	4-6'	8-10'	16-18'	1.5-2'	14-16'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
1,2-BENZPHENANTHRACENE	0.34	0.31 U	0.33 U	0.39 U	0.41 U	1	0.12 J	0.10 J
1,2-DICHLOROBENZENE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
1,2-DIPHENYLHYDRAZINE	0.050 U	0.062 U	0.067 U	0.078 U	0.081 U	0.039 U	0.10 U	0.039 U
1,4-DICHLOROBENZENE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
2,4,6-TRICHLORORPHENOL	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
2,4-DICHLOROPHENOL	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
2,4-DIMETHYLPHENOL	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
2,4-DINITROPHENOL	0.50 U	0.62 U	0.67 U	0.78 U	0.81 U	0.39 U	1.0 U	0.39 U
2,4-DINITROTOLUENE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
2,6-DINITROTOLUENE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
2-CHLORORNAPHTHALENE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
2-CHLOROPHENOL	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
2-NITROPHENOL	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
3,3'-DICHLOROBENZIDINE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
4,6-DINITRO-O-CRESOL	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
4-BROMOPHENYLPHENYL ETHER	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
4-CHLORO-3-METHYLPHENOL	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
4-CHLOROPHENYLPHENYL ETHE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
4-NITROPHENOL	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
ACENAPHTHENE	0.15 J	0.31 U	0.33 U	0.39 U	0.41 U	0.14 J	0.52 U	0.063 J
ACENAPHTHYLENE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.042 J	0.52 U	0.20 U
ANTHRACENE	0.14 J	0.31 U	0.33 U	0.39 U	0.41 U	0.30	0.52 U	0.20 U
BENZIDINE	0.50 U	0.62 U	0.67 U	0.78 U	0.81 U	0.39 U	1.0 U	0.39 U
BENZO[A]ANTHRACENE	0.39	0.073 J	0.33 U	0.39 U	0.41 U	0.99	0.12 J	0.065 J
BENZO[A]PYRENE	0.29	0.31 U	0.33 U	0.39 U	0.41 U	0.92	0.52 U	0.20 U
BENZO[B]FLOURANTHENE	0.40	0.063 J	0.33 U	0.39 U	0.41 U	1.5	0.52 U	0.20 U
BENZO[G,H,I]PERYLENE	0.10 J	0.24 J	0.33 U	0.39 U	0.41 U	0.28	0.52 U	0.20 U
BENZO[K]FLOURANTHENE	0.16 J	0.31 U	0.33 U	0.39 U	0.41 U	0.59	0.52 U	0.20 U
BENZYL BUTYL PHTHALATE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
BIS(2-CHLOROETHOXY)METHANE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
BIS(2-CHLOROETHYL)ETHER	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
BIS(2-CHLOROISOPROPYL)ETHE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
BIS(2-ETHYHEXYL)PHTHALATE	0.23 JB	0.24 JB	0.16 J	0.28 J	0.34 J	0.20 U	0.24 J	0.11 J
DI-N-BUTYL PHTHALATE	0.065 JB	0.16 JB	0.14 JB	0.17 JB	0.16 JB	0.093 JB	0.52 U	0.20 U
DI-N-OCTYL PHTHALATE	0.14 J	0.079 J	0.33 U	0.24 J	0.17 J	0.20 U	0.14 J	0.047 J
DIBENZ[A,H]ANTHRACENE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.14 J	0.52 U	0.20 U
DIETHYL PHTHALATE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
DIMETHYL PHTHALATE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
FLUORANTHENE	0.71	0.088 J	0.33 U	0.39 U	0.17 J	2.1	0.19 J	0.064 J
FLUORENE	0.13 J	0.31 U	0.33 U	0.39 U	0.41 U	0.18 J	0.52 U	0.20 U
HEXACHLORO-1,3-BUTADIENE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
HEXACHLOROBENZENE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
HEXACHLOROCYCLOPENTADIEN	0.75 U	0.93 U	1.0 U	1.2 U	1.2 U	0.59 U	1.6 U	0.59 U
HEXACHLOROETHANE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
INDENO[1,2,3-CD]PYRENE	0.086 J	0.31 U	0.33 U	0.39 U	0.41 U	0.28	0.52 U	0.20 U
ISOPHORORNE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
M-DICHLOROBENZENE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
N-NITROSO-DI-N-PROPYLAMINE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
N-NITROSODIMETHYLAMINE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
N-NITROSODIPHENYLAMINE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
NAPHTHALENE	0.29	0.31 U	0.33 U	0.39 U	0.087 J	0.22	0.52 U	0.20 U
NITROBENZENE	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.20 U
PENTACHLOROPHENOL	0.25 U	0.31 U	0.33 U	0.39 U	0.41 U	0.20 U	0.52 U	0.040 J
PHENANTHRENE	0.60	0.11 J	0.33 U	0.39 U	0.16 J	0.92	0.17 J	0.16 J
PHENOL	0.25 U	0.21 J	0.33 U	0.086 J	0.51	0.20 U	0.52 U	0.20 U
PYRENE	0.63	0.12 J	0.33 U	0.39 U	0.12 J	1.8	0.18 J	0.28

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST7-1A	PG-UST7-1B	PG-UST7-2	PG-UST7-2	PG-UST9-1	PG-UST9-1	PG-WOOD-1C	PG-WOOD-3
Sample Date	11/28/2000	11/28/2000	11/21/2000	11/21/2000	11/25/2000	11/25/2000	11/9/2000	11/10/2000
Sample ID	PG-UST7-1A	PG-UST7-1B	PG-UST7-2	PG-UST7-2	PG-UST9-1	PG-UST9-1	PG-WD-01C	PG-WD-03
Sample Depth	0-2'	2-3.5'	8-10'	10-12'	2-4'	8-10'	10-12'	0.5-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
1,2-BENZPHENANTHRACENE	0.82 J	2.7	0.31	0.61	0.20 U	0.20 U	0.31 U	0.060 J
1,2-DICHLOROBENZENE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
1,2-DIPHENYLHYDRAZINE	0.36 U	0.38 U	0.038 U	0.040 U	0.040 U	0.039 U	0.062 U	0.037 U
1,4-DICHLOROBENZENE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
2,4,6-TRICHLORORPHENOL	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
2,4-DICHLOROPHENOL	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
2,4-DIMETHYLPHENOL	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
2,4-DINITROPHENOL	3.6 U	3.8 U	0.38 U	0.40 U	0.40 U	0.39 U	0.62 U	0.37 U
2,4-DINITROTOLUENE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
2,6-DINITROTOLUENE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
2-CHLORORNAPHTHALENE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
2-CHLOROPHENOL	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
2-NITROPHENOL	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
3,3'-DICHLOROBENZIDINE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
4,6-DINITRO-O-CRESOL	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
4-BROMOPHENYLPHENYL ETHER	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
4-CHLORO-3-METHYLPHENOL	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
4-CHLOROPHENYLPHENYL ETHE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
4-NITROPHENOL	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
ACENAPHTHENE	1.8 U	0.45 J	0.26	0.27	0.20 U	0.20 U	0.31 U	0.19 U
ACENAPHTHYLENE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
ANTHRACENE	1.8 U	1.0 J	0.60	0.49	0.20 U	0.20 U	0.31 U	0.19 U
BENZIDINE	3.6 U	3.8 U	0.38 U	0.40 U	0.40 U	0.39 U	0.62 U	0.37 U
BENZO[A]ANTHRACENE	0.43 J	2.3	0.32	0.4	0.20 U	0.20 U	0.31 U	0.047 J
BENZO[A]PYRENE	1.8 U	1.1 J	0.19	0.28	0.20 U	0.20 U	0.31 U	0.039 J
BENZO[B]FLOURANTHENE	0.65 J	1.2 J	0.12 J	0.10 J	0.20 U	0.20 U	0.31 U	0.086 J
BENZO[G,H,I]PERYLENE	0.70 J	1.9 U	0.12 J	0.18 J	0.20 U	0.20 U	0.20 J	0.19 U
BENZO[K]FLOURANTHENE	0.59 J	0.89 J	0.066 J	0.075 J	0.20 U	0.20 U	0.31 U	0.19 U
BENZYL BUTYL PHTHALATE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
BIS(2-CHLOROETHOXY)METHANE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
BIS(2-CHLOROETHYL)ETHER	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
BIS(2-CHLOROISOPROPYL)ETHE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
BIS(2-ETHYHEXYL)PHTHALATE	1.8 U	1.9 U	0.19 U	0.42 B	0.041 J	0.044 J	0.28 JB	0.40 B
DI-N-BUTYL PHTHALATE	1.8 U	1.9 U	0.19 U	0.11 JB	0.20 U	0.20 U	0.13 JB	0.19 U
DI-N-OCTYL PHTHALATE	1.8 U	1.9 U	0.19 U	0.057 J	0.20 U	0.20 U	0.13 J	0.052 J
DIBENZ[A,H]ANTHRACENE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
DIETHYL PHTHALATE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
DIMETHYL PHTHALATE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
FLUORANTHENE	1.8 U	0.69 J	0.25	0.27	0.20 U	0.20 U	0.31 U	0.090 J
FLUORENE	1.8 U	0.86 J	0.38	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
HEXACHLORO-1,3-BUTADIENE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
HEXACHLOROBENZENE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
HEXACHLOROCYCLOPENTADIEN	5.4 U	5.7 U	0.57 U	0.60 U	0.60 U	0.59 U	0.93 U	0.56 U
HEXACHLOROETHANE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
INDENO[1,2,3-CD]PYRENE	1.8 U	1.9 U	0.044 J	0.050 J	0.20 U	0.20 U	0.31 U	0.19 U
ISOPHORORNE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
M-DICHLOROBENZENE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
N-NITROSO-DI-N-PROPYLAMINE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
N-NITROSODIMETHYLAMINE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
N-NITROSODIPHENYLAMINE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
NAPHTHALENE	1.8 U	1.9 U	0.19 U	0.056 J	0.20 U	0.20 U	0.31	0.19 U
NITROBENZENE	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
PENTACHLOROPHENOL	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
PHENANTHRENE	1.8 U	1.4 J	1.4	0.20 U	0.20 U	0.20 U	0.31 U	0.070 J
PHENOL	1.8 U	1.9 U	0.19 U	0.20 U	0.20 U	0.20 U	0.31 U	0.19 U
PYRENE	0.59 J	6.1	1.8	2.9	0.20 U	0.20 U	0.31 U	0.10 J

Table 5B
Soil Analytical Results
Semivolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-WOOD-3	PG-WOOD-3	PG-WOOD-3	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05
Sample Date	11/10/2000	11/29/2000	11/29/2000	11/7/2000	11/7/2000	11/7/2000	11/7/00	11/7/00
Sample ID	PG-WD-03	PG-WOOD-3	PG-WOOD-3	PG-WD-05	PG-WD-05	PG-WD-05	PG-WD-05	PG-WD-05
Sample Depth	2-4'	2-4'	6-8'	0-2'	2-4'	4-6'	6-8'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
1,2-BENZPHENANTHRACENE	1.1	0.15 J	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
1,2-DICHLOROBENZENE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
1,2-DIPHENYLHYDRAZINE	0.039 U	0.039 U	0.065 U	0.040 U	0.20 U	0.040 U	0.046 U	0.056 U
1,4-DICHLOROBENZENE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
2,4,6-TRICHLORORPHENOL	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
2,4-DICHLOROPHENOL	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
2,4-DIMETHYLPHENOL	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
2,4-DINITROPHENOL	0.39 U	0.39 U	0.65 U	0.40 U	2.0 U	0.40 U	0.46 U	0.56 U
2,4-DINITROTOLUENE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
2,6-DINITROTOLUENE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
2-CHLORORNAPHTHALENE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
2-CHLOROPHENOL	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
2-NITROPHENOL	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
3,3'-DICHLOROBENZIDINE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
4,6-DINITRO-O-CRESOL	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
4-BROMOPHENYLPHENYL ETHER	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
4-CHLORO-3-METHYLPHENOL	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
4-CHLOROPHENYLPHENYL ETHE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
4-NITROPHENOL	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
ACENAPHTHENE	0.088 J	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
ACENAPHTHYLENE	0.14 J	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
ANTHRACENE	0.32	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
BENZIDINE	0.39 U	0.39 U	0.65 U	0.40 U	2.0 U	0.40 U	0.46 U	0.56 U
BENZO[A]ANTHRACENE	0.95	0.10 J	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
BENZO[A]PYRENE	0.97	0.11 J	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
BENZO[B]FLOURANTHENE	2.5	0.18 J	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
BENZO[G,H,I]PERYLENE	0.31	0.11 J	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
BENZO[K]FLOURANTHENE	0.20 U	0.073 J	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
BENZYL BUTYL PHTHALATE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
BIS(2-CHLOROETHOXY)METHANE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
BIS(2-CHLOROETHYL)ETHER	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
BIS(2-CHLOROISOPROPYL)ETHE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
BIS(2-ETHYHEXYL)PHTHALATE	0.23 B	0.17 JB	0.34 B	0.21	1.0 U	0.20 U	0.23 U	0.28 U
DI-N-BUTYL PHTHALATE	0.20 U	0.20 U	0.33 U	0.20	1.0 U	0.20 U	0.23 U	0.16 J
DI-N-OCTYL PHTHALATE	0.089 J	0.20 U	0.067 J	0.097 JB	1.0 U	0.050 JB	0.23 U	0.28 U
DIBENZ[A,H]ANTHRACENE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
DIETHYL PHTHALATE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
DIMETHYL PHTHALATE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
FLUORANTHENE	1.6	0.14 J	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
FLUORENE	0.11 J	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
HEXACHLORO-1,3-BUTADIENE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
HEXACHLOROBENZENE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
HEXACHLOROCYCLOPENTADIEN	0.59 U	0.59 U	0.98 U	0.60 U	3.0 U	0.60 U	0.68 U	0.85 U
HEXACHLOROETHANE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
INDENO[1,2,3-CD]PYRENE	0.33	0.096 J	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
ISOPHORORNE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
M-DICHLOROBENZENE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
N-NITROSO-DI-N-PROPYLAMINE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
N-NITROSODIMETHYLAMINE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
N-NITROSODIPHENYLAMINE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
NAPHTHALENE	0.20	0.070 J	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.13 J
NITROBENZENE	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
PENTACHLOROPHENOL	0.20 U	0.20 U	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
PHENANTHRENE	1.1	0.12 J	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U
PHENOL	0.20 U	0.20 U	0.33 U	0.20 U	1.2	0.20 U	0.23 U	0.28 U
PYRENE	1.5	0.15 J	0.33 U	0.20 U	1.0 U	0.20 U	0.23 U	0.28 U

Table 5B
Soil Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-WOOD-05	PG-PA-MW-1	PG-PA-MW-1	PG-PA-MW-1	PG-PA-MW-4	PG-PA-MW-4	PG-PA-MW-5	PG-PA-MW-6
Sample Date	11/7/00	11/22/2000	11/22/2000	11/22/2000	11/24/2000	11/24/2000	11/9/2000	11/7/2000
Sample ID	PG-WD-05	PG-PAMW1	PG-PAMW1	PG-PAMW1	PG-PAMW-04	PG-PAMW-04	PG-PAMW-05	PG-MWPA-06
Sample Depth	14-16'	3-4.5'	4.5-6'	10-12'	2-4'	6-8'	0-2'	1.5-3'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
1,2-BENZPHENANTHRACENE	0.57 U	0.27 U	0.35 U	0.31 U	0.12 J	0.21 U	0.53	1.3
1,2-DICHLOROBENZENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
1,2-DIPHENYLHYDRAZINE	0.11 U	0.055 U	0.069 U	0.062 U	0.038 U	0.042 U	0.039 U	0.036 U
1,4-DICHLOROBENZENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
2,4,6-TRICHLORORPHENOL	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
2,4-DICHLOROPHENOL	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
2,4-DIMETHYLPHENOL	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
2,4-DINITROPHENOL	1.1 U	0.55 U	0.69 U	0.62 U	0.38 U	0.42 U	0.39 U	0.36 U
2,4-DINITROTOLUENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
2,6-DINITROTOLUENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
2-CHLORORNAPHTHALENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
2-CHLOROPHENOL	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
2-NITROPHENOL	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
3,3'-DICHLOROBENZIDINE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
4,6-DINITRO-O-CRESOL	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
4-BROMOPHENYLPHENYL ETHER	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
4-CHLORO-3-METHYLPHENOL	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
4-CHLOROPHENYLPHENYL ETHE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
4-NITROPHENOL	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
ACENAPHTHENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.38
ACENAPHTHYLENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.076 J	0.16 J
ANTHRACENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.068 J	2.7
BENZIDINE	1.1 U	0.55 U	0.69 U	0.62 U	0.38 U	0.42 U	0.39 U	0.36 U
BENZO[A]ANTHRACENE	0.57 U	0.27 U	0.35 U	0.31 U	0.14 J	0.21 U	0.33	1.1
BENZO[A]PYRENE	0.57 U	0.27 U	0.35 U	0.31 U	0.11 J	0.21 U	0.31	1.2
BENZO[B]FLOURANTHENE	0.57 U	0.27 U	0.35 U	0.31 U	0.18 J	0.21 U	0.48	2.2
BENZO[G,H,I]PERYLENE	0.57 U	0.27 U	0.35 U	0.31 U	0.096 J	0.21 U	0.18 J	0.43
BENZO[K]FLOURANTHENE	0.57 U	0.27 U	0.35 U	0.31 U	0.061 J	0.21 U	0.34	0.18 U
BENZYL BUTYL PHTHALATE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
BIS(2-CHLOROETHOXY)METHANE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
BIS(2-CHLOROETHYL)ETHER	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
BIS(2-CHLOROISOPROPYL)ETHE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
BIS(2-ETHYHEXYL)PHTHALATE	0.57 U	0.42 B	0.55 B	0.19 JB	0.10 JB	0.057 JB	0.17 JB	0.18 U
DI-N-BUTYL PHTHALATE	0.29 J	0.067 JB	0.10 JB	0.096 JB	0.075 JB	0.21 U	0.19 U	0.18 U
DI-N-OCTYL PHTHALATE	0.16 JB	0.068 J	0.10 J	0.083 J	0.055 J	0.055 J	0.064 J	0.038 J
DIBENZ[A,H]ANTHRACENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.12 J	0.28
DIETHYL PHTHALATE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
DIMETHYL PHTHALATE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
FLUORANTHENE	0.57 U	0.27 U	0.35 U	0.072 J	0.22	0.21 U	0.36	2.2
FLUORENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.26
HEXACHLORO-1,3-BUTADIENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
HEXACHLOROBENZENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
HEXACHLOROCYCLOPENTADIEN	1.7 U	0.82 U	1.0 U	0.93 U	0.57 U	0.62 U	0.58 U	0.54 U
HEXACHLOROETHANE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
INDENO[1,2,3-CD]PYRENE	0.57 U	0.27 U	0.35 U	0.31 U	0.097 J	0.21 U	0.22	0.47
ISOPHORORNE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
M-DICHLOROBENZENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
N-NITROSO-DI-N-PROPYLAMINE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
N-NITROSODIMETHYLAMINE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
N-NITROSODIPHENYLAMINE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
NAPHTHALENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.79	0.33
NITROBENZENE	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
PENTACHLOROPHENOL	0.57 U	0.27 U	0.35 U	0.31 U	0.19 U	0.21 U	0.19 U	0.18 U
PHENANTHRENE	0.57 U	0.27 U	0.35 U	0.11 J	0.14 J	0.21 U	0.67	1.6
PHENOL	0.57 U	0.27 U	0.35 U	0.084 J	0.19 U	0.21 U	0.19 U	0.18 U
PYRENE	0.57 U	0.27 U	0.35 U	0.31 U	0.23	0.21 U	0.40	2.0

Table 5B
Soil Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-MW-6	PG-MW-6	PG-MW-6	PG-MW-6	PG-PA-MW-7	PG-PA-MW-7	PG-PA-MW-7	PG-PA-MW-7
Sample Date	11/7/2000	11/7/2000	11/7/2000	11/7/2000	11/13/2000	11/13/2000	11/13/2000	11/13/2000
Sample ID	PG-MWPA-06	PG-MWPA-06	PG-MWPA-06	PG-MWPA-06	PG-PAMW-07	PG-PAMW-07	PG-PAMW-07	PG-PAMW-07
Sample Depth	3-4.5'	4.5-6'	6-8'	8.5-10'	2.5-4'	4-6'	6-8'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
1,2-BENZPHENANTHRACENE	0.22	0.12 J	0.080 J	0.12 J	0.19 U	0.19 U	0.20 U	0.19 U
1,2-DICHLOROBENZENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
1,2-DIPHENYLHYDRAZINE	0.039 U	0.038 U	0.042 U	0.056 U	0.037 U	0.038 U	0.040 U	0.038 U
1,4-DICHLOROBENZENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
2,4,6-TRICHLORORPHENOL	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
2,4-DICHLOROPHENOL	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
2,4-DIMETHYLPHENOL	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
2,4-DINITROPHENOL	0.39 U	0.38 U	0.42 U	0.56 U	0.37 U	0.38 U	0.40 U	0.38 U
2,4-DINITROTOLUENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
2,6-DINITROTOLUENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
2-CHLORORNAPHTHALENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
2-CHLOROPHENOL	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
2-NITROPHENOL	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
3,3'-DICHLOROBENZIDINE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
4,6-DINITRO-O-CRESOL	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
4-BROMOPHENYLPHENYL ETHER	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
4-CHLORO-3-METHYLPHENOL	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
4-CHLOROPHENYLPHENYL ETHE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
4-NITROPHENOL	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
ACENAPHTHENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
ACENAPHTHYLENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
ANTHRACENE	0.052 J	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
BENZIDINE	0.39 U	0.38 U	0.42 U	0.56 U	0.37 U	0.38 U	0.40 U	0.38 U
BENZO[A]ANTHRACENE	0.14 J	0.072 J	0.21 U	0.061 J	0.19 U	0.19 U	0.20 U	0.19 U
BENZO[A]PYRENE	0.12 J	0.049 J	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
BENZO[B]FLOURANTHENE	0.20	0.059 J	0.21 U	0.063 J	0.19 U	0.19 U	0.20 U	0.19 U
BENZO[G,H,I]PERYLENE	0.065 J	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
BENZO[K]FLOURANTHENE	0.19 U	0.049 J	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
BENZYL BUTYL PHTHALATE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
BIS(2-CHLOROETHOXY)METHANE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
BIS(2-CHLOROETHYL)ETHER	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
BIS(2-CHLOROISOPROPYL)ETHE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
BIS(2-ETHYHEXYL)PHTHALATE	0.055 J	0.19 U	0.21 U	0.076 J	0.045 J	0.063 J	0.082 J	0.11 J
DI-N-BUTYL PHTHALATE	0.060 J	0.072 J	0.063 J	0.068 J	0.090 J	0.19 U	0.068 J	0.19 U
DI-N-OCTYL PHTHALATE	0.060 J	0.079 J	0.21 U	0.28 U	0.039 J	0.046 J	0.057 J	0.091 J
DIBENZ[A,H]ANTHRACENE	0.040 J	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
DIETHYL PHTHALATE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
DIMETHYL PHTHALATE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
FLUORANTHENE	0.18 J	0.094 J	0.21 U	0.085 J	0.19 U	0.19 U	0.20 U	0.19 U
FLUORENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
HEXACHLORO-1,3-BUTADIENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
HEXACHLOROBENZENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
HEXACHLOROCYCLOPENTADIEN	0.58 U	0.57 U	0.62 U	0.85 U	0.56 U	0.57 U	0.60 U	0.57 U
HEXACHLOROETHANE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
INDENO[1,2,3-CD]PYRENE	0.059 J	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
ISOPHORORNE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
M-DICHLOROBENZENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
N-NITROSO-DI-N-PROPYLAMINE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
N-NITROSODIMETHYLAMINE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
N-NITROSODIPHENYLAMINE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
NAPHTHALENE	0.22	0.15 J	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
NITROBENZENE	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
PENTACHLOROPHENOL	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
PHENANTHRENE	0.46	0.26	0.12 J	0.093 J	0.19 U	0.19 U	0.20 U	0.19 U
PHENOL	0.19 U	0.19 U	0.21 U	0.28 U	0.19 U	0.19 U	0.20 U	0.19 U
PYRENE	0.21	0.10 J	0.21 U	0.11 J	0.19 U	0.19 U	0.20 U	0.19 U

Table 5B
Soil Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-8	PG-PA-MW-8	PG-PA-MW-10D	PG-PA-MW-10D	PG-MW10D	PG-MW10D	PG-PA-MW-11D	PG-PA-MW-12
Sample Date	11/28/2000	11/28/2000	11/27/2000	11/27/2000	11/27/2000	11/27/2000	11/15/2000	11/2/2000
Sample ID	PG-PAMW-8	PG-PAMW-8	PG-PAMW10D	PG-PAMW10D	PG-MW10D	PG-MW10D	PG-PAMW-11D	PG-MWPA12
Sample Depth	0.5-2'	4-6'	0.5-2'	4-6'	7-8'	8-10'	0-2'	0-1.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
1,2-BENZPHENANTHRACENE	0.20	0.19 J	0.12 J	0.33	6.2	13 U	0.18 U	0.10 J
1,2-DICHLOROBENZENE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
1,2-DIPHENYLHYDRAZINE	0.036 U	0.051 U	0.037 U	0.038 U	0.046 U	2.6 U	0.036 U	0.037 U
1,4-DICHLOROBENZENE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
2,4,6-TRICHLORORPHENOL	0.059 J	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
2,4-DICHLOROPHENOL	0.043 J	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
2,4-DIMETHYLPHENOL	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
2,4-DINITROPHENOL	0.36 U	0.51 U	0.37 U	0.38 U	0.46 U	26 U	0.36 U	0.37 U
2,4-DINITROTOLUENE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
2,6-DINITROTOLUENE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
2-CHLORORNAPHTHALENE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
2-CHLOROPHENOL	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
2-NITROPHENOL	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
3,3'-DICHLOROBENZIDINE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
4,6-DINITRO-O-CRESOL	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
4-BROMOPHENYLPHENYL ETHER	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
4-CHLORO-3-METHYLPHENOL	0.075 J	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
4-CHLOROPHENYLPHENYL ETHE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
4-NITROPHENOL	0.58	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
ACENAPHTHENE	0.18 U	0.26 U	0.19 U	0.19 U	0.23	13 U	0.18 U	0.19 U
ACENAPHTHYLENE	0.18 U	0.26 U	0.19 U	0.19 U	0.64	2.6 J	0.18 U	0.19 U
ANTHRACENE	0.057 J	0.074 J	0.19 U	0.096 J	1.2	13 U	0.18 U	0.19 U
BENZIDINE	0.36 U	0.51 U	0.37 U	0.38 U	0.46 U	26 U	0.36 U	0.37 U
BENZO[A]ANTHRACENE	0.16 J	0.18 J	0.10 J	0.36	4.4	13 U	0.18 U	0.038 J
BENZO[A]PYRENE	0.15 J	0.15 J	0.11 J	0.32	4.3	13 U	0.18 U	0.051 J
BENZO[B]FLOURANTHENE	0.28	0.27	0.13 J	0.50	7.9	13 U	0.18 U	0.076 J
BENZO[G,H,I]PERYLENE	0.048 J	0.055 J	0.081 J	0.13 J	2.5	13 U	0.18 U	0.19 U
BENZO[K]FLOURANTHENE	0.089 J	0.10 J	0.038 J	0.14 J	2.9	13 U	0.18 U	0.039 J
BENZYL BUTYL PHTHALATE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
BIS(2-CHLOROETHOXY)METHANE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
BIS(2-CHLOROETHYL)ETHER	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
BIS(2-CHLOROISOPROPYL)ETHE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
BIS(2-ETHYHEXYL)PHTHALATE	0.11 J	0.36	0.14 JB	0.26 B	0.42 B	13 U	0.074 JB	0.069 J
DI-N-BUTYL PHTHALATE	0.061 JB	0.10 JB	0.22 B	0.068 JB	0.096 JB	13 U	0.18 U	0.091 J
DI-N-OCTYL PHTHALATE	0.063 J	0.17 J	0.074 J	0.15 J	0.23 U	13 U	0.18 U	0.14 J
DIBENZ[A,H]ANTHRACENE	0.18 U	0.26 U	0.19 U	0.050 J	0.92	13 U	0.18 U	0.19 U
DIETHYL PHTHALATE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
DIMETHYL PHTHALATE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
FLUORANTHENE	0.29	0.29	0.21	0.79	5.0	13 U	0.18 U	0.069 J
FLUORENE	0.042 J	0.062 J	0.051 J	0.19 U	0.27	13 U	0.18 U	0.19 U
HEXACHLORO-1,3-BUTADIENE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
HEXACHLOROBENZENE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
HEXACHLOROCYCLOPENTADIEN	0.54 U	0.77 U	0.56 U	0.57 U	0.68 U	38 U	0.54 U	0.56 U
HEXACHLOROETHANE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
INDENO[1,2,3-CD]PYRENE	0.056 J	0.26 U	0.068 J	0.14 J	2.6	13 U	0.18 U	0.19 U
ISOPHORORNE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
M-DICHLOROBENZENE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
N-NITROSO-DI-N-PROPYLAMINE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
N-NITROSODIMETHYLAMINE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
N-NITROSODIPHENYLAMINE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
NAPHTHALENE	0.12 J	0.11 J	0.052 J	0.19 U	0.18 J	13 U	0.18 U	0.19 U
NITROBENZENE	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
PENTACHLOROPHENOL	0.16 J	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
PHENANTHRENE	0.22	0.16 J	0.22	0.37	1.1	13 U	0.18 U	0.049 J
PHENOL	0.18 U	0.26 U	0.19 U	0.19 U	0.23 U	13 U	0.18 U	0.19 U
PYRENE	0.29	0.33	0.27	0.77	4.8	13 U	0.18 U	0.084 J

Table 5B
Soil Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-12	PG-PA-MW-12	PG-PA-MW-12	PG-PA-MW-13	PG-PA-MW-13	PG-PA-MW-14D	PG-PA-MW-14D
Sample Date	11/2/2000	11/2/2000	11/2/2000	11/15/2000	11/20/2000	11/15/2000	11/17/2000
Sample ID	PG-MWPA12	PG-MWPA12	PG-MWPA12	PG-PAMW-13	PG-PAMW13	PG-PAMW-14D	PAMW14D
Sample Depth	1.5-2.4'	6-8'	18-20'	1-2.5'	2.5-4'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
1,2-BENZPHENANTHRACENE	0.28 U	0.35 U	0.38 U	1.1 U	3.5	0.45	0.23 U
1,2-DICHLOROBENZENE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
1,2-DIPHENYLHYDRAZINE	0.056 U	0.071 U	0.076 U	0.21 U	0.080 U	0.040 U	0.047 U
1,4-DICHLOROBENZENE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
2,4,6-TRICHLORORPHENOL	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
2,4-DICHLOROPHENOL	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
2,4-DIMETHYLPHENOL	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
2,4-DINITROPHENOL	0.56 U	0.71 U	0.76 U	2.1 U	0.80 U	0.40 U	0.47 U
2,4-DINITROTOLUENE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
2,6-DINITROTOLUENE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
2-CHLORORNAPHTHALENE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
2-CHLOROPHENOL	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
2-NITROPHENOL	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
3,3'-DICHLOROBENZIDINE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
4,6-DINITRO-O-CRESOL	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
4-BROMOPHENYLPHENYL ETHER	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
4-CHLORO-3-METHYLPHENOL	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
4-CHLOROPHENYLPHENYL ETHE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
4-NITROPHENOL	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
ACENAPHTHENE	0.28 U	0.35 U	0.38 U	1.1 U	0.67	0.045 J	0.23 U
ACENAPHTHYLENE	0.28 U	0.35 U	0.38 U	1.1 U	0.17 J	0.17 J	0.23 U
ANTHRACENE	0.28 U	0.35 U	0.38 U	1.1 U	1.6	0.14 J	0.23 U
BENZIDINE	0.56 U	0.71 U	0.76 U	2.1 U	0.80 U	0.40 U	0.47 U
BENZO[A]ANTHRACENE	0.28 U	0.35 U	0.38 U	1.1 U	4.2	0.36	0.23 U
BENZO[A]PYRENE	0.28 U	0.35 U	0.38 U	1.1 U	3.1	0.44	0.23 U
BENZO[B]FLOURANTHENE	0.28 U	0.35 U	0.38 U	1.1 U	3.5	0.52	0.23 U
BENZO[G,H,I]PERYLENE	0.28 U	0.35 U	0.38 U	1.1 U	1.8	0.19 J	0.23 U
BENZO[K]FLOURANTHENE	0.28 U	0.35 U	0.38 U	1.1 U	1.4	0.62	0.23 U
BENZYL BUTYL PHTHALATE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
BIS(2-CHLOROETHOXY)METHANE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
BIS(2-CHLOROETHYL)ETHER	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
BIS(2-CHLOROISOPROPYL)ETHE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
BIS(2-ETHYHEXYL)PHTHALATE	0.28 U	0.093 J	0.090 J	1.1 U	0.17 JB	0.13 JB	0.051 J
DI-N-BUTYL PHTHALATE	0.28 U	0.35 U	0.15 J	0.25 J	0.40 U	0.47	0.23 U
DI-N-OCTYL PHTHALATE	0.089 J	0.14 J	0.15 J	1.1 U	0.40 U	0.086 JB	0.23 U
DIBENZ[A,H]ANTHRACENE	0.28 U	0.35 U	0.38 U	1.1 U	0.21 J	0.12 J	0.23 U
DIETHYL PHTHALATE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
DIMETHYL PHTHALATE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
FLUORANTHENE	0.28 U	0.098 J	0.38 U	1.1 U	7.7	0.61	0.23 U
FLUORENE	0.28 U	0.35 U	0.38 U	1.1 U	0.92	0.052 J	0.23 U
HEXACHLORO-1,3-BUTADIENE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
HEXACHLOROBENZENE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
HEXACHLOROCYCLOPENTADIEN	0.85 U	1.1 U	1.1 U	3.2 U	1.2 U	0.60 U	0.70 U
HEXACHLOROETHANE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
INDENO[1,2,3-CD]PYRENE	0.28 U	0.35 U	0.38 U	1.1 U	1.6	0.20	0.23 U
ISOPHORORNE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
M-DICHLOROBENZENE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
N-NITROSO-DI-N-PROPYLAMINE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
N-NITROSODIMETHYLAMINE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
N-NITROSODIPHENYLAMINE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
NAPHTHALENE	0.28 U	0.35 U	0.38 U	1.1 U	0.24 J	0.15 J	0.23 U
NITROBENZENE	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
PENTACHLOROPHENOL	0.28 U	0.35 U	0.38 U	1.1 U	0.40 U	0.20 U	0.23 U
PHENANTHRENE	0.28 U	0.35 U	0.38 U	1.1 U	7.9	0.36	0.097 J
PHENOL	0.28 U	0.35 U	1.7	1.1 U	0.40 U	0.20 U	0.23 U
PYRENE	0.28 U	0.10 J	0.38 U	1.1 U	9.1	0.67	0.054 J

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-A-1	PG-A-2	PG-A-2	PG-A-3	PG-A-3	PG-A-3	PG-A-4	PG-A-4	PG-A-5
Sample Date	12/2/2000	11/29/2000	11/29/2000	11/16/2000	11/16/2000	11/16/2000	11/16/2000	11/16/2000	11/14/2000
Sample ID	PG-A-01	PG-A-02	PG-A-02	PG-A-03	PG-A-03	PG-A-03	PG-A-04	PG-A-04	PG-A-05
Sample Depth	2-4'	0-2'	2-4'	2.4-4'	6-8'	10-12'	6-8'	12-14'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
4,4'-DDE	.013	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
4,4'-DDT	.012	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
ALDRIN	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
ALPHA-BHC	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
BETA-BHC	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
CHLORDANE	0.0083 U	0.035 U	0.013 U	0.017 U	0.013 U	0.011 U	0.0091 U	0.014 U	0.0082 U
DELTA-BHC	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
DIELDRIN	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
ENDOSULFAN I	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
ENDOSULFAN II	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
ENDOSULFAN SULFATE	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
ENDRIN	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
ENDRIN ALDEHYDE	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
ENDRIN KETONE	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
GAMMA-BHC (LINDANE)	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
HEPTACHLOR	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
HEPTACHLOR EPOXIDE	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
METHOXYCHLOR	0.0042 U	0.018 U	0.0063 U	0.0083 U	0.0065 U	0.0056 U	0.0046 U	0.0071 U	0.0041 U
TOXAPHENE	0.042 U	0.18 U	0.063 U	0.083 U	0.065 U	0.056 U	0.046 U	0.071 U	0.041 U
AROCLOR 1016	0.021 U	0.018 U	0.031 U	0.042 U	0.033 U	0.028 U	0.023 U	0.035 U	0.021 U
AROCLOR 1221	0.021 U	0.018 U	0.031 U	0.042 U	0.033 U	0.028 U	0.023 U	0.035 U	0.021 U
AROCLOR 1232	0.021 U	0.018 U	0.031 U	0.042 U	0.033 U	0.028 U	0.023 U	0.035 U	0.021 U
AROCLOR 1242	0.021 U	0.018 U	0.031 U	0.042 U	0.033 U	0.028 U	0.023 U	0.035 U	0.021 U
AROCLOR 1248	0.021 U	0.018 U	0.031 U	0.042 U	0.033 U	0.028 U	0.023 U	0.035 U	0.021 U
AROCLOR 1254	0.021 U	0.018 U	0.031 U	0.042 U	0.033 U	0.028 U	0.023 U	0.035 U	0.021 U
AROCLOR 1260	.058	0.018 U	0.031 U	0.042 U	0.033 U	0.028 U	0.023 U	0.035 U	0.021 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-A-6	PG-B-1	PG-B-1	PG-B-1	PG-B-02	PG-B-02	PG-B-02A	PG-B-3	PG-B-3
Sample Date	11/10/2000	12/4/2000	12/4/2000	12/4/2000	11/16/2000	11/16/2000	11/16/2000	12/4/2000	12/4/2000
Sample ID	PG-A-06	PG-B-01	PG-B-01	PG-B-01	PG-B-02	PG-A-02	PG-B-02A	PG-B-03	PG-B-03
Sample Depth	1-3'	2-4'	6-8'	9-10'	2-4'	6-8'	8-10'	2-4'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0045 U	0.0038 U	0.02 U	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.023 U	0.0055 U
4,4'-DDE	0.0045 U	0.0038 U	.35	.038	0.0039 U	0.0046 U	0.0044 U	.11	0.0055 U
4,4'-DDT	.01	0.0038 U	0.02 U	.042	0.0039 U	0.0046 U	0.0044 U	0.023 U	0.0055 U
ALDRIN	0.0045 U	0.0038 U	0.02 U	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.023 U	0.0055 U
ALPHA-BHC	0.0045 U	0.0038 U	0.02 U	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.023 U	0.0055 U
BETA-BHC	0.0045 U	0.0038 U	0.02 U	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.023 U	0.0055 U
CHLORDANE	0.009 U	0.0076 U	0.04 U	0.0084 U	0.0078 U	0.0093 U	0.0088 U	0.046 U	0.011 U
DELTA-BHC	0.0045 U	0.0038 U	0.02 U	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.023 U	0.0055 U
DIELDRIN	.0048	0.0038 U	0.3	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.13	0.0055 U
ENDOSULFAN I	0.0045 U	0.0038 U	0.02 U	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.023 U	0.0055 U
ENDOSULFAN II	0.0045 U	0.0038 U	0.02 U	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.023 U	0.0055 U
ENDOSULFAN SULFATE	0.0045 U	0.0038 U	0.02 U	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.023 U	0.0055 U
ENDRIN	0.0045 U	0.0038 U	0.39	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.14	0.0055 U
ENDRIN ALDEHYDE	.0069	0.0038 U	.087	0.0042 U	0.0039 U	0.0046 U	0.0044 U	.23	0.0055 U
ENDRIN KETONE	0.0045 U	0.0038 U	0.02 U	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.023 U	0.0055 U
GAMMA-BHC (LINDANE)	.0073	0.0038 U	0.02 U	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.023 U	0.0055 U
HEPTACHLOR	0.0045 U	0.0038 U	.091	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.023 U	0.0055 U
HEPTACHLOR EPOXIDE	0.0045 U	0.0038 U	0.069	0.0042 U	0.0039 U	0.0046 U	0.0044 U	0.029	0.0055 U
METHOXYCHLOR	0.0045 U	0.0038 U	0.02 U	0.0042 U	0.0039 U	0.0046 U	0.0044 U	.06	0.0055 U
TOXAPHENE	0.045 U	0.038 U	0.2 U	0.042 U	0.039 U	0.046 U	0.044 U	0.23 U	0.055 U
AROCLOR 1016	0.023 U	0.019 U	0.4 U	0.021 U	0.02 U	0.023 U	0.022 U	0.23 U	0.027 U
AROCLOR 1221	0.023 U	0.019 U	0.4 U	0.021 U	0.02 U	0.023 U	0.022 U	0.23 U	0.027 U
AROCLOR 1232	0.023 U	0.019 U	0.4 U	0.021 U	0.02 U	0.023 U	0.022 U	0.23 U	0.027 U
AROCLOR 1242	0.023 U	0.019 U	0.4 U	0.021 U	0.02 U	0.023 U	0.022 U	0.23 U	0.027 U
AROCLOR 1248	0.023 U	0.019 U	0.4 U	0.021 U	0.02 U	0.023 U	0.022 U	0.23 U	0.027 U
AROCLOR 1254	0.023 U	0.019 U	6.6	0.021 U	0.02 U	0.023 U	0.022 U	2.4	0.027 U
AROCLOR 1260	.079	0.019 U	0.4 U	.29	0.02 U	0.023 U	0.022 U	0.23 U	0.027 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	**PG-B-4**	**PG-D-1**	**PG-D-1**	**PG-D-1**	**PG-D-2**	**PG-D-2**	**PG-D-3**	**PG-D-4**	**PG-D-4A**
Sample Date	12/4/2000	12/1/2000	12/1/2000	12/1/2000	12/4/2000	12/4/2000	12/1/2000	12/2/2000	12/2/2000
Sample ID	PG-B-04	PG-D-01	PG-D-01	PG-D-01	PG-D-02	PG-D-02	PG-D-03	PG-D-04	PG-D-4A
Sample Depth	2-4'	0-2'	6-8'	18-20'	0-2'	6-8'	1-3'	0-2'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
4,4'-DDE	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	.047	0.0039 U	0.0043 U
4,4'-DDT	.025	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
ALDRIN	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
ALPHA-BHC	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
BETA-BHC	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
CHLORDANE	.039	0.041 U	0.047 U	0.013 U	0.0073 U	0.0097 U	0.038 U	0.0078 U	0.0087 U
DELTA-BHC	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
DIELDRIN	.0067	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
ENDOSULFAN I	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
ENDOSULFAN II	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
ENDOSULFAN SULFATE	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
ENDRIN	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
ENDRIN ALDEHYDE	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
ENDRIN KETONE	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
GAMMA-BHC (LINDANE)	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
HEPTACHLOR	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
HEPTACHLOR EPOXIDE	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
METHOXYCHLOR	0.0039 U	0.02 U	0.023 U	0.0064 U	0.0037 U	0.0048 U	0.019 U	0.0039 U	0.0043 U
TOXAPHENE	0.039 U	0.2 U	0.23 U	0.064 U	0.037 U	0.048 U	0.19 U	0.039 U	0.043 U
AROCLOR 1016	0.02 U	0.02 U	0.023 U	0.032 U	0.018 U	0.024 U	0.019 U	0.02 U	0.022 U
AROCLOR 1221	0.02 U	0.02 U	0.023 U	0.032 U	0.018 U	0.024 U	0.019 U	0.02 U	0.022 U
AROCLOR 1232	0.02 U	0.02 U	0.023 U	0.032 U	0.018 U	0.024 U	0.019 U	0.02 U	0.022 U
AROCLOR 1242	0.02 U	0.02 U	0.023 U	0.032 U	0.018 U	0.024 U	0.019 U	0.02 U	0.022 U
AROCLOR 1248	0.02 U	0.02 U	0.023 U	0.032 U	0.018 U	0.024 U	0.019 U	0.02 U	0.022 U
AROCLOR 1254	0.02 U	0.02 U	0.023 U	0.032 U	0.018 U	0.024 U	0.019 U	0.02 U	0.022 U
AROCLOR 1260	.24	0.02 U	0.023 U	0.032 U	0.018 U	0.024 U	0.019 U	0.02 U	0.022 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-E-1	PG-E-1	PG-E-1	PG-F1-3	PG-F1-3	PG-F2-2	PG-F2-2	PG-G-2	PG-G-2
Sample Date	11/13/00	11/13/00	11/13/00	11/10/00	11/10/00	11/20/00	11/20/00	11/21/2000	11/21/2000
Sample ID	PG-E-01	PG-E-01	PG-E-01	PG-F1-3	PG-F1-3	PG-F2-2	PG-F2-2	PG-G-02	PG-G-02
Sample Depth	0.2-2'	4-6'	10-12'	1-3'	3-5'	2-4'	8-10'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
4,4'-DDE	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
4,4'-DDT	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
ALDRIN	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
ALPHA-BHC	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
BETA-BHC	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
CHLORDANE	0.0076 U	0.0078 U	0.013 U	0.04 U	0.013 U	0.0072 U	0.0078 U	0.0078 U	0.013 U
DELTA-BHC	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
DIELDRIN	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
ENDOSULFAN I	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
ENDOSULFAN II	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
ENDOSULFAN SULFATE	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
ENDRIN	0.0038 U	0.0039 U	0.0063 U	0.19	.012	0.0036 U	0.0039 U	0.0039 U	0.0064 U
ENDRIN ALDEHYDE	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
ENDRIN KETONE	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
GAMMA-BHC (LINDANE)	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
HEPTACHLOR	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
HEPTACHLOR EPOXIDE	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
METHOXYCHLOR	0.0038 U	0.0039 U	0.0063 U	0.02 U	0.0067 U	0.0036 U	0.0039 U	0.0039 U	0.0064 U
TOXAPHENE	0.038 U	0.039 U	0.063 U	0.2 U	0.067 U	0.036 U	0.039 U	0.039 U	0.064 U
AROCLOR 1016	0.019 U	0.019 U	0.031 U	0.02 U	0.033 U	0.018 U	0.019 U	0.019 U	0.032 U
AROCLOR 1221	0.019 U	0.019 U	0.031 U	0.02 U	0.033 U	0.018 U	0.019 U	0.019 U	0.032 U
AROCLOR 1232	0.019 U	0.019 U	0.031 U	0.02 U	0.033 U	0.018 U	0.019 U	0.019 U	0.032 U
AROCLOR 1242	0.019 U	0.019 U	0.031 U	0.02 U	0.033 U	0.018 U	0.019 U	0.019 U	0.032 U
AROCLOR 1248	0.019 U	0.019 U	0.031 U	0.02 U	0.033 U	0.018 U	0.019 U	0.019 U	0.032 U
AROCLOR 1254	0.019 U	0.019 U	0.031 U	.13	0.033 U	0.018 U	0.019 U	0.019 U	0.032 U
AROCLOR 1260	0.019 U	0.019 U	0.031 U	0.02 U	0.033 U	0.018 U	0.019 U	0.019 U	0.032 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	**PG-G-2**	**PG-G-3**	**PG-G-4**	**PG-G-5**	**PG-G-5A**	**PG-G-6**	**PG-G-6**	**PG-G7(N)**	**PG-G7(N)**
Sample Date	11/21/2000	11/27/2000	11/29/2000	12/1/2000	12/1/00	12/1/00	12/1/00	11/21/00	11/21/00
Sample ID	PG-G-02	PG-G-03	PG-G-04	PG-G-05	PG-G-5A	PG-G-06	PG-G-06	PG-G-7N	PG-G-7N
Sample Depth	6-8'	0-2'	6-8'	4-6'	8-10'	4-6'	6-8'	8-10'	10-12'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	.0093	0.0041 U
4,4'-DDE	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	.039	0.0041 U
4,4'-DDT	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
ALDRIN	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
ALPHA-BHC	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
BETA-BHC	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
CHLORDANE	0.0082 U	0.0079 U	0.0087 U	0.0082 U	0.0082 U	0.039 U	0.0082 U	0.0077 U	0.0082 U
DELTA-BHC	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
DIELDRIN	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
ENDOSULFAN I	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
ENDOSULFAN II	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
ENDOSULFAN SULFATE	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
ENDRIN	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
ENDRIN ALDEHYDE	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
ENDRIN KETONE	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
GAMMA-BHC (LINDANE)	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
HEPTACHLOR	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
HEPTACHLOR EPOXIDE	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
METHOXYCHLOR	0.0041 U	0.004 U	0.0043 U	0.0041 U	0.00082 U	0.019 U	0.0041 U	0.0038 U	0.0041 U
TOXAPHENE	0.041 U	0.04 U	0.043 U	0.041 U	0.041 U	0.19 U	0.041 U	0.038 U	0.041 U
AROCLOR 1016	0.021 U	0.02 U	0.022 U	0.021 U	0.021 U	0.019 U	0.021 U	0.019 U	0.021 U
AROCLOR 1221	0.021 U	0.02 U	0.022 U	0.021 U	0.021 U	0.019 U	0.021 U	0.019 U	0.021 U
AROCLOR 1232	0.021 U	0.02 U	0.022 U	0.021 U	0.021 U	0.019 U	0.021 U	0.019 U	0.021 U
AROCLOR 1242	0.021 U	0.02 U	0.022 U	0.021 U	0.021 U	0.019 U	0.021 U	0.019 U	0.021 U
AROCLOR 1248	0.021 U	0.02 U	0.022 U	0.021 U	0.021 U	0.019 U	0.021 U	0.019 U	0.021 U
AROCLOR 1254	0.021 U	0.02 U	0.022 U	0.021 U	0.021 U	0.019 U	0.021 U	0.019 U	0.021 U
AROCLOR 1260	0.021 U	0.02 U	0.022 U	0.021 U	0.021 U	0.019 U	0.021 U	0.019 U	0.021 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-G-8	PG-G-8	PG-G-9	PG-G-10	PG-H/R-1	PG-H/R-1	PG-H/R-2	PG-H/R-2	PG-H/R-3
Sample Date	11/30/00	11/30/00	11/28/00	11/28/2000	12/2/2000	12/2/00	11/10/00	11/10/00	11/10/00
Sample ID	PG-G-08	PG-G-08	PG-G-09	PG-G-10	PG-H/R-01	PG-H/R-01	PG-H/R-2	PG-H/R-2	PG-H/R-3
Sample Depth	1-2'	6-7'	4-6'	2-4'	1-3'	3-4.5'	0-1.5'	1.5-3.5'	0.3-1'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	.0081
4,4'-DDE	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	.02	0.006 U	.094
4,4'-DDT	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	.016	0.006 U	.04
ALDRIN	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	0.004 U
ALPHA-BHC	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	0.004 U
BETA-BHC	0.0036 U	0.004 U	0.004 U	.0083	0.0046 U	0.0067 U	0.0038 U	0.006 U	0.004 U
CHLORDANE	0.0072 U	0.0079 U	0.008 U	0.0075 U	0.0091 U	0.013 U	0.0076 U	0.012 U	0.008 U
DELTA-BHC	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	0.004 U
DIELDRIN	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	.016
ENDOSULFAN I	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	0.004 U
ENDOSULFAN II	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	0.004 U
ENDOSULFAN SULFATE	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	0.004 U
ENDRIN	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	.0079	0.006 U	0.004 U
ENDRIN ALDEHYDE	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	.0076
ENDRIN KETONE	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	0.004 U
GAMMA-BHC (LINDANE)	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	.0044
HEPTACHLOR	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	0.004 U
HEPTACHLOR EPOXIDE	0.0036 U	0.004 U	0.004 U	.013	0.0046 U	0.0067 U	0.0038 U	0.006 U	0.004 U
METHOXYCHLOR	0.0036 U	0.004 U	0.004 U	0.0037 U	0.0046 U	0.0067 U	0.0038 U	0.006 U	0.004 U
TOXAPHENE	0.036 U	0.04 U	0.04 U	0.037 U	0.046 U	0.067 U	0.038 U	0.06 U	0.04 U
AROCLOR 1016	0.018 U	0.02 U	0.02 U	0.019 U	0.023 U	0.033 U	0.019 U	0.03 U	0.02 U
AROCLOR 1221	0.018 U	0.02 U	0.02 U	0.019 U	0.023 U	0.033 U	0.019 U	0.03 U	0.02 U
AROCLOR 1232	0.018 U	0.02 U	0.02 U	0.019 U	0.023 U	0.033 U	0.019 U	0.03 U	0.02 U
AROCLOR 1242	0.018 U	0.02 U	0.02 U	0.019 U	0.023 U	0.033 U	0.019 U	0.03 U	0.02 U
AROCLOR 1248	0.018 U	0.02 U	0.02 U	0.019 U	0.023 U	0.033 U	0.019 U	0.03 U	0.02 U
AROCLOR 1254	0.018 U	0.02 U	0.02 U	0.019 U	0.023 U	0.033 U	0.019 U	0.03 U	0.02 U
AROCLOR 1260	0.018 U	0.02 U	0.02 U	0.019 U	.028	0.033 U	.15	0.03 U	.26

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	**PG-H/R-3**	**PG-I-1**	**PG-I-1**	**PG-K-1**	**PG-K-1**	**PG-K-2**	**PG-K-2**	**PG-L-1**	**PG-L-1**
Sample Date	11/10/00	11/13/2000	11/13/00	11/9/00	11/9/00	11/29/00	11/29/00	12/1/2000	12/1/2000
Sample ID	PG-H/R-3	PG-I-01	PG-I-01	PG-K-01	PG-K-01	PG-K-02	PG-K-02	PG-L-01	PG-L-01
Sample Depth	1-3'	0-2'	2-4'	2-4'	5-6'	0-2.5	2.5-4'	2-4'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0058 U	0.0041 U	0.0055 U	0.0046 U	0.0047 U	.043	0.023 U	0.0079 U	0.0042 U
4,4'-DDE	0.0058 U	0.0041 U	0.0055 U	0.0046 U	0.0047 U	0.018 U	0.023 U	0.0079 U	0.0042 U
4,4'-DDT	0.0058 U	0.0041 U	0.0055 U	.14	.0098	0.018 U	0.023 U	0.0079 U	0.0042 U
ALDRIN	0.0058 U	0.0041 U	0.0055 U	0.0046 U	0.0047 U	0.018 U	0.023 U	0.0079 U	0.0042 U
ALPHA-BHC	0.0058 U	0.0041 U	0.0055 U	0.0046 U	0.0047 U	0.018 U	0.023 U	0.0079 U	0.0042 U
BETA-BHC	0.0058 U	0.0041 U	0.0055 U	.038	.015	0.018 U	0.023 U	0.0079 U	0.0042 U
CHLORDANE	0.012 U	0.0081 U	0.011 U	0.0093 U	.048	0.036 U	0.046 U	0.016 U	0.0084 U
DELTA-BHC	0.0058 U	0.0041 U	0.0055 U	.057	.014	0.018 U	0.023 U	0.0079 U	0.0042 U
DIELDRIN	0.0058 U	0.0041 U	0.0055 U	0.0046 U	.0057	0.018 U	0.023 U	0.0079 U	0.0042 U
ENDOSULFAN I	0.0058 U	0.0041 U	0.0055 U	0.0046 U	0.0047 U	0.018 U	0.023 U	0.0079 U	0.0042 U
ENDOSULFAN II	0.0058 U	0.0041 U	0.0055 U	0.0046 U	0.0047 U	0.018 U	0.023 U	0.0079 U	0.0042 U
ENDOSULFAN SULFATE	0.0058 U	0.0041 U	0.0055 U	0.0046 U	0.0047 U	0.018 U	0.023 U	0.0079 U	0.0042 U
ENDRIN	0.0058 U	0.0041 U	0.0055 U	0.0046 U	0.0047 U	0.018 U	0.023 U	0.0079 U	0.0042 U
ENDRIN ALDEHYDE	0.0058 U	0.0041 U	0.0055 U	.11	.0095	0.018 U	0.023 U	0.0079 U	0.0042 U
ENDRIN KETONE	0.0058 U	0.0041 U	0.0055 U	0.0046 U	0.0047 U	0.018 U	0.023 U	0.0079 U	0.0042 U
GAMMA-BHC (LINDANE)	0.0058 U	0.0041 U	0.0055 U	0.0046 U	0.0047 U	0.018 U	0.023 U	0.0079 U	0.0042 U
HEPTACHLOR	0.0058 U	0.0041 U	0.0055 U	0.0046 U	0.0047 U	0.018 U	0.023 U	0.0079 U	0.0042 U
HEPTACHLOR EPOXIDE	0.0058 U	0.0041 U	0.0055 U	0.037	.0055	0.018 U	0.023 U	0.0079 U	0.0042 U
METHOXYCHLOR	0.0058 U	0.0041 U	0.0055 U	0.0046 U	0.0047 U	0.018 U	0.023 U	0.0079 U	0.0042 U
TOXAPHENE	0.058 U	0.041 U	0.055 U	0.046 U	0.047 U	0.18 U	0.23 U	0.079 U	0.042 U
AROCLOR 1016	0.029 U	0.02 U	0.027 U	0.023 U	0.023 U	0.018 U	0.023 U	0.04 U	0.021 U
AROCLOR 1221	0.029 U	0.02 U	0.027 U	0.023 U	0.023 U	0.018 U	0.023 U	0.04 U	0.021 U
AROCLOR 1232	0.029 U	0.02 U	0.027 U	0.023 U	0.023 U	0.018 U	0.023 U	0.04 U	0.021 U
AROCLOR 1242	0.029 U	0.02 U	0.027 U	0.023 U	0.023 U	0.018 U	0.023 U	0.04 U	0.021 U
AROCLOR 1248	0.029 U	0.02 U	0.027 U	0.023 U	0.023 U	0.018 U	0.023 U	0.04 U	0.021 U
AROCLOR 1254	0.029 U	0.02 U	0.027 U	0.023 U	0.023 U	0.018 U	0.023 U	0.04 U	0.021 U
AROCLOR 1260	0.029 U	0.02 U	0.027 U	0.023 U	0.023 U	.05	0.023 U	0.04 U	0.021 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-L-2	PG-L-2	PG-L3(FILL)	PG-L3(FILL)	PG-L3(FILL)	PG-L-4	PG-L-4	PG-L-5	PG-L-5
Sample Date	11/8/2000	11/8/2000	11/24/00	11/24/00	11/24/00	12/2/2000	12/2/00	12/2/00	12/2/00
Sample ID	PG-L-02	PG-L-02	PG-L3FILL	PG-L3FILL	PG-L3FILL	PG-L-04	PG-L-04	PG-L-05	PG-L-05
Sample Depth	8-10'	10-12'	2-4'	8-10'	12-14'	0-2'	6-8'	2-3.8'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0065 U	0.004 U	.034	0.004 U	0.0042 U	0.0036 U	0.0041 U	.011	0.004 U
4,4'-DDE	0.0065 U	0.004 U	.014	0.004 U	.0042	.0054	0.0041 U	0.0037 U	0.004 U
4,4'-DDT	0.0065 U	0.004 U	.0071	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
ALDRIN	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
ALPHA-BHC	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
BETA-BHC	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
CHLORDANE	0.013 U	0.008 U	.081	0.008 U	0.0083 U	0.0072 U	0.0082 U	0.0075 U	0.0079 U
DELTA-BHC	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
DIELDRIN	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
ENDOSULFAN I	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
ENDOSULFAN II	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
ENDOSULFAN SULFATE	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
ENDRIN	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
ENDRIN ALDEHYDE	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
ENDRIN KETONE	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
GAMMA-BHC (LINDANE)	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
HEPTACHLOR	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
HEPTACHLOR EPOXIDE	0.0065 U	0.004 U	.0061	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
METHOXYCHLOR	0.0065 U	0.004 U	0.0043 U	0.004 U	0.0042 U	0.0036 U	0.0041 U	0.0037 U	0.004 U
TOXAPHENE	0.065 U	0.04 U	0.043 U	0.04 U	0.042 U	0.036 U	0.041 U	0.037 U	0.04 U
AROCLOR 1016	0.033 U	0.02 U	0.021 U	0.02 U	0.021 U	0.018 U	0.021 U	0.019 U	0.02 U
AROCLOR 1221	0.033 U	0.02 U	0.021 U	0.02 U	0.021 U	0.018 U	0.021 U	0.019 U	0.02 U
AROCLOR 1232	0.033 U	0.02 U	0.021 U	0.02 U	0.021 U	0.018 U	0.021 U	0.019 U	0.02 U
AROCLOR 1242	0.033 U	0.02 U	0.021 U	0.02 U	0.021 U	0.018 U	0.021 U	0.019 U	0.02 U
AROCLOR 1248	0.033 U	0.02 U	0.021 U	0.02 U	0.021 U	0.018 U	0.021 U	0.019 U	0.02 U
AROCLOR 1254	0.033 U	0.02 U	0.021 U	0.02 U	0.021 U	0.018 U	0.021 U	0.019 U	0.02 U
AROCLOR 1260	0.033 U	0.02 U	0.021 U	0.02 U	0.021 U	0.018 U	0.021 U	0.019 U	0.02 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	**PG-L-6**	**PG-L-6**	**PG-M-01**	**PG-M-01**	**PG-M-2**	**PG-M-2**	**PG-M-3**	**PG-M-4**	**PG-M-4**
Sample Date	11/8/00	11/8/00	11/25/2000	11/25/2000	11/27/2000	11/27/2000	11/27/2000	11/22/2000	11/22/2000
Sample ID	PG-L-06	PG-L-06	PG-M-01	PG-M-01	PG-M-02	PG-M-02	PG-M-03	PG-M-04	PG-M-04
Sample Depth	6-7.5'	7.5-8'	0-2'	4-6'	2-4'	4-6'	2-4'	2-4'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0065 U	0.0038 U	.0053	0.021 U	0.0042 U	.039	0.0037 U	0.004 U	0.0039 U
4,4'-DDE	0.0065 U	0.0038 U	.006	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
4,4'-DDT	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	.091	0.0037 U	0.004 U	0.0039 U
ALDRIN	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
ALPHA-BHC	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
BETA-BHC	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	.066	0.0037 U	0.004 U	0.0039 U
CHLORDANE	0.013 U	0.0076 U	0.0074 U	0.043 U	0.0084 U	0.0098 U	0.0075 U	0.008 U	0.0078 U
DELTA-BHC	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
DIELDRIN	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
ENDOSULFAN I	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
ENDOSULFAN II	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
ENDOSULFAN SULFATE	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
ENDRIN	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
ENDRIN ALDEHYDE	0.0065 U	0.0038 U	.02	0.021 U	.0069	0.0049 U	.011	0.004 U	0.0039 U
ENDRIN KETONE	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
GAMMA-BHC (LINDANE)	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
HEPTACHLOR	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
HEPTACHLOR EPOXIDE	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
METHOXYCHLOR	0.0065 U	0.0038 U	0.0037 U	0.021 U	0.0042 U	0.0049 U	0.0037 U	0.004 U	0.0039 U
TOXAPHENE	0.065 U	0.038 U	0.037 U	0.21 U	0.042 U	0.049 U	0.037 U	0.04 U	0.039 U
AROCLOR 1016	0.033 U	0.019 U	0.019 U	0.021 U	0.021 U	0.025 U	0.019 U	0.02 U	0.02 U
AROCLOR 1221	0.033 U	0.019 U	0.019 U	0.021 U	0.021 U	0.025 U	0.019 U	0.02 U	0.02 U
AROCLOR 1232	0.033 U	0.019 U	0.019 U	0.021 U	0.021 U	0.025 U	0.019 U	0.02 U	0.02 U
AROCLOR 1242	0.033 U	0.019 U	0.019 U	0.021 U	0.021 U	0.025 U	0.019 U	0.02 U	0.02 U
AROCLOR 1248	0.033 U	0.019 U	0.019 U	0.021 U	0.021 U	0.025 U	0.019 U	0.02 U	0.02 U
AROCLOR 1254	0.033 U	0.019 U	0.019 U	0.021 U	0.021 U	0.025 U	0.019 U	0.02 U	0.02 U
AROCLOR 1260	0.033 U	0.019 U	0.019 U	0.021 U	0.021 U	0.025 U	0.019 U	0.02 U	0.02 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	**PG-M-5**	**PG-P-1**	**PG-P-1**	**PG-P-2**	**PG-P-2**	**PG-P-3**	**PG-P-3**	**PG-PD-1**	**PG-PD-1**
Sample Date	11/30/2000	11/22/2000	11/22/2000	11/30/2000	11/30/2000	11/22/00	11/22/00	11/21/2000	11/21/2000
Sample ID	PG-M-05	PG-P-01	PG-P-01	PG-P-02	PG-P-02	PG-P-03	PG-P-03	PG-PD-01	PG-PD-01
Sample Depth	6-6.5'	2-4'	8-10'	2-4'	4-6'	2-4'	6-8'	2-4'	10-12'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
4,4'-DDE	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
4,4'-DDT	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
ALDRIN	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
ALPHA-BHC	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
BETA-BHC	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
CHLORDANE	0.0081 U	0.0072 U	0.0084 U	0.0078 U	0.0079 U	0.041 U	0.0081 U	0.0075 U	0.0084 U
DELTA-BHC	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
DIELDRIN	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
ENDOSULFAN I	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
ENDOSULFAN II	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
ENDOSULFAN SULFATE	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
ENDRIN	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
ENDRIN ALDEHYDE	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
ENDRIN KETONE	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
GAMMA-BHC (LINDANE)	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
HEPTACHLOR	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
HEPTACHLOR EPOXIDE	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
METHOXYCHLOR	0.0041 U	0.0036 U	0.0042 U	0.0039 U	0.004 U	0.021 U	0.0041 U	0.0037 U	0.0042 U
TOXAPHENE	0.041 U	0.036 U	0.042 U	0.039 U	0.04 U	0.21 U	0.041 U	0.037 U	0.042 U
AROCLOR 1016	0.02 U	0.018 U	0.021 U	0.019 U	0.02 U	0.021 U	0.02 U	0.019 U	0.021 U
AROCLOR 1221	0.02 U	0.018 U	0.021 U	0.019 U	0.02 U	0.021 U	0.02 U	0.019 U	0.021 U
AROCLOR 1232	0.02 U	0.018 U	0.021 U	0.019 U	0.02 U	0.021 U	0.02 U	0.019 U	0.021 U
AROCLOR 1242	0.02 U	0.018 U	0.021 U	0.019 U	0.02 U	0.021 U	0.02 U	0.019 U	0.021 U
AROCLOR 1248	0.02 U	0.018 U	0.021 U	0.019 U	0.02 U	0.021 U	0.02 U	0.019 U	0.021 U
AROCLOR 1254	0.02 U	0.018 U	0.021 U	0.019 U	0.02 U	0.021 U	0.02 U	0.019 U	0.021 U
AROCLOR 1260	0.02 U	0.018 U	0.021 U	0.019 U	0.02 U	0.021 U	0.02 U	0.019 U	0.021 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-PD-3	PG-PD-4	PG-PD-5	PG-PD-5	PG-PD-6	PG-PD-6	PG-PD-8	PG-PD-8	PG-PD-8
Sample Date	11/29/2000	12/2/00	12/2/00	12/2/00	11/21/00	11/21/00	11/29/00	11/29/00	11/29/00
Sample ID	PG-PD-3	PG-PD-4	PG-PD-5	PG-PD-5	PG-PD-06	PG-PD-06	PG-PD-8	PG-PD-8	PG-PD-8
Sample Depth	4-6'	8-10'	0.7-1.5'	2-4'	6-8'	12-14'	2-4'	8-10'	16-17'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
4,4'-DDE	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
4,4'-DDT	0.021 U	0.0041 U	.0054	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
ALDRIN	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
ALPHA-BHC	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
BETA-BHC	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
CHLORDANE	0.041 U	0.0081 U	0.0076 U	0.0075 U	0.014 U	0.026 U	0.093 U	0.044 U	0.067 U
DELTA-BHC	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
DIELDRIN	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.054	0.4
ENDOSULFAN I	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
ENDOSULFAN II	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
ENDOSULFAN SULFATE	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
ENDRIN	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	.075	0.16	0.39
ENDRIN ALDEHYDE	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
ENDRIN KETONE	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
GAMMA-BHC (LINDANE)	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
HEPTACHLOR	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
HEPTACHLOR EPOXIDE	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.09
METHOXYCHLOR	0.021 U	0.0041 U	0.0038 U	0.0037 U	0.0071 U	0.013 U	0.046 U	0.022 U	0.033 U
TOXAPHENE	0.21 U	0.041 U	0.038 U	0.037 U	0.071 U	0.13 U	0.46 U	0.22 U	0.33 U
AROCLOR 1016	0.021 U	0.02 U	0.019 U	0.019 U	0.035 U	0.064 U	0.023 U	0.022 U	0.033 U
AROCLOR 1221	0.021 U	0.02 U	0.019 U	0.019 U	0.035 U	0.064 U	0.023 U	0.022 U	0.033 U
AROCLOR 1232	0.021 U	0.02 U	0.019 U	0.019 U	0.035 U	0.064 U	0.023 U	0.022 U	0.033 U
AROCLOR 1242	0.021 U	0.02 U	0.019 U	0.019 U	0.035 U	0.064 U	0.023 U	0.022 U	0.033 U
AROCLOR 1248	0.021 U	0.02 U	0.019 U	0.019 U	0.035 U	0.064 U	0.023 U	0.022 U	0.033 U
AROCLOR 1254	0.021 U	0.02 U	0.019 U	0.019 U	.051	0.064 U	0.023 U	.24	.95
AROCLOR 1260	0.021 U	0.02 U	.036	0.019 U	0.035 U	0.064 U	0.023 U	0.022 U	0.033 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-PD-9	PG-PD-9	PG-PD-10	PG-PD-10	PG-PD-11	PG-PD-14	PG-PD-14	PG-Q1-1	PG-Q1-1
Sample Date	12/4/00	12/4/00	11/28/2000	11/28/2000	11/27/2000	11/24/2000	11/24/2000	11/30/2000	11/30/2000
Sample ID	PG-PD-09	PG-PD-09	PG-PD-10	PG-PD-10	PG-PD-11	PG--PD-14	PG--PD-14	PG-Q1-1	PG-Q1-1
Sample Depth	4-6'	8-10'	2-4'	6-8'	4-6'	2-4'	6-8'	2-4'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0049 U	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
4,4'-DDE	.046	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	.0052	0.026 U
4,4'-DDT	0.0049 U	0.0051 U	0.0038 U	0.0085 U	.0073	0.0038 U	0.0039 U	0.0038 U	0.026 U
ALDRIN	0.0049 U	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
ALPHA-BHC	0.0049 U	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
BETA-BHC	0.0049 U	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
CHLORDANE	.068	0.01 U	0.0077 U	0.017 U	0.012 U	0.0077 U	0.0078 U	0.0076 U	0.051 U
DELTA-BHC	0.0049 U	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
DIELDRIN	.04	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
ENDOSULFAN I	0.0049 U	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
ENDOSULFAN II	0.0049 U	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
ENDOSULFAN SULFATE	0.0049 U	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
ENDRIN	.072	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
ENDRIN ALDEHYDE	0.0049 U	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
ENDRIN KETONE	0.0049 U	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
GAMMA-BHC (LINDANE)	0.0049 U	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
HEPTACHLOR	.043	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
HEPTACHLOR EPOXIDE	.0097	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
METHOXYCHLOR	0.0049 U	0.0051 U	0.0038 U	0.0085 U	0.0058 U	0.0038 U	0.0039 U	0.0038 U	0.026 U
TOXAPHENE	0.049 U	0.051 U	0.038 U	0.085 U	0.058 U	0.038 U	0.039 U	0.038 U	0.26 U
AROCLOR 1016	0.025 U	0.025 U	0.019 U	0.043 U	0.029 U	0.019 U	0.02 U	0.019 U	0.026 U
AROCLOR 1221	0.025 U	0.025 U	0.019 U	0.043 U	0.029 U	0.019 U	0.02 U	0.019 U	0.026 U
AROCLOR 1232	0.025 U	0.025 U	0.019 U	0.043 U	0.029 U	0.019 U	0.02 U	0.019 U	0.026 U
AROCLOR 1242	0.025 U	0.025 U	0.019 U	0.043 U	0.029 U	0.019 U	0.02 U	0.019 U	0.026 U
AROCLOR 1248	0.025 U	0.025 U	0.019 U	0.043 U	0.029 U	0.019 U	0.02 U	0.019 U	0.026 U
AROCLOR 1254	.67	0.025 U	0.019 U	0.043 U	0.029 U	0.019 U	0.02 U	0.019 U	0.026 U
AROCLOR 1260	0.025 U	0.025 U	0.019 U	0.043 U	0.029 U	0.019 U	0.02 U	0.019 U	0.026 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-RR-1	PG-RR-1	PG-RR-2	PG-RR-3	PG-RR-4	PG-RR-4	PG-RR-5	PG-RR-5	PG-RR-6
Sample Date	11/3/2000	11/3/2000	11/4/2000	11/3/2000	11/4/2000	11/4/2000	11/7/2000	11/7/2000	11/6/2000
Sample ID	PG-RR-01	PG-RR-01	PG-RR-02	PG-RR-03	PG-RR-04	PG-RR-04	PG-RR-05	PG-RR-05	PG-RR-06
Sample Depth	0-1.2'	1.2-2'	0-2'	1.5-2'	0.6-2'	3-4'	1-2'	2-4'	1-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	.078	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
4,4'-DDE	.078	.012	.017	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
4,4'-DDT	.21	.026	0.0039 U	.039	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
ALDRIN	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
ALPHA-BHC	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
BETA-BHC	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
CHLORDANE	0.039 U	.018	0.0078 U	0.039 U	0.0075 U	0.0083 U	0.0072 U	0.0072 U	0.0072 U
DELTA-BHC	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
DIELDRIN	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
ENDOSULFAN I	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
ENDOSULFAN II	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
ENDOSULFAN SULFATE	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
ENDRIN	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
ENDRIN ALDEHYDE	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
ENDRIN KETONE	0.019 U	0.0038 U	0.0039 U	.05	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
GAMMA-BHC (LINDANE)	0.019 U	0.0038 U	.0045	.029	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
HEPTACHLOR	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
HEPTACHLOR EPOXIDE	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
METHOXYCHLOR	0.019 U	0.0038 U	0.0039 U	0.019 U	0.0037 U	0.0042 U	0.0036 U	0.0036 U	0.0036 U
TOXAPHENE	0.19 U	0.038 U	0.039 U	0.19 U	0.037 U	0.042 U	0.036 U	0.036 U	0.036 U
AROCLOR 1016	0.019 U	0.019 U	0.02 U	0.019 U	0.019 U	0.021 U	0.018 U	0.018 U	0.018 U
AROCLOR 1221	0.019 U	0.019 U	0.02 U	0.019 U	0.019 U	0.021 U	0.018 U	0.018 U	0.018 U
AROCLOR 1232	0.019 U	0.019 U	0.02 U	0.019 U	0.019 U	0.021 U	0.018 U	0.018 U	0.018 U
AROCLOR 1242	0.019 U	0.019 U	0.02 U	0.019 U	0.019 U	0.021 U	0.018 U	0.018 U	0.018 U
AROCLOR 1248	0.019 U	0.019 U	0.02 U	0.019 U	0.019 U	0.021 U	0.018 U	0.018 U	0.018 U
AROCLOR 1254	0.019 U	0.019 U	0.02 U	0.019 U	0.019 U	0.021 U	0.018 U	0.018 U	0.018 U
AROCLOR 1260	.13	0.019 U	0.02 U	0.019 U	0.019 U	0.021 U	0.018 U	0.018 U	0.018 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-RR-6	PG-RR-7	PG-RR-7	PG-RR-8	PG-RR-8	PG-RR-10	PG-RR-10	PG-RR-15	PG-RR-15
Sample Date	11/6/2000	11/6/2000	11/6/2000	12/1/2000	12/1/2000	12/2/00	12/2/00	11/25/00	11/27/00
Sample ID	PG-RR-06	PG-RR-07	PG-RR-07	PG-RR-08	PG-RR-08	PG-RR10	PG-RR10	PG-RR-15	PG-RR-15
Sample Depth	2-4'	0-2'	2-4'	2-4'	6-8'	2-2.5'	8-10'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
4,4'-DDE	0.0036 U	0.0036 U	0.0036 U	.0078	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
4,4'-DDT	0.0036 U	0.0036 U	0.0036 U	.02	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
ALDRIN	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
ALPHA-BHC	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
BETA-BHC	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
CHLORDANE	0.0072 U	0.0072 U	0.0072 U	0.01 U	0.0093 U	0.009 U	0.0088 U	0.0069 U	0.0098 U
DELTA-BHC	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
DIELDRIN	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
ENDOSULFAN I	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
ENDOSULFAN II	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
ENDOSULFAN SULFATE	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
ENDRIN	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
ENDRIN ALDEHYDE	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
ENDRIN KETONE	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
GAMMA-BHC (LINDANE)	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
HEPTACHLOR	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
HEPTACHLOR EPOXIDE	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	0.0049 U
METHOXYCHLOR	0.0036 U	0.0036 U	0.0036 U	0.0052 U	0.0046 U	0.0045 U	0.0044 U	0.0035 U	.065
TOXAPHENE	0.036 U	0.036 U	0.036 U	0.052 U	0.046 U	0.045 U	0.044 U	0.035 U	0.049 U
AROCLOR 1016	0.018 U	0.018 U	0.018 U	0.026 U	0.023 U	0.023 U	0.022 U	0.017 U	0.025 U
AROCLOR 1221	0.018 U	0.018 U	0.018 U	0.026 U	0.023 U	0.023 U	0.022 U	0.017 U	0.025 U
AROCLOR 1232	0.018 U	0.018 U	0.018 U	0.026 U	0.023 U	0.023 U	0.022 U	0.017 U	0.025 U
AROCLOR 1242	0.018 U	0.018 U	0.018 U	0.026 U	0.023 U	0.023 U	0.022 U	0.017 U	0.025 U
AROCLOR 1248	0.018 U	0.018 U	0.018 U	0.026 U	0.023 U	0.023 U	0.022 U	0.017 U	0.025 U
AROCLOR 1254	0.018 U	0.018 U	0.018 U	0.026 U	0.023 U	0.023 U	0.022 U	0.017 U	0.025 U
AROCLOR 1260	0.018 U	0.018 U	0.018 U	0.026 U	0.023 U	0.023 U	0.022 U	0.017 U	0.025 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-STAIN-1	PG-STAIN-1	PG-STAIN-02	PG-STAIN-02	PG-STAIN-03	PG-STAIN-03	PG-STAIN-3B	PG-STAIN-3B	PG-FS-1B
Sample Date	11/24/2000	11/24/2000	11/11/2000	11/11/2000	11/10/2000	11/10/2000	11/11/00	11/11/00	11/17/2000
Sample ID	PG-STAIN-1	PG-STAIN-1	PG-ST-02	PG-ST-02	PG-ST-03	PG-ST-03	PG-ST-3B	PG-ST-3B	PG-FS-01B
Sample Depth	0-2'	4-6'	1-2'	2-3'	1.7-2.5'	2.5-3.5'	0-2'	2-4'	1-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	0.0042 U	0.0036 U	0.0036 U	0.067 U
4,4'-DDE	.022	0.004 U	0.0039 U	0.004 U	0.078 U	.01	.0089	0.0036 U	0.067 U
4,4'-DDT	.024	.01	0.0039 U	0.004 U	0.078 U	0.0042 U	.006	0.0036 U	0.067 U
ALDRIN	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	0.0042 U	0.0036 U	0.0036 U	0.067 U
ALPHA-BHC	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	0.0042 U	0.0036 U	0.0036 U	0.067 U
BETA-BHC	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	0.0042 U	0.0036 U	0.0036 U	0.067 U
CHLORDANE	0.0074 U	0.008 U	0.0078 U	0.008 U	4.5	.082	0.0072 U	0.0072 U	0.13 U
DELTA-BHC	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	0.0042 U	0.0036 U	0.0036 U	0.067 U
DIELDRIN	.023	0.004 U	0.0039 U	0.004 U	0.078 U	0.0042 U	.0092	0.0036 U	0.067 U
ENDOSULFAN I	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	0.0042 U	0.0036 U	0.0036 U	0.067 U
ENDOSULFAN II	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	0.0042 U	0.0036 U	0.0036 U	0.067 U
ENDOSULFAN SULFATE	0.0037 U	0.004 U	0.0039 U	0.004 U	.62	0.0042 U	0.0036 U	0.0036 U	0.067 U
ENDRIN	.042	.015	0.0039 U	0.004 U	0.078 U	.03	.023	0.0036 U	0.067 U
ENDRIN ALDEHYDE	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	.0064	.0055	0.0036 U	0.067 U
ENDRIN KETONE	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	0.0042 U	0.0036 U	0.0036 U	0.067 U
GAMMA-BHC (LINDANE)	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	.0053	.0042	0.0036 U	0.067 U
HEPTACHLOR	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	0.0042 U	0.0036 U	0.0036 U	0.067 U
HEPTACHLOR EPOXIDE	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	0.0042 U	0.0036 U	0.0036 U	0.067 U
METHOXYCHLOR	0.0037 U	0.004 U	0.0039 U	0.004 U	0.078 U	0.0042 U	0.0036 U	0.0036 U	0.067 U
TOXAPHENE	0.037 U	0.04 U	0.039 U	0.04 U	0.78 U	0.042 U	0.036 U	0.036 U	0.67 U
AROCLOR 1016	0.019 U	0.02 U	0.02 U	0.02 U	0.097 U	0.021 U	0.018 U	0.018 U	0.17 U
AROCLOR 1221	0.019 U	0.02 U	0.02 U	0.02 U	0.097 U	0.021 U	0.018 U	0.018 U	0.17 U
AROCLOR 1232	0.019 U	0.02 U	0.02 U	0.02 U	0.097 U	0.021 U	0.018 U	0.018 U	0.17 U
AROCLOR 1242	0.019 U	0.02 U	0.02 U	0.02 U	0.097 U	0.021 U	0.018 U	0.018 U	0.17 U
AROCLOR 1248	0.019 U	0.02 U	0.02 U	0.02 U	0.097 U	0.021 U	0.018 U	0.018 U	0.17 U
AROCLOR 1254	0.019 U	0.02 U	0.02 U	0.02 U	0.097 U	0.021 U	0.018 U	0.018 U	0.17 U
AROCLOR 1260	.15	.039	0.02 U	0.02 U	0.097 U	0.021 U	.17	0.018 U	0.17 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-FS-1B	PG-FS-1B	PG-FS-2	PG-FS-2	PG-FS-2	PG-FS-3	PG-FS-3	PG-FS-4	PG-FS-4
Sample Date	11/17/2000	11/17/2000	11/17/2000	11/17/2000	11/17/2000	11/15/00	11/15/00	11/15/00	11/15/00
Sample ID	PG-FS-01B	PG-FS-01B	PG-FS-02	PG-FS-02	PG-FS-02	PG-FS03	PG-FS03	PG-FS04	PG-FS04
Sample Depth	6-6.5'	12-13.5'	2-4'	8-10'	17-18'	2-4'	6.5-8'	0.5-1'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
4,4'-DDE	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
4,4'-DDT	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
ALDRIN	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
ALPHA-BHC	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
BETA-BHC	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
CHLORDANE	0.011 U	0.013 U	0.0076 U	0.0081 U	0.0075 U	0.0077 U	0.0078 U	.035	0.0098 U
DELTA-BHC	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
DIELDRIN	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
ENDOSULFAN I	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
ENDOSULFAN II	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
ENDOSULFAN SULFATE	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
ENDRIN	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
ENDRIN ALDEHYDE	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
ENDRIN KETONE	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
GAMMA-BHC (LINDANE)	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
HEPTACHLOR	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
HEPTACHLOR EPOXIDE	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
METHOXYCHLOR	0.0054 U	0.0064 U	0.0038 U	0.0041 U	0.0037 U	0.0038 U	0.0039 U	0.0044 U	0.0049 U
TOXAPHENE	0.054 U	0.064 U	0.038 U	0.041 U	0.037 U	0.038 U	0.039 U	0.044 U	0.049 U
AROCLOR 1016	0.027 U	0.032 U	0.019 U	0.02 U	0.019 U	0.019 U	0.02 U	0.022 U	0.025 U
AROCLOR 1221	0.027 U	0.032 U	0.019 U	0.02 U	0.019 U	0.019 U	0.02 U	0.022 U	0.025 U
AROCLOR 1232	0.027 U	0.032 U	0.019 U	0.02 U	0.019 U	0.019 U	0.02 U	0.022 U	0.025 U
AROCLOR 1242	0.027 U	0.032 U	0.019 U	0.02 U	0.019 U	0.019 U	0.02 U	0.022 U	0.025 U
AROCLOR 1248	0.027 U	0.032 U	0.019 U	0.02 U	0.019 U	0.019 U	0.02 U	0.022 U	0.025 U
AROCLOR 1254	0.027 U	0.032 U	0.019 U	0.02 U	0.019 U	0.019 U	0.02 U	0.022 U	0.025 U
AROCLOR 1260	0.027 U	0.032 U	0.019 U	0.02 U	0.019 U	0.019 U	0.02 U	.055	0.025 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-FS-6	PG-FS-6	PG-FS-7	PG-FS-7	PG-FS-8	PG-FILL-02	PG-FILL-03	PG-FILL-03	PG-FILL-03
Sample Date	11/24/00	11/24/00	12/1/00	12/1/00	11/24/00	11/3/2000	11/4/2000	11/6/2000	11/6/2000
Sample ID	PG-FS-06	PG-FS-06	PG-FS-7	PG-FS-7	PG-FS-08	PGFILL02	PGFILL03	PGFILL03	PGFILL03
Sample Depth	1-2'	4-6'	2-4'	8-10'	0-2'	0.7-3'	0.5-2'	2-4'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
4,4'-DDE	0.018 U	0.0043 U	0.021 U	0.0042 U	.0085	.011	0.0036 U	0.0037 U	0.0037 U
4,4'-DDT	0.018 U	0.0043 U	0.021 U	0.0042 U	.005	.0084	0.0036 U	0.0037 U	0.0037 U
ALDRIN	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
ALPHA-BHC	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
BETA-BHC	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
CHLORDANE	0.036 U	0.0085 U	0.042 U	0.0084 U	0.0071 U	0.0087 U	0.0072 U	0.0074 U	0.0074 U
DELTA-BHC	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
DIELDRIN	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
ENDOSULFAN I	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
ENDOSULFAN II	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
ENDOSULFAN SULFATE	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
ENDRIN	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
ENDRIN ALDEHYDE	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
ENDRIN KETONE	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
GAMMA-BHC (LINDANE)	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
HEPTACHLOR	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
HEPTACHLOR EPOXIDE	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	0.0037 U
METHOXYCHLOR	0.018 U	0.0043 U	0.021 U	0.0042 U	0.0035 U	0.0043 U	0.0036 U	0.0037 U	.0054
TOXAPHENE	0.18 U	0.043 U	0.21 U	0.042 U	0.035 U	0.043 U	0.036 U	0.037 U	0.037 U
AROCLOR 1016	0.018 U	0.021 U	0.021 U	0.021 U	0.018 U	0.022 U	0.018 U	0.019 U	0.019 U
AROCLOR 1221	0.018 U	0.021 U	0.021 U	0.021 U	0.018 U	0.022 U	0.018 U	0.019 U	0.019 U
AROCLOR 1232	0.018 U	0.021 U	0.021 U	0.021 U	0.018 U	0.022 U	0.018 U	0.019 U	0.019 U
AROCLOR 1242	0.018 U	0.021 U	0.021 U	0.021 U	0.018 U	0.022 U	0.018 U	0.019 U	0.019 U
AROCLOR 1248	0.018 U	0.021 U	0.021 U	0.021 U	0.018 U	0.022 U	0.018 U	0.019 U	0.019 U
AROCLOR 1254	.069	0.021 U	0.021 U	0.021 U	0.018 U	0.022 U	0.018 U	0.019 U	0.019 U
AROCLOR 1260	0.018 U	0.021 U	0.021 U	0.021 U	0.018 U	0.022 U	.11	.054	0.019 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-04	PG-FILL-04	PG-FILL-04	PG-FILL-04	PG-FILL-5	PG-FILL-5	PG-FILL-7	PG-FILL-7	PG-FILL-7
Sample Date	11/6/2000	11/6/2000	11/6/2000	11/6/2000	11/18/2000	11/18/2000	12/4/2000	12/4/2000	12/4/2000
Sample ID	PGFILL04	PGFILL04	PGFILL04	PGFILL04	PG-FILL-5	PG-FILL-5	PG-FILL7	PG-FILL7	PG-FILL7
Sample Depth	0-2'	2-4'	4-6'	7-8'	2-4'	6-8'	1-2.5'	2.5-4'	10-12'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
4,4'-DDE	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
4,4'-DDT	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	.02
ALDRIN	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
ALPHA-BHC	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
BETA-BHC	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
CHLORDANE	0.0078 U	0.0075 U	0.0077 U	0.0083 U	0.0072 U	0.0078 U	0.0072 U	0.0075 U	0.014 U
DELTA-BHC	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
DIELDRIN	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
ENDOSULFAN I	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
ENDOSULFAN II	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
ENDOSULFAN SULFATE	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
ENDRIN	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
ENDRIN ALDEHYDE	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	.019
ENDRIN KETONE	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
GAMMA-BHC (LINDANE)	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
HEPTACHLOR	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
HEPTACHLOR EPOXIDE	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
METHOXYCHLOR	0.0039 U	0.0037 U	0.0038 U	0.0042 U	0.0036 U	0.0039 U	0.0036 U	0.0037 U	0.0071 U
TOXAPHENE	0.039 U	0.037 U	0.038 U	0.042 U	0.036 U	0.039 U	0.036 U	0.037 U	0.071 U
AROCLOR 1016	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.019 U	0.035 U
AROCLOR 1221	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.019 U	0.035 U
AROCLOR 1232	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.019 U	0.035 U
AROCLOR 1242	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.019 U	0.035 U
AROCLOR 1248	.048	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.019 U	0.035 U
AROCLOR 1254	0.019 U	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.019 U	0.035 U
AROCLOR 1260	.05	0.019 U	0.019 U	0.021 U	0.018 U	0.019 U	0.018 U	0.019 U	.15

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-8	PG-FILL-8	PG-FILL-10	PG-FILL-10	PG-FILL-11	PG-FILL-11	PG-FILL-12	PG-FILL-13	PG-FILL-13
Sample Date	12/2/2000	12/2/2000	12/1/2000	12/1/2000	11/21/2000	11/21/2000	11/27/2000	11/30/2000	11/30/2000
Sample ID	PG-FILL08	PG-FILL08	PG-FILL10	PG-FILL10	PG-FILL11	PG-FILL11	PG-FILL12	PG-FILL13	PG-FILL13
Sample Depth	0-2'	6-8'	3-4'	6.4-8.2'	1-2'	2-3.5'	1-2'	1-3'	3-5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.004 U	0.0069 U	.0065	.92	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
4,4'-DDE	0.004 U	0.0069 U	.0046	.24	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
4,4'-DDT	.13	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
ALDRIN	0.004 U	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
ALPHA-BHC	0.004 U	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
BETA-BHC	0.004 U	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
CHLORDANE	0.0079 U	0.014 U	0.0073 U	0.16 U	0.011 U	0.0081 U	0.0088 U	0.039 U	0.0079 U
DELTA-BHC	0.004 U	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
DIELDRIN	.037	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
ENDOSULFAN I	0.004 U	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
ENDOSULFAN II	0.004 U	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
ENDOSULFAN SULFATE	0.004 U	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
ENDRIN	.089	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
ENDRIN ALDEHYDE	.11	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
ENDRIN KETONE	0.004 U	0.0069 U	0.0037 U	0.079 U	.43	0.0041 U	0.0044 U	0.02 U	0.004 U
GAMMA-BHC (LINDANE)	0.004 U	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
HEPTACHLOR	0.004 U	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
HEPTACHLOR EPOXIDE	0.004 U	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
METHOXYCHLOR	0.004 U	0.0069 U	0.0037 U	0.079 U	0.0056 U	0.0041 U	0.0044 U	0.02 U	0.004 U
TOXAPHENE	0.04 U	0.069 U	0.037 U	0.79 U	0.056 U	0.041 U	0.044 U	0.2 U	0.04 U
AROCLOR 1016	0.02 U	0.035 U	0.018 U	0.04 U	0.028 U	0.02 U	0.022 U	0.02 U	0.02 U
AROCLOR 1221	0.02 U	0.035 U	0.018 U	0.04 U	0.028 U	0.02 U	0.022 U	0.02 U	0.02 U
AROCLOR 1232	0.02 U	0.035 U	0.018 U	0.04 U	0.028 U	0.02 U	0.022 U	0.02 U	0.02 U
AROCLOR 1242	0.02 U	0.035 U	0.018 U	0.04 U	0.028 U	0.02 U	0.022 U	0.02 U	0.02 U
AROCLOR 1248	0.02 U	0.035 U	0.018 U	0.04 U	0.028 U	0.02 U	0.022 U	0.02 U	0.02 U
AROCLOR 1254	0.02 U	0.035 U	0.018 U	0.04 U	0.028 U	0.02 U	0.022 U	0.02 U	0.02 U
AROCLOR 1260	1.5	0.035 U	0.018 U	0.04 U	0.028 U	0.02 U	0.022 U	0.02 U	0.02 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-14	PG-FILL-14	PG-FILL-15	PG-FILL-15	PG-FILL-16	PG-FILL-17	PG-FILL-17	PG-FILL-20	PG-FILL-20
Sample Date	11/30/2000	11/30/2000	11/25/2000	11/25/2000	11/24/2000	11/24/2000	11/24/2000	11/2/2000	11/2/2000
Sample ID	PG-FILL14	PG-FILL14	PG-FILL15	PG-FILL15	PG-FILL16	PG-FILL-17	PG-FILL-17	PGFILL20-	PGFILL20
Sample Depth	4-6'	6-8'	4-6'	12-13'	2-4'	0-2'	2-4'	0.2-2'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0041 U	0.004 U	0.0044 U	0.0039 U	.0087	0.0037 U	0.0037 U	0.018 U	0.0063 U
4,4'-DDE	0.0041 U	0.004 U	0.0044 U	0.0039 U	.026	0.0037 U	0.0037 U	0.018 U	0.0063 U
4,4'-DDT	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
ALDRIN	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
ALPHA-BHC	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
BETA-BHC	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
CHLORDANE	0.0081 U	0.0079 U	0.0089 U	0.0078 U	0.0078 U	0.0073 U	0.0074 U	0.036 U	0.013 U
DELTA-BHC	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
DIELDRIN	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
ENDOSULFAN I	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
ENDOSULFAN II	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
ENDOSULFAN SULFATE	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
ENDRIN	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
ENDRIN ALDEHYDE	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
ENDRIN KETONE	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
GAMMA-BHC (LINDANE)	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
HEPTACHLOR	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
HEPTACHLOR EPOXIDE	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
METHOXYCHLOR	0.0041 U	0.004 U	0.0044 U	0.0039 U	0.0039 U	0.0037 U	0.0037 U	0.018 U	0.0063 U
TOXAPHENE	0.041 U	0.04 U	0.044 U	0.039 U	0.039 U	0.037 U	0.037 U	0.18 U	0.063 U
AROCLOR 1016	0.02 U	0.02 U	0.022 U	0.019 U	0.02 U	0.018 U	0.019 U	0.018 U	0.031 U
AROCLOR 1221	0.02 U	0.02 U	0.022 U	0.019 U	0.02 U	0.018 U	0.019 U	0.018 U	0.031 U
AROCLOR 1232	0.02 U	0.02 U	0.022 U	0.019 U	0.02 U	0.018 U	0.019 U	0.018 U	0.031 U
AROCLOR 1242	0.02 U	0.02 U	0.022 U	0.019 U	0.02 U	0.018 U	0.019 U	0.018 U	0.031 U
AROCLOR 1248	0.02 U	0.02 U	0.022 U	0.019 U	0.02 U	0.018 U	0.019 U	0.018 U	0.031 U
AROCLOR 1254	0.02 U	0.02 U	0.022 U	0.019 U	0.02 U	0.018 U	0.019 U	.089	0.031 U
AROCLOR 1260	0.02 U	0.02 U	0.022 U	0.019 U	0.02 U	0.018 U	0.019 U	0.018 U	0.031 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-21	PG-FILL-21
Sample Date	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/13/2000	11/13/2000
Sample ID	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL21	PGFILL21
Sample Depth	4-6'	6-8'	8-10'	10-12'	12-14'	14-15.5'	15.5-16'	2-4'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
4,4'-DDE	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
4,4'-DDT	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
ALDRIN	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
ALPHA-BHC	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
BETA-BHC	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
CHLORDANE	0.014 U	0.013 U	0.014 U	0.013 U	0.012 U	0.013 U	0.019 U	0.0069 U	0.0074 U
DELTA-BHC	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
DIELDRIN	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
ENDOSULFAN I	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
ENDOSULFAN II	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
ENDOSULFAN SULFATE	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	.069	0.0037 U
ENDRIN	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
ENDRIN ALDEHYDE	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
ENDRIN KETONE	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	.073	0.0037 U
GAMMA-BHC (LINDANE)	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
HEPTACHLOR	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
HEPTACHLOR EPOXIDE	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	0.0093 U	0.0035 U	0.0037 U
METHOXYCHLOR	0.0068 U	0.0064 U	0.0068 U	0.0064 U	0.0062 U	0.0067 U	.011	0.0035 U	0.0037 U
TOXAPHENE	0.068 U	0.064 U	0.068 U	0.064 U	0.062 U	0.067 U	0.093 U	0.035 U	0.037 U
AROCLOR 1016	0.034 U	0.032 U	0.034 U	0.032 U	0.031 U	0.033 U	0.046 U	0.017 U	0.019 U
AROCLOR 1221	0.034 U	0.032 U	0.034 U	0.032 U	0.031 U	0.033 U	0.046 U	0.017 U	0.019 U
AROCLOR 1232	0.034 U	0.032 U	0.034 U	0.032 U	0.031 U	0.033 U	0.046 U	0.017 U	0.019 U
AROCLOR 1242	0.034 U	0.032 U	0.034 U	0.032 U	0.031 U	0.033 U	0.046 U	0.017 U	0.019 U
AROCLOR 1248	0.034 U	0.032 U	0.034 U	0.032 U	0.031 U	0.033 U	0.046 U	0.017 U	0.019 U
AROCLOR 1254	0.034 U	0.032 U	0.034 U	0.032 U	0.031 U	0.033 U	0.046 U	0.017 U	0.019 U
AROCLOR 1260	0.034 U	0.032 U	0.034 U	0.032 U	0.031 U	0.033 U	0.046 U	0.017 U	0.019 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-25	PG-FILL-25	PG-FILL-25	PG-UST1-2	PG-UST1-2	PG-UST2-1	PG-UST2-1	PG-UST2-1A	PG-UST2-1B
Sample Date	12/1/2000	12/1/2000	12/1/2000	11/20/2000	11/20/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000
Sample ID	PG-FILL25	PG-FILL25	PG-FILL25	PG-UST1-2	PG-UST1-2	PG-UST2-1	PG-UST2-1	PG-UST2-1A	PG-UST2-1B
Sample Depth	0-2'	4-6'	8-10'	2-4'	12-14'	6-7'	8-10'	0-2'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0054 U	.0081	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
4,4'-DDE	.0068	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
4,4'-DDT	.01	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
ALDRIN	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
ALPHA-BHC	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
BETA-BHC	0.0054 U	.0069	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
CHLORDANE	0.011 U	0.013 U	0.0094 U	0.0072 U	0.0079 U	0.04 U	0.04 U	0.03 U	0.048 U
DELTA-BHC	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
DIELDRIN	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
ENDOSULFAN I	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
ENDOSULFAN II	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
ENDOSULFAN SULFATE	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
ENDRIN	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
ENDRIN ALDEHYDE	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
ENDRIN KETONE	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
GAMMA-BHC (LINDANE)	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
HEPTACHLOR	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
HEPTACHLOR EPOXIDE	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
METHOXYCHLOR	0.0054 U	0.0065 U	0.0047 U	0.0036 U	0.004 U	0.02 U	0.02 U	0.015 U	0.024 U
TOXAPHENE	0.054 U	0.065 U	0.047 U	0.036 U	0.04 U	0.2 U	0.2 U	0.15 U	0.24 U
AROCLOR 1016	0.027 U	0.033 U	0.023 U	0.018 U	0.02 U	0.02 U	0.02 U	0.076 U	0.024 U
AROCLOR 1221	0.027 U	0.033 U	0.023 U	0.018 U	0.02 U	0.02 U	0.02 U	0.076 U	0.024 U
AROCLOR 1232	0.027 U	0.033 U	0.023 U	0.018 U	0.02 U	0.02 U	0.02 U	0.076 U	0.024 U
AROCLOR 1242	0.027 U	0.033 U	0.023 U	0.018 U	0.02 U	0.02 U	0.02 U	0.076 U	0.024 U
AROCLOR 1248	0.027 U	0.033 U	0.023 U	0.018 U	0.02 U	0.02 U	0.02 U	0.076 U	0.024 U
AROCLOR 1254	0.027 U	0.033 U	0.023 U	0.018 U	0.02 U	0.02 U	0.02 U	0.076 U	0.024 U
AROCLOR 1260	0.027 U	0.033 U	0.023 U	0.018 U	0.02 U	0.02 U	0.02 U	.096	0.024 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST2-1B	PG-UST2-2	PG-UST2-2	PG-UST2-3	PG-UST2-3	PG-UST2-3	PG-UST4-1	PG-UST4-1	PG-UST4-1
Sample Date	11/30/2000	11/30/2000	11/30/2000	12/1/2000	12/1/2000	12/1/2000	11/20/2000	11/20/2000	11/20/2000
Sample ID	PG-UST2-1B	PG-UST2-2	PG-UST2-2	PG-UST2-3	PG-UST2-3	PG-UST2-3	PG-UST4-1	PG-UST4-1	PG-UST4-1
Sample Depth	4-5.5'	4-5.5'	10-12'	2-4'	7.5-9'	12-14'	2-4'	10-11.5'	14-15.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
4,4'-DDE	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
4,4'-DDT	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
ALDRIN	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
ALPHA-BHC	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
BETA-BHC	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
CHLORDANE	0.037 U	0.0077 U	0.043 U	0.0082 U	0.11 U	0.013 U	0.0084 U	0.0091 U	0.0087 U
DELTA-BHC	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
DIELDRIN	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
ENDOSULFAN I	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
ENDOSULFAN II	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
ENDOSULFAN SULFATE	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
ENDRIN	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
ENDRIN ALDEHYDE	0.019 U	0.0038 U	0.021 U	.0078	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
ENDRIN KETONE	0.019 U	0.0038 U	0.021 U	.0079	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
GAMMA-BHC (LINDANE)	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
HEPTACHLOR	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
HEPTACHLOR EPOXIDE	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
METHOXYCHLOR	0.019 U	0.0038 U	0.021 U	0.0041 U	0.056 U	0.0064 U	0.0042 U	0.0046 U	0.0043 U
TOXAPHENE	0.19 U	0.038 U	0.21 U	0.041 U	0.56 U	0.064 U	0.042 U	0.046 U	0.043 U
AROCLOR 1016	0.019 U	0.019 U	0.021 U	0.021 U	0.028 U	0.032 U	0.021 U	0.023 U	0.022 U
AROCLOR 1221	0.019 U	0.019 U	0.021 U	0.021 U	0.028 U	0.032 U	0.021 U	0.023 U	0.022 U
AROCLOR 1232	0.019 U	0.019 U	0.021 U	0.021 U	0.028 U	0.032 U	0.021 U	0.023 U	0.022 U
AROCLOR 1242	0.019 U	0.019 U	0.021 U	0.021 U	0.028 U	0.032 U	0.021 U	0.023 U	0.022 U
AROCLOR 1248	0.019 U	0.019 U	0.021 U	0.021 U	0.028 U	0.032 U	0.021 U	0.023 U	0.022 U
AROCLOR 1254	0.019 U	0.019 U	0.021 U	0.021 U	0.028 U	0.032 U	0.021 U	0.023 U	0.022 U
AROCLOR 1260	.031	0.019 U	0.021 U	.056	0.028 U	0.032 U	0.021 U	0.023 U	0.022 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST4-2	PG-UST4-2	PG-UST5-2	PG-UST6-2	PG-UST6-2	PG-UST6-2	PG-UST6-3	PG-UST6-3	PG-UST7-1
Sample Date	11/20/2000	11/20/2000	11/27/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000
Sample ID	PG-UST4-2	PG-UST4-2	PG-UST5-2	PG-UST6-2	PG-UST6-2	PG-UST6-2	PG-UST6-3	PG-UST6-3	PG-UST7-1
Sample Depth	4-6'	12-14'	4-6'	4-6'	8-10'	16-18'	1.5-2'	14-16'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
4,4'-DDE	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
4,4'-DDT	.081	0.005 U	.022	0.0067 U	0.0078 U	0.0081 U	.14	0.01 U	0.0039 U
ALDRIN	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
ALPHA-BHC	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
BETA-BHC	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
CHLORDANE	0.0089 U	0.01 U	0.012 U	0.013 U	0.016 U	0.016 U	0.0078 U	0.021 U	0.0078 U
DELTA-BHC	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
DIELDRIN	0.0044 U	0.005 U	.0077	0.0067 U	0.0078 U	0.0081 U	0.077	0.01 U	0.0039 U
ENDOSULFAN I	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
ENDOSULFAN II	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
ENDOSULFAN SULFATE	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
ENDRIN	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	.1	0.01 U	0.0039 U
ENDRIN ALDEHYDE	.016	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	.029	0.01 U	0.0039 U
ENDRIN KETONE	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
GAMMA-BHC (LINDANE)	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
HEPTACHLOR	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
HEPTACHLOR EPOXIDE	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.036	0.01 U	0.0039 U
METHOXYCHLOR	0.0044 U	0.005 U	0.0062 U	0.0067 U	0.0078 U	0.0081 U	0.0039 U	0.01 U	0.0039 U
TOXAPHENE	0.044 U	0.05 U	0.062 U	0.067 U	0.078 U	0.081 U	0.039 U	0.1 U	0.039 U
AROCLOR 1016	0.022 U	0.025 U	0.031 U	0.033 U	0.039 U	0.041 U	0.02 U	0.052 U	0.02 U
AROCLOR 1221	0.022 U	0.025 U	0.031 U	0.033 U	0.039 U	0.041 U	0.02 U	0.052 U	0.02 U
AROCLOR 1232	0.022 U	0.025 U	0.031 U	0.033 U	0.039 U	0.041 U	0.02 U	0.052 U	0.02 U
AROCLOR 1242	0.022 U	0.025 U	0.031 U	0.033 U	0.039 U	0.041 U	0.02 U	0.052 U	0.02 U
AROCLOR 1248	0.022 U	0.025 U	0.031 U	0.033 U	0.039 U	0.041 U	0.02 U	0.052 U	0.02 U
AROCLOR 1254	0.022 U	0.025 U	0.031 U	0.033 U	0.039 U	0.041 U	.27	0.052 U	0.02 U
AROCLOR 1260	.2	0.025 U	.069	0.033 U	0.039 U	0.041 U	0.02 U	0.052 U	0.02 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST7-1A	PG-UST7-1B	PG-UST7-2	PG-UST7-2	PG-UST9-1	PG-UST9-1	PG-WOOD-1C	PG-WOOD-3	PG-WOOD-3
Sample Date	11/28/2000	11/28/2000	11/21/2000	11/21/2000	11/25/2000	11/25/2000	11/9/2000	11/10/2000	11/10/2000
Sample ID	PG-UST7-1A	PG-UST7-1B	PG-UST7-2	PG-UST7-2	PG-UST9-1	PG-UST9-1	PG-WD-01C	PG-WD-03	PG-WD-03
Sample Depth	0-2'	2-3.5'	8-10'	10-12'	2-4'	8-10'	10-12'	0.5-2'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	.0056
4,4'-DDE	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	.014
4,4'-DDT	.36	.15	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	.012	.02
ALDRIN	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
ALPHA-BHC	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
BETA-BHC	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
CHLORDANE	0.036 U	0.038 U	0.0077 U	0.008 U	0.0079 U	0.0078 U	0.012 U	0.015 U	0.0078 U
DELTA-BHC	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
DIELDRIN	0.13	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	.0069
ENDOSULFAN I	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
ENDOSULFAN II	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
ENDOSULFAN SULFATE	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
ENDRIN	.07	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	.013
ENDRIN ALDEHYDE	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
ENDRIN KETONE	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
GAMMA-BHC (LINDANE)	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
HEPTACHLOR	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
HEPTACHLOR EPOXIDE	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
METHOXYCHLOR	0.018 U	0.019 U	0.0038 U	0.004 U	0.004 U	0.0039 U	0.0062 U	0.0074 U	0.0039 U
TOXAPHENE	0.18 U	0.19 U	0.038 U	0.04 U	0.04 U	0.039 U	0.062 U	0.074 U	0.039 U
AROCLOR 1016	0.018 U	0.019 U	0.019 U	0.02 U	0.02 U	0.02 U	0.031 U	0.019 U	0.02 U
AROCLOR 1221	0.018 U	0.019 U	0.019 U	0.02 U	0.02 U	0.02 U	0.031 U	0.019 U	0.02 U
AROCLOR 1232	0.018 U	0.019 U	0.019 U	0.02 U	0.02 U	0.02 U	0.031 U	0.019 U	0.02 U
AROCLOR 1242	0.018 U	0.019 U	0.019 U	0.02 U	0.02 U	0.02 U	0.031 U	0.019 U	0.02 U
AROCLOR 1248	0.018 U	0.019 U	0.019 U	0.02 U	0.02 U	0.02 U	0.031 U	0.019 U	0.02 U
AROCLOR 1254	.82	.34	0.019 U	0.02 U	0.02 U	0.02 U	0.031 U	0.019 U	0.02 U
AROCLOR 1260	0.018 U	0.019 U	0.019 U	0.02 U	0.02 U	0.02 U	0.031 U	.16	.3

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-WOOD-3	PG-WOOD-3	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-PA-MW-1
Sample Date	11/29/2000	11/29/2000	11/7/2000	11/7/2000	11/7/2000	11/7/00	11/7/00	11/7/00	11/22/2000
Sample ID	PG-WOOD-3	PG-WOOD-3	PG-WD-05	PG-WD-05	PG-WD-05	PG-WD-05	PG-WD-05	PG-WD-05	PG-PAMW1
Sample Depth	2-4'	6-8'	0-2'	2-4'	4-6'	6-8'	8-10'	14-16'	3-4.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.02 U	0.0065 U	0.004 U	0.004 U	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
4,4'-DDE	0.02 U	0.0065 U	0.004 U	0.004 U	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
4,4'-DDT	0.02 U	0.0065 U	0.004 U	.13	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
ALDRIN	0.02 U	0.0065 U	0.004 U	0.004 U	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
ALPHA-BHC	0.02 U	0.0065 U	0.004 U	0.004 U	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
BETA-BHC	0.02 U	0.0065 U	0.004 U	0.004 U	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
CHLORDANE	0.039 U	0.013 U	0.008 U	0.008 U	0.008 U	0.0091 U	0.011 U	0.023 U	0.011 U
DELTA-BHC	0.02 U	0.0065 U	0.004 U	0.004 U	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
DIELDRIN	0.02 U	0.0065 U	0.004 U	.027	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
ENDOSULFAN I	0.02 U	0.0065 U	0.004 U	.0047	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
ENDOSULFAN II	0.02 U	0.0065 U	0.004 U	0.004 U	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
ENDOSULFAN SULFATE	0.02 U	0.0065 U	0.004 U	0.004 U	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
ENDRIN	0.02 U	0.0065 U	0.004 U	.0089	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
ENDRIN ALDEHYDE	0.02 U	0.0065 U	0.004 U	0.004 U	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
ENDRIN KETONE	0.02 U	0.0065 U	0.004 U	.0099	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
GAMMA-BHC (LINDANE)	0.02 U	0.0065 U	0.004 U	0.004 U	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
HEPTACHLOR	0.02 U	0.0065 U	0.004 U	0.004 U	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
HEPTACHLOR EPOXIDE	0.02 U	0.0065 U	0.004 U	.0065	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
METHOXYCHLOR	0.02 U	0.0065 U	0.004 U	0.004 U	0.004 U	0.0046 U	0.0056 U	0.011 U	0.0055 U
TOXAPHENE	0.2 U	0.065 U	0.04 U	0.04 U	0.04 U	0.046 U	0.056 U	0.11 U	0.055 U
AROCLOR 1016	0.02 U	0.033 U	0.02 U	0.02 U	0.02 U	0.023 U	0.028 U	0.057 U	0.027 U
AROCLOR 1221	0.02 U	0.033 U	0.02 U	0.02 U	0.02 U	0.023 U	0.028 U	0.057 U	0.027 U
AROCLOR 1232	0.02 U	0.033 U	0.02 U	0.02 U	0.02 U	0.023 U	0.028 U	0.057 U	0.027 U
AROCLOR 1242	0.02 U	0.033 U	0.02 U	0.02 U	0.02 U	0.023 U	0.028 U	0.057 U	0.027 U
AROCLOR 1248	0.02 U	0.033 U	0.02 U	0.02 U	0.02 U	0.023 U	0.028 U	0.057 U	0.027 U
AROCLOR 1254	0.02 U	0.033 U	0.02 U	1.1	0.02 U	.049	0.028 U	0.057 U	0.027 U
AROCLOR 1260	0.02 U	0.033 U	0.02 U	0.02 U	0.02 U	0.023 U	0.028 U	0.057 U	0.027 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-1	PG-PA-MW-1	PG-PA-MW-4	PG-PA-MW-4	PG-PA-MW-5	PG-PA-MW-6	PG-MW-6	PG-MW-6	PG-MW-6
Sample Date	11/22/2000	11/22/2000	11/24/2000	11/24/2000	11/9/2000	11/7/2000	11/7/2000	11/7/2000	11/7/2000
Sample ID	PG-PAMW1	PG-PAMW1	PG-PAMW-04	PG-PAMW-04	PG-PAMW-05	PG-MWPA-06	PG-MWPA-06	PG-MWPA-06	PG-MWPA-06
Sample Depth	4.5-6'	10-12'	2-4'	6-8'	0-2'	1.5-3'	3-4.5'	4.5-6'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0069 U	0.0062 U	.013	0.0042 U	.023	0.0036 U	0.0039 U	0.0038 U	0.0042 U
4,4'-DDE	0.0069 U	0.0062 U	0.0038 U	0.0042 U	.12	.014	.0058	0.0038 U	0.0042 U
4,4'-DDT	0.0069 U	0.0062 U	.0044	0.0042 U	.14	.019	.017	0.0038 U	0.0042 U
ALDRIN	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	0.0036 U	0.0039 U	0.0038 U	0.0042 U
ALPHA-BHC	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	0.0036 U	0.0039 U	0.0038 U	0.0042 U
BETA-BHC	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	0.0036 U	0.0039 U	0.0038 U	0.0042 U
CHLORDANE	0.014 U	0.012 U	.17	0.0083 U	0.0078 U	0.0072 U	0.0078 U	0.0077 U	0.0083 U
DELTA-BHC	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	0.0036 U	0.0039 U	0.0038 U	0.0042 U
DIELDRIN	0.0069 U	0.0062 U	0.0038 U	0.0042 U	.0043	0.0036 U	0.0039 U	0.0038 U	0.0042 U
ENDOSULFAN I	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	0.0036 U	0.0039 U	0.0038 U	0.0042 U
ENDOSULFAN II	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	0.0036 U	0.0039 U	0.0038 U	0.0042 U
ENDOSULFAN SULFATE	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	0.0036 U	0.0039 U	0.0038 U	0.0042 U
ENDRIN	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	0.0036 U	0.0039 U	0.0038 U	0.0042 U
ENDRIN ALDEHYDE	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	.0054	0.0039 U	0.0038 U	0.0042 U
ENDRIN KETONE	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	.006	0.0039 U	0.0038 U	0.0042 U
GAMMA-BHC (LINDANE)	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	0.0036 U	0.0039 U	0.0038 U	0.0042 U
HEPTACHLOR	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	0.0036 U	0.0039 U	0.0038 U	0.0042 U
HEPTACHLOR EPOXIDE	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	0.0036 U	0.0039 U	0.0038 U	0.0042 U
METHOXYCHLOR	0.0069 U	0.0062 U	0.0038 U	0.0042 U	0.0039 U	0.0036 U	0.0039 U	0.0038 U	0.0042 U
TOXAPHENE	0.069 U	0.062 U	0.038 U	0.042 U	0.039 U	0.036 U	0.039 U	0.038 U	0.042 U
AROCLOR 1016	0.035 U	0.031 U	0.019 U	0.021 U	0.019 U	0.018 U	0.019 U	0.019 U	0.021 U
AROCLOR 1221	0.035 U	0.031 U	0.019 U	0.021 U	0.019 U	0.018 U	0.019 U	0.019 U	0.021 U
AROCLOR 1232	0.035 U	0.031 U	0.019 U	0.021 U	0.019 U	0.018 U	0.019 U	0.019 U	0.021 U
AROCLOR 1242	0.035 U	0.031 U	0.019 U	0.021 U	0.019 U	0.018 U	0.019 U	0.019 U	0.021 U
AROCLOR 1248	0.035 U	0.031 U	0.019 U	0.021 U	0.019 U	0.018 U	0.019 U	0.019 U	0.021 U
AROCLOR 1254	0.035 U	0.031 U	0.019 U	0.021 U	0.019 U	0.018 U	0.019 U	0.019 U	0.021 U
AROCLOR 1260	0.035 U	0.031 U	0.019 U	0.021 U	0.019 U	.095	.077	0.019 U	0.021 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-MW-6	PG-PA-MW-7	PG-PA-MW-7	PG-PA-MW-7	PG-PA-MW-7	PG-PA-MW-8	PG-PA-MW-8	PG-PA-MW-10D
Sample Date	11/7/2000	11/13/2000	11/13/2000	11/13/2000	11/13/2000	11/28/2000	11/28/2000	11/27/2000
Sample ID	PG-MWPA-06	PG-PAMW-07	PG-PAMW-07	PG-PAMW-07	PG-PAMW-07	PG-PAMW-8	PG-PAMW-8	PG-PAMW10D
Sample Depth	8.5-10'	2.5-4'	4-6'	6-8'	8-10'	0.5-2'	4-6'	0.5-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	.098	.011
4,4'-DDE	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	.0064
4,4'-DDT	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
ALDRIN	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
ALPHA-BHC	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
BETA-BHC	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
CHLORDANE	0.011 U	0.0074 U	0.0077 U	0.008 U	0.0076 U	0.036 U	0.01 U	0.0074 U
DELTA-BHC	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
DIELDRIN	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
ENDOSULFAN I	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
ENDOSULFAN II	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
ENDOSULFAN SULFATE	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
ENDRIN	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
ENDRIN ALDEHYDE	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	.8	0.0051 U	0.0037 U
ENDRIN KETONE	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
GAMMA-BHC (LINDANE)	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
HEPTACHLOR	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
HEPTACHLOR EPOXIDE	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
METHOXYCHLOR	0.0056 U	0.0037 U	0.0038 U	0.004 U	0.0038 U	0.018 U	0.0051 U	0.0037 U
TOXAPHENE	0.056 U	0.037 U	0.038 U	0.04 U	0.038 U	0.18 U	0.051 U	0.037 U
AROCLOR 1016	0.028 U	0.019 U	0.019 U	0.02 U	0.019 U	0.018 U	0.026 U	0.019 U
AROCLOR 1221	0.028 U	0.019 U	0.019 U	0.02 U	0.019 U	0.018 U	0.026 U	0.019 U
AROCLOR 1232	0.028 U	0.019 U	0.019 U	0.02 U	0.019 U	0.018 U	0.026 U	0.019 U
AROCLOR 1242	0.028 U	0.019 U	0.019 U	0.02 U	0.019 U	0.018 U	0.026 U	0.019 U
AROCLOR 1248	0.028 U	0.019 U	0.019 U	0.02 U	0.019 U	0.018 U	0.026 U	0.019 U
AROCLOR 1254	0.028 U	0.019 U	0.019 U	0.02 U	0.019 U	0.018 U	0.026 U	0.019 U
AROCLOR 1260	0.028 U	0.019 U	0.019 U	0.02 U	0.019 U	.029	.099	0.019 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-10D	PG-MW10D	PG-MW10D	PG-PA-MW-11D	PG-PA-MW-12	PG-PA-MW-12	PG-PA-MW-12
Sample Date	11/27/2000	11/27/2000	11/27/2000	11/15/2000	11/2/2000	11/2/2000	11/2/2000
Sample ID	PG-PAMW10D	PG-MW10D	PG-MW10D	PG-PAMW-11D	PG-MWPA12	PG-MWPA12	PG-MWPA12
Sample Depth	*4-6'*	*7-8'*	*8-10'*	*0-2'*	*0-1.5'*	*1.5-2.4'*	*6-8'*
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	.014	.67	0.0051 U	.0048	0.0075 U	0.0056 U	0.0071 U
4,4'-DDE	.0077	.082	0.0051 U	.1	.0086	0.0056 U	0.0071 U
4,4'-DDT	.0063	0.023 U	0.0051 U	.086	0.0075 U	0.0056 U	0.0071 U
ALDRIN	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
ALPHA-BHC	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
BETA-BHC	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
CHLORDANE	.029	.22	0.01 U	0.0072 U	0.015 U	0.011 U	0.014 U
DELTA-BHC	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
DIELDRIN	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
ENDOSULFAN I	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
ENDOSULFAN II	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
ENDOSULFAN SULFATE	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
ENDRIN	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
ENDRIN ALDEHYDE	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
ENDRIN KETONE	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
GAMMA-BHC (LINDANE)	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
HEPTACHLOR	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
HEPTACHLOR EPOXIDE	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
METHOXYCHLOR	0.0038 U	0.023 U	0.0051 U	0.0036 U	0.0075 U	0.0056 U	0.0071 U
TOXAPHENE	0.038 U	0.23 U	0.051 U	0.036 U	0.075 U	0.056 U	0.071 U
AROCLOR 1016	0.019 U	0.023 U	0.026 U	0.018 U	0.019 U	0.028 U	0.035 U
AROCLOR 1221	0.019 U	0.023 U	0.026 U	0.018 U	0.019 U	0.028 U	0.035 U
AROCLOR 1232	0.019 U	0.023 U	0.026 U	0.018 U	0.019 U	0.028 U	0.035 U
AROCLOR 1242	0.019 U	0.023 U	0.026 U	0.018 U	0.019 U	0.028 U	0.035 U
AROCLOR 1248	0.019 U	0.023 U	0.026 U	0.018 U	0.019 U	0.028 U	0.035 U
AROCLOR 1254	0.019 U	0.023 U	0.026 U	0.018 U	0.019 U	0.028 U	0.035 U
AROCLOR 1260	.031	.25	0.026 U	0.018 U	0.019 U	0.028 U	0.035 U

Table 5C
Soil Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-12	PG-PA-MW-13	PG-PA-MW-13	PG-PA-MW-14D	PG-PA-MW-14D
Sample Date	11/2/2000	11/15/2000	11/20/2000	11/15/2000	11/17/2000
Sample ID	PG-MWPA12	PG-PAMW-13	PG-PAMW13	PG-PAMW-14D	PAMW14D
Sample Depth	18-20'	1-2.5'	2.5-4'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
4,4'-DDE	0.0076 U	0.021 U	.015	0.004 U	0.0047 U
4,4'-DDT	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
ALDRIN	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
ALPHA-BHC	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
BETA-BHC	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
CHLORDANE	0.015 U	0.042 U	0.008 U	0.0079 U	0.0094 U
DELTA-BHC	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
DIELDRIN	0.0076 U	0.021 U	.0056	0.004 U	0.0047 U
ENDOSULFAN I	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
ENDOSULFAN II	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
ENDOSULFAN SULFATE	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
ENDRIN	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
ENDRIN ALDEHYDE	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
ENDRIN KETONE	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
GAMMA-BHC (LINDANE)	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
HEPTACHLOR	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
HEPTACHLOR EPOXIDE	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
METHOXYCHLOR	0.0076 U	0.021 U	0.004 U	0.004 U	0.0047 U
TOXAPHENE	0.076 U	0.21 U	0.04 U	0.04 U	0.047 U
AROCLOR 1016	0.038 U	0.021 U	0.02 U	0.02 U	0.023 U
AROCLOR 1221	0.038 U	0.021 U	0.02 U	0.02 U	0.023 U
AROCLOR 1232	0.038 U	0.021 U	0.02 U	0.02 U	0.023 U
AROCLOR 1242	0.038 U	0.021 U	0.02 U	0.02 U	0.023 U
AROCLOR 1248	0.038 U	0.021 U	0.02 U	0.02 U	0.023 U
AROCLOR 1254	0.038 U	0.021 U	.066	0.02 U	0.023 U
AROCLOR 1260	0.038 U	.31	0.02 U	.069	0.023 U

Table 5D
Soil Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	**PG-A-1**	**PG-A-2**	**PG-A-2**	**PG-A-3**	**PG-A-3**	**PG-A-3**	**PG-A-4**	**PG-A-4**	**PG-A-5**
Sample Date	12/2/2000	11/29/2000	11/29/2000	11/16/2000	11/16/2000	11/16/2000	11/16/2000	11/16/2000	11/14/2000
Sample ID	PG-A-01	PG-A-02	PG-A-02	PG-A-03	PG-A-03	PG-A-03	PG-A-04	PG-A-04	PG-A-05
Sample Depth	2-4'	0-2'	2-4'	2.4-4'	6-8'	10-12'	6-8'	12-14'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	2400	1400	1600 U	14000	8000	10000	1200 U	22000	1500
ANTIMONY	3.8	1.5 U	2.7 U	3.6 U	2.8 U	2.5 U	2 U	3.1 U	1.8 U
ARSENIC	73	2.1 U	36	5 U	5.4	3.4 U	19	8.9	21
BARIUM	78	11	20	97	190	73	21	360	30
BERYLLIUM	.85	0.42 U	0.75 U	2.2	5.3	1.6	0.55 U	2.2	0.49 U
CADMIUM	0.37 U	0.32 U	0.57 U	0.75 U	0.59 U	0.51 U	0.41 U	0.64 U	0.37 U
CALCIUM METAL	8100	9800	340000	33000	27000	34000	1400 U	20000	1200 U
CHROMIUM	120	5.5	7.5 U	130	39	22	7.9	13	4.9 U
COBALT	4.7	1.7 U	3.1 U	12	19	61	3	13	3.5
COPPER	110	7.4	7.2 U	42	25	28	22	69	20
IRON	38000	4600	4500 U	9600	13000	11000	3200 U	26000	7600
LEAD	330	10	7.5 U	21	21	22	10	22	16
MAGNESIUM	1400	1700	1700	12000	2800	7400	810 U	7600	730 U
MANGANESE	170	77	31 U	230	520	470	22 U	150	30
NICKEL	69	4.4	4.6 U	93	44	23	9.4	36	8.7
POTASSIUM	140	190	210 U	17000	4100	5100	550 U	19000	490 U
SELENIUM	4.5	2.6 U	4.7 U	6.2 U	4.9 U	4.2 U	3.4 U	5.3 U	3.1 U
SILVER	0.62 U	0.53 U	0.94 U	1.2 U	0.98 U	0.85 U	1.7	6.3	0.62 U
SODIUM	500 U	420 U	2900	64000	73000	48000	860	26000	490 U
THALLIUM	1.5 U	1.3 U	2.3 U	3 U	2.4 U	2 U	1.6 U	2.6 U	1.5 U
VANADIUM	62	11 U	19 U	32	31	19	15	40	12 U
ZINC	400	17	31	70	71	54	14 U	200	23
MERCURY	.37	0.15 U	0.27 U	0.35 U	.33	0.24 U	0.19 U	0.3 U	0.18 U

Table 5D
Soil Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-A-6	PG-B-1	PG-B-1	PG-B-1	PG-B-02	PG-B-02	PG-B-02A	PG-B-3	PG-B-3
Sample Date	11/10/2000	12/4/2000	12/4/2000	12/4/2000	11/16/2000	11/16/2000	11/16/2000	12/4/2000	12/4/2000
Sample ID	PG-A-06	PG-B-01	PG-B-01	PG-B-01	PG-B-02	PG-A-02	PG-B-02A	PG-B-03	PG-B-03
Sample Depth	1-3'	2-4'	6-8'	9-10'	2-4'	6-8'	8-10'	2-4'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	4100	3300	8500	3700	2600	2000	1500	35000	15000
ANTIMONY	4.1	1.6 U	1.7 U	1.8 U	1.7 U	2 U	1.9 U	2.8	2.4 U
ARSENIC	52	8.5	2.4 U	4.7	4.6	3.6	3.6	4.6	4
BARIUM	210	60	120	47	43	57	31	230	350
BERYLLIUM	2.1	0.45 U	.56	0.51 U	0.47 U	0.56 U	0.53 U	.79	2.2
CADMIUM	0.41 U	0.34 U	0.36 U	0.38 U	0.35 U	0.42 U	14	0.42 U	0.49 U
CALCIUM METAL	35000	18000	1300	1300 U	9600	3800	6000	15000	3700
CHROMIUM	33	7.5	18	9.1	7.1	5.6 U	5.3 U	40	18
COBALT	16	4.7	10	3.8	2.5	2.3 U	2.2 U	13	11
COPPER	360	37	13	15	17	17	17	73	57
IRON	29000	16000	22000	13000	7800	4800	9400	28000	9000
LEAD	630	31	14	7.5	20	6.7	27	200	10
MAGNESIUM	5600	1700	4100	890	690 U	820 U	780 U	2500	3400
MANGANESE	180	120	340	56	69	22 U	110	150	59
NICKEL	200	13	19	5.7	11	7.4	6.7	53	19
POTASSIUM	540 U	1100	1500	510 U	560	560 U	530 U	5700	6200
SELENIUM	4.1	3	3 U	3.2 U	2.9 U	3.5 U	3.3 U	3.5 U	4.1 U
SILVER	0.68 U	1	.63	0.63 U	.68	0.69 U	0.66 U	6.6	6.7
SODIUM	540 U	1200	1700	510 U	470 U	560 U	530 U	15000	5400
THALLIUM	1.6 U	1.4 U	1.4 U	1.5 U	1.4 U	1.7 U	1.6 U	1.7 U	2 U
VANADIUM	24	14	28	20	12 U	14 U	13 U	14 U	23
ZINC	1800	31	51	26	12 U	35	1100	170	30
MERCURY	.75	0.16 U	0.17 U	0.18 U	0.17 U	0.2 U	0.19 U	.48	0.23 U

Table 5D
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Location	**PG-B-4**	**PG-D-1**	**PG-D-1**	**PG-D-1**	**PG-D-2**	**PG-D-2**	**PG-D-3**	**PG-D-4**	**PG-D-4A**
Sample Date	12/4/2000	12/1/2000	12/1/2000	12/1/2000	12/4/2000	12/4/2000	12/1/2000	12/2/2000	12/2/2000
Sample ID	PG-B-04	PG-D-01	PG-D-01	PG-D-01	PG-D-02	PG-D-02	PG-D-03	PG-D-04	PG-D-4A
Sample Depth	2-4'	0-2'	6-8'	18-20'	0-2'	6-8'	1-3'	0-2'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	4400	2800	1700	1300	3100	4300	4300	2200	5700
ANTIMONY	3.9	3.1	2 U	2.8 U	2.9	2.1 U	1.7 U	14	1.9 U
ARSENIC	37	110	11	3.8 U	44	14	27	68	5
BARIUM	170	190	48	85	210	130	130	260	46
BERYLLIUM	1.1	.5	0.56 U	0.77 U	1.1	0.58 U	0.46 U	.55	.86
CADMIUM	0.35 U	.39	0.42 U	0.58 U	0.33 U	0.43 U	0.34 U	0.35 U	0.39 U
CALCIUM METAL	19000	5900	1400 U	310000	6600	30000	25000	1500	1900
CHROMIUM	19	18	5.6 U	7.7 U	33	9.1	19	6.7	10
COBALT	10	8.6	2.3 U	3.2 U	7.9	4.6	6.2	2.8	7.1
COPPER	210	140	19	17	160	33	72	56	29
IRON	20000	29000	7000	4500 U	20000	27000	16000	16000	17000
LEAD	230	230	8.4	21	230	49	90	1700	38
MAGNESIUM	8800	1800	510 U	4700	1100	4200	14000	640	2400
MANGANESE	210	170	23 U	59	140	73	180	92	140
NICKEL	600	36	6.9	4.7 U	43	17	35	7.4	11
POTASSIUM	580	230	150 U	270	440 U	580 U	370	280	1200
SELENIUM	2.9 U	3.8	3.5 U	4.8 U	2.9	3.6 U	2.9 U	2.9 U	3.2 U
SILVER	0.59 U	.66	0.7 U	0.96 U	0.55 U	0.72 U	0.57 U	.61	0.65 U
SODIUM	470 U	490 U	560 U	7300	440 U	830	460 U	470 U	2800
THALLIUM	1.4 U	1.5 U	1.7 U	2.3 U	1.3 U	1.7 U	1.4 U	1.4 U	1.6 U
VANADIUM	36	46	14 U	19 U	28	16	35	13	26
ZINC	580	290	31	27	500	79	130	74	42
MERCURY	.34	.54	0.2 U	0.27 U	.21	0.21 U	.26	.67	0.18 U

Table 5D
Soil Analytical Results
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Location	**PG-E-1**	**PG-E-1**	**PG-E-1**	**PG-F1-3**	**PG-F1-3**	**PG-F2-2**	**PG-F2-2**	**PG-G-2**	**PG-G-2**
Sample Date	11/13/2000	11/13/2000	11/13/2000	11/10/2000	11/10/2000	11/20/2000	11/20/2000	11/21/2000	11/21/2000
Sample ID	PG-E-01	PG-E-01	PG-E-01	PG-F1-3	PG-F1-3	PG-F2-2	PG-F2-2	PG-G-02	PG-G-02
Sample Depth	0.2-2'	4-6'	10-12'	1-3'	3-5'	2-4'	8-10'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	4500	1900	7300	3500	1900	2300	6400	4000	3600
ANTIMONY	1.6 U	1.7 U	2.7 U	1.7 U	2.9 U	1.6 U	1.7 U	6.9	2.8 U
ARSENIC	6.4	5.3	12	12	4 U	2.2 U	2.3 U	240	29
BARIUM	93	44	390	100	20 U	15	17	280	500
BERYLLIUM	.63	0.47 U	1.9	.82	0.8 U	0.43 U	0.47 U	1.7	1.8
CADMIUM	0.34 U	0.35 U	0.57 U	2.5	0.6 U	0.33 U	0.35 U	.45	0.58 U
CALCIUM METAL	8300	3800	7400	44000	370000	1100 U	2300	11000	15000
CHROMIUM	8.5	4.7 U	7.5 U	25	14	4.3 U	5.9	38	7.7 U
COBALT	6.8	3.1	3.1 U	7.5	3.3 U	1.8 U	1.9 U	15	6.7
COPPER	100	60	28	50	8.3	20	4.4 U	410	210
IRON	16000	8300	23000	11000	4700 U	6100	12000	45000	54000
LEAD	170	70	70	63	8.7	9.1	4.7 U	820	140
MAGNESIUM	3500	850	2300	3900	5500	640 U	710	4800	2300
MANGANESE	190	54	84	240	34	24	110	330	340
NICKEL	32	36	7.2	99	7.9	2.7 U	4.6	380	83
POTASSIUM	810	470 U	2200	550	800 U	430 U	910	470 U	770 U
SELENIUM	2.8 U	2.9 U	4.7 U	3 U	5 U	2.7 U	2.9 U	3	4.9
SILVER	0.57 U	.66	0.94 U	0.6 U	1 U	0.54 U	0.58 U	0.58 U	0.96 U
SODIUM	450 U	470 U	17000	480 U	2800	430 U	470 U	470 U	770 U
THALLIUM	1.4 U	1.4 U	2.3 U	1.4 U	4	1.3 U	1.4 U	1.4 U	2.3 U
VANADIUM	19	12 U	19 U	34	20 U	11 U	12 U	25	19 U
ZINC	540	990	120	270	20 U	22	25	1100	1100
MERCURY	.24	1.2	0.27 U	0.17 U	0.28 U	0.15 U	.17 U	.25	0.27 U

Table 5D
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Location	PG-G-2	PG-G-3	PG-G-4	PG-G-5	PG-G-5A	PG-G-6	PG-G-6	PG-G7(N)	PG-G7(N)
Sample Date	11/21/2000	11/27/2000	11/29/2000	12/1/2000	12/1/2000	12/1/2000	12/1/2000	11/21/2000	11/21/2000
Sample ID	PG-G-02	PG-G-03	PG-G-04	PG-G-05	PG-G-5A	PG-G-06	PG-G-06	PG-G-7N	PG-G-7N
Sample Depth	6-8'	0-2'	6-8'	4-6'	8-10'	4-6'	6-8'	8-10'	10-12'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	3600	4500	2800	2200	2200	790	5700	1500	2400
ANTIMONY	1.8 U	1.7 U	1.9 U	1.8 U	1.8 U	1.7 U	1.8 U	1.7 U	1.8 U
ARSENIC	4	20	8.5	5.9	4.2	52	9.2	2.3 U	3.3
BARIUM	38	150	15	23	20	40	12 U	45	22
BERYLLIUM	0.49 U	.85	0.52 U	.51	0.49 U	0.47 U	0.49 U	0.46 U	0.49 U
CADMIUM	0.37 U	0.36 U	0.39 U	0.37 U	0.37 U	0.35 U	0.37 U	0.34 U	0.37 U
CALCIUM METAL	1200 U	24000	1300 U	1200 U	1200 U	4300	1200 U	14000	1200 U
CHROMIUM	6.5	9.4	7.3	5.4	4.9 U	6.2	9.2	7.8	5.5
COBALT	2 U	4.8	6.4	4.2	2 U	1.9 U	2 U	1.9 U	3.2
COPPER	12	110	14	12	4.7 U	36	12	16	9
IRON	11000	14000	19000	11000	6200	8200	15000	13000	7000
LEAD	5.8	170	26	5.4	4.9 U	87	6.2	72	7.7
MAGNESIUM	730 U	10000	770 U	450 U	450 U	2000	580	1800	730 U
MANGANESE	36	120	420	34	20 U	45	32	93	33
NICKEL	3.3	41	5.1	4.4	3 U	15	5	12	3.6
POTASSIUM	490 U	480 U	350	140	130 U	130 U	190	460 U	490 U
SELENIUM	3.1 U	3 U	3.2 U	3.1 U	3.1 U	2.9 U	3.1 U	2.9 U	3.1 U
SILVER	0.62 U	0.6 U	0.65 U	0.62 U	0.62 U	.62	0.62 U	0.57 U	0.62 U
SODIUM	490 U	480 U	520 U	490 U	490 U	460 U	490 U	460 U	490 U
THALLIUM	1.5 U	1.4 U	1.6 U	1.5 U	1.5 U	1.4 U	1.5 U	1.4 U	1.5 U
VANADIUM	14	15	15	15	15	12 U	20	11 U	12 U
ZINC	23	480	45	26	12 U	29	20	52	67
MERCURY	0.18 U	0.17 U	0.18 U	0.18 U	0.18 U	.21	0.18 U	0.16 U	0.18 U

Table 5D
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Location	PG-G-8	PG-G-8	PG-G-9	PG-G-10	PG-H/R-1	PG-H/R-1	PG-H/R-2	PG-H/R-2	PG-H/R-3
Sample Date	11/30/2000	11/30/2000	11/28/2000	11/28/2000	12/2/2000	12/2/2000	11/10/2000	11/10/2000	11/10/2000
Sample ID	PG-G-08	PG-G-08	PG-G-09	PG-G-10	PG-H/R-01	PG-H/R-01	PG-H/R-2	PG-H/R-2	PG-H/R-3
Sample Depth	1-2'	6-7'	4-6'	2-4'	1-3'	3-4.5'	0-1.5'	1.5-3.5'	0.3-1'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	2200	4900	1400	3600	3300	1100	4300	1500 U	3700
ANTIMONY	1.6 U	1.7 U	1.7 U	1.6 U	2 U	2.9 U	1.6 U	2.6 U	1.9
ARSENIC	52	5.5	3.2	39	11	4 U	21	3.6 U	120
BARIUM	36	15	12 U	110	72	20 U	120	18 U	180
BERYLLIUM	0.43 U	.61	0.48 U	1.1	0.55 U	0.8 U	.59	0.71 U	.89
CADMIUM	0.32 U	0.36 U	0.36 U	0.34 U	0.41 U	0.6 U	.35	0.54 U	.44
CALCIUM METAL	7800	690	84000	5500	230000	360000	23000	390000	27000
CHROMIUM	7.5	7.5	4.8 U	29	5.5 U	8 U	34	7.1 U	46
COBALT	2.3	5.1	2 U	5.8	2.3 U	3.3 U	5.4	2.9 U	5.5
COPPER	41	5.7	9.9	94	19	7.6 U	57	6.8 U	120
IRON	19000	18000	3500	12000	15000	1500	16000	4200 U	23000
LEAD	37	4.9	7	290	29	8 U	100	7.1 U	190
MAGNESIUM	4400	700	45000	2500	3900	3500	4100	3100	9300
MANGANESE	190	110	57	330	58	57	200	30	130
NICKEL	18	6.4	2.9 U	34	33	4.9 U	62	4.4 U	49
POTASSIUM	220	360	480 U	520	190	220 U	450 U	710 U	480 U
SELENIUM	2.7 U	3 U	3 U	2.8 U	3.4 U	5 U	2.8 U	4.5 U	4
SILVER	.91	0.6 U	0.6 U	0.56 U	0.68 U	1 U	0.57 U	0.89 U	0.6 U
SODIUM	430 U	480 U	480 U	450 U	1500	2600	970	2400	480 U
THALLIUM	1.3 U	1.4 U	1.4 U	1.3 U	1.6 U	2.4 U	1.4 U	3.4	1.4 U
VANADIUM	19	22	12 U	20	26	20 U	110	130	71
ZINC	63	30	19	290	1100	32	330	18 U	390
MERCURY	0.15 U	0.17 U	0.17 U	0.16 U	0.19 U	0.28 U	.26	0.25 U	.83

Table 5D
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Location	PG-H/R-3	PG-I-1	PG-I-1	PG-K-1	PG-K-1	PG-K-2	PG-K-2	PG-L-1	PG-L-1
Sample Date	11/10/2000	11/13/2000	11/13/2000	11/9/2000	11/9/2000	11/29/2000	11/29/2000	12/1/2000	12/1/2000
Sample ID	PG-H/R-3	PG-I-01	PG-I-01	PG-K-01	PG-K-01	PG-K-02	PG-K-02	PG-L-01	PG-L-01
Sample Depth	1-3'	0-2'	2-4'	2-4'	5-6'	0-2.5'	2.5-4'	2-4'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	1500 U	6100	1400 U	1600	4700	7800	4400	8400	4100
ANTIMONY	2.5 U	1.8 U	2.4 U	5.4	2 U	1.6	2 U	3.5 U	1.8 U
ARSENIC	3.8	11	3.3 U	69	8.8	46	210	4.8 U	7
BARIUM	18 U	790	25	54	48	200	160	240	20
BERYLLIUM	0.7 U	0.49 U	0.66 U	0.56 U	0.56 U	1.2	.92	7.7	.57
CADMIUM	0.53 U	.45	0.49 U	0.42 U	0.42 U	.87	0.42 U	0.71 U	0.38 U
CALCIUM METAL	360000	31000	270000	2600	1400 U	18000	4800	15000	2500
CHROMIUM	7 U	21	6.6 U	11	7.8	27	16	16	6.6
COBALT	2.9 U	4.8	2.7 U	4.3	3.8	12	5.1	31	2.1 U
COPPER	6.7 U	130	6.2 U	240	44	120	83	22	6.7
IRON	4100 U	10000	3900 U	19000	7200	30000	34000	8500	13000
LEAD	7 U	450	6.6 U	54	19	130	110	35	9.4
MAGNESIUM	4100	7600	1200	1800	830 U	10000	1100	2600	1800
MANGANESE	62	420	27 U	77	23 U	210	130	350	49
NICKEL	4.3 U	74	4 U	18	8.3	110	32	74	6.1
POTASSIUM	700 U	2100	660 U	560 U	560 U	2200	230	900	320
SELENIUM	4.4 U	3 U	4.1 U	5.4	3.5 U	3.6	3.5 U	6 U	3.2 U
SILVER	0.88 U	1.5	0.82 U	1	0.7 U	.83	.72	1.2 U	0.63 U
SODIUM	2200	1400	1500	560 U	560 U	430 U	550 U	15000	890
THALLIUM	3.8	1.5 U	2 U	1.7 U	1.7 U	1.3 U	1.7 U	2.9 U	1.5 U
VANADIUM	18 U	19	16 U	22	14 U	110	39	24 U	14
ZINC	18 U	750	16 U	93	26	300	87	100	17
MERCURY	0.25 U	.44	0.23 U	.41	0.2 U	1.2	.38	0.34 U	0.18 U

Table 5D
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Location	**PG-L-2**	**PG-L-2**	**PG-L3(FILL)**	**PG-L3(FILL)**	**PG-L3(FILL)**	**PG-L-4**	**PG-L-4**	**PG-L-5**	**PG-L-5**
Sample Date	11/8/2000	11/8/2000	11/24/2000	11/24/2000	11/24/2000	12/2/2000	12/2/2000	12/2/2000	12/2/2000
Sample ID	PG-L-02	PG-L-02	PG-L3FILL	PG-L3FILL	PG-L3FILL	PG-L-04	PG-L-04	PG-L-05	PG-L-05
Sample Depth	8-10'	10-12'	2-4'	8-10'	12-14'	0-2'	6-8'	2-3.8'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	3300	4800	6600	2600	3500	2500	11000	3200	4000
ANTIMONY	2.8 U	1.7 U	2.7	1.7 U	1.8 U	1.6 U	1.8 U	1.6 U	1.7 U
ARSENIC	4.6	6.4	32	4.7	6.1	5.8	3	11	6.8
BARIUM	220	12 U	250	27	76	18	200	55	190
BERYLLIUM	4.4	.59	4.7	0.48 U	0.71	0.69	1.4	0.58	0.93
CADMIUM	0.59 U	0.36 U	0.38 U	0.36 U	0.37 U	0.32 U	0.37 U	0.34 U	0.36 U
CALCIUM METAL	9300	1200 U	21000	1200 U	1300	1000	2800	990	1700
CHROMIUM	7.8 U	10	31	6.2	7.5	6.1	19	7.8	8.8
COBALT	21	2 U	21	2.9	6.9	2.4	12	3.5	6
COPPER	20	11	500	4.6 U	130	12	22	110	35
IRON	6300	16000	23000	13000	16000	9200	28000	10000	11000
LEAD	34	5.4	620	7	57	6.3	14	38	57
MAGNESIUM	1200 U	710 U	5500	710 U	920	950	5100	560	930
MANGANESE	330	35	240	68	160	65	750	150	120
NICKEL	79	7.5	230	10	38	4	25	8.5	17
POTASSIUM	780 U	480 U	680	480 U	540	260	1800	270	400
SELENIUM	4.9 U	3 U	3.2 U	3 U	3.1 U	2.7 U	3.1 U	2.8 U	3 U
SILVER	0.98 U	0.6 U	0.76	0.6 U	0.62 U	0.56	0.67	0.56 U	0.6 U
SODIUM	12000	510	510 U	480 U	500 U	430 U	490 U	450 U	480 U
THALLIUM	2.4 U	1.4 U	1.5 U	1.4 U	1.5 U	1.3 U	1.5 U	1.3 U	1.4 U
VANADIUM	20 U	24	32	14	19	16	37	26	20
ZINC	68	18	1400	39	240	23	60	55	60
MERCURY	0.28 U	0.17 U	0.18U	0.17 U	0.32	0.15 U	0.18 U	0.16 U	0.17 U

Table 5D
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Location	PG-L-6	PG-L-6	PG-M-01	PG-M-01	PG-M-2	PG-M-2	PG-M-3	PG-M-4	PG-M-4
Sample Date	11/8/2000	11/8/2000	11/25/2000	11/25/2000	11/27/2000	11/27/2000	11/27/2000	11/22/2000	11/22/2000
Sample ID	PG-L-06	PG-L-06	PG-M-01	PG-M-01	PG-M-02	PG-M-02	PG-M-03	PG-M-04	PG-M-04
Sample Depth	6-7.5'	7.5-8'	0-2'	4-6'	2-4'	4-6'	2-4'	2-4'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	4300	2200	3800	1300	1200	1200 U	2800	5100	3400
ANTIMONY	2.8 U	1.6 U	350	2	1.8 U	2.1 U	1.6 U	1.7 U	1.7 U
ARSENIC	12	10	110	35	17	13	34	7.8	3.3
BARIUM	320	21	76	40	33	15 U	67	17	13
BERYLLIUM	5	0.45 U	0.44 U	0.51 U	0.51 U	0.59 U	.59	0.48 U	0.47 U
CADMIUM	0.59 U	0.34 U	0.33 U	0.38 U	0.38 U	0.44 U	0.34 U	0.36 U	0.35 U
CALCIUM METAL	9800	1100 U	15000	5300	2100	1500 U	7600	1200 U	1200 U
CHROMIUM	7.8 U	4.5 U	9	5.1 U	5.7	5.9 U	8.6	10	7.6
COBALT	22	1.9 U	4.7	2.1 U	2.1 U	2.4 U	4.8	24	2.9
COPPER	19	8.5	64	54	49	40	47	6.1	4.5 U
IRON	6600	15000	18000	7800	6100	3500 U	14000	14000	12000
LEAD	35	15	2400	47	170	92	160	5.7	4.7 U
MAGNESIUM	1200 U	670 U	7100	2900	750 U	870 U	3900	710 U	740
MANGANESE	350	25	170	41	21 U	24 U	130	62	90
NICKEL	51	4.5	43	10	5.6	8	14	4.3	3.2
POTASSIUM	780 U	450 U	440 U	510 U	510 U	590 U	450 U	630	680
SELENIUM	4.9 U	2.8 U	2.8 U	3.2 U	3.2 U	3.7 U	2.8 U	3 U	2.9 U
SILVER	0.98 U	0.57 U	1.4	.83	.67	0.74 U	0.56 U	0.6 U	0.59 U
SODIUM	11000	1100	440 U	510 U	510 U	590 U	450 U	480 U	470 U
THALLIUM	2.4 U	1.4 U	1.3 U	1.5 U	1.5 U	1.8 U	1.3 U	1.4 U	1.4 U
VANADIUM	20 U	13	23	13 U	15	15 U	16	17	14
ZINC	57	14	91	33	13 U	15 U	52	22	17
MERCURY	0.28 U	0.16 U	0.16 U	0.18 U	0.18 U	0.21 U	0.16 U	0.17 U	0.17 U

Table 5D
Soil Analytical Results
Metals
Port Ivory Site
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Location	PG-M-5	PG-P-1	PG-P-1	PG-P-2	PG-P-2	PG-P-3	PG-P-3	PG-PD-1	PG-PD-1
Sample Date	11/30/2000	11/22/2000	11/22/2000	11/30/2000	11/30/2000	11/22/2000	11/22/2000	11/21/2000	11/21/2000
Sample ID	PG-M-05	PG-P-01	PG-P-01	PG-P-02	PG-P-02	PG-P-03	PG-P-03	PG-PD-01	PG-PD-01
Sample Depth	6-6.5'	2-4'	8-10'	2-4'	4-6'	2-4'	6-8'	2-4'	10-12'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	5000	2200	5200	2600	3100	8700	7400	4700 U	1100
ANTIMONY	1.8 U	1.6 U	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	8.1 U	1.8 U
ARSENIC	7.5	2.5	2.5 U	4.2	3.1	2.3 U	2.3 U	13	2.5 U
BARIUM	17	18	20	19	21	73	58	170	13
BERYLLIUM	0.49 U	0.43 U	0.51 U	0.47 U	0.48 U	.78	.73	2.2 U	0.51 U
CADMIUM	0.37 U	0.33 U	0.38 U	0.35 U	0.36 U	0.34 U	0.34 U	1.7 U	0.38 U
CALCIUM METAL	610 U	1100 U	1300 U	580 U	600 U	3400	45000	16000	1300 U
CHROMIUM	8.5	5.2	10	4.7 U	5.6	18	16	22 U	5.1 U
COBALT	2 U	2.2	3.1	1.9 U	2 U	10	9.2	9.3 U	2.1 U
COPPER	5.5	13	5.6	82	4.5 U	16	6.1	92	5.8
IRON	12000	7200	12000	5100	9000	20000	18000	13000 U	4500
LEAD	6.7	21	7.9	17	4.8 U	12	14	80	5.1 U
MAGNESIUM	440 U	640 U	1100	420 U	450	4900	5000	3300 U	750 U
MANGANESE	21	66	47	38	27	860	1300	91 U	21 U
NICKEL	4.2	4.6	5.4	14	3.3	23	21	23	3.1 U
POTASSIUM	260	430 U	520	140	250	1900	2500	450 U	510 U
SELENIUM	3 U	2.7 U	3.2 U	2.9 U	3 U	2.9 U	2.9 U	14 U	3.2 U
SILVER	0.61 U	0.54 U	0.63 U	0.58 U	0.6 U	0.57 U	0.57 U	2.8 U	0.63 U
SODIUM	490 U	430 U	510 U	460 U	480 U	460 U	460 U	450 U	510 U
THALLIUM	1.5 U	1.3 U	1.5 U	1.4 U	1.4 U	1.4 U	1.4 U	6.7 U	1.5 U
VANADIUM	16	11 U	19	12 U	12 U	25	26	56 U	13 U
ZINC	20	40	23	64	14	53	42	240	17
MERCURY	0.17 U	0.15 U	0.18 U	0.17 U	0.17 U	0.16 U	0.16 U	0.16 U	0.18 U

Table 5D
Soil Analytical Results
Metals
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Location	PG-PD-3	PG-PD-4	PG-PD-5	PG-PD-5	PG-PD-6	PG-PD-6	PG-PD-8	PG-PD-8	PG-PD-8
Sample Date	11/29/2000	12/2/2000	12/2/2000	12/2/2000	11/21/2000	11/21/2000	11/29/2000	11/29/2000	11/29/2000
Sample ID	PG-PD-3	PG-PD-4	PG-PD-5	PG-PD-5	PG-PD-06	PG-PD-06	PG-PD-8	PG-PD-8	PG-PD-8
Sample Depth	4-6'	8-10'	0.7-1.5'	2-4'	6-8'	12-14'	2-4'	8-10'	16-17'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	8600	7200	4200	4400	3600	5500	3200	4100	4200
ANTIMONY	1.8 U	1.8 U	1.6 U	1.6 U	3.1 U	5.6 U	2 U	1.9 U	2.9 U
ARSENIC	2.5 U	2.4 U	9.3	2.2 U	4.3 U	14	3.3	20	13
BARIUM	38	47	50	66	27	160	40	82	72
BERYLLIUM	0.72	.89	.57	.8	0.85 U	1.5 U	0.56 U	.93	0.8 U
CADMIUM	0.37 U	0.37 U	0.34 U	0.34 U	0.64 U	51	0.42 U	0.4 U	0.6 U
CALCIUM METAL	15000	1100	47000	27000	270000	150000	5200	1300 U	3900
CHROMIUM	19	13	17	11	10	15 U	7.4	25	16
COBALT	8.8	9.1	4.1	5.7	3.5 U	6.3 U	2.3 U	9.1	8.5
COPPER	12	29	72	9.5	13	560	11	52	110
IRON	22000	17000	14000	14000	5000 U	9300	4100	81000	32000
LEAD	16	13	47	10	12	340	8.5	74	70
MAGNESIUM	11000	2900	14000	3300	3000	58000	820 U	790 U	1200 U
MANGANESE	270	280	130	630	58	190	22 U	120	150
NICKEL	19	15	19	12	8.8	120	6.2	24	28
POTASSIUM	1900	810	470	1200	850 U	1500 U	150 U	150 U	360
SELENIUM	3.1 U	3 U	2.8 U	2.8 U	5.3 U	9.6 U	3.5 U	5.2	5 U
SILVER	0.62 U	0.61 U	.57	0.56 U	1.1 U	1.9 U	.7	0.67 U	1.1
SODIUM	1900	490 U	550	1100	2300	9700	550 U	590	1100
THALLIUM	1.5 U	1.5 U	1.4 U	1.3 U	2.6 U	4.6 U	1.7 U	1.6 U	2.4 U
VANADIUM	26	24	52	20	21 U	38 U	14 U	26	22
ZINC	61	40	87	28	46	4500	14 U	73	90
MERCURY	0.18 U	0.17 U	.39	0.16 U	0.3 U	0.55 U	0.2 U	.47	0.28 U

Table 5D
Soil Analytical Results
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Location	PG-PD-9	PG-PD-9	PG-PD-10	PG-PD-10	PG-PD-11	PG-PD-14	PG-PD-14	PG-Q1-1	PG-Q1-1
Sample Date	12/4/2000	12/4/2000	11/28/2000	11/28/2000	11/27/2000	11/24/2000	11/24/2000	11/30/2000	11/30/2000
Sample ID	PG-PD-09	PG-PD-09	PG-PD-10	PG-PD-10	PG-PD-11	PG--PD-14	PG--PD-14	PG-Q1-1	PG-Q1-1
Sample Depth	4-6'	8-10'	2-4'	6-8'	4-6'	2-4'	6-8'	2-4'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	2000	1400	1700	16000	1800	5100	3800	3700	3000
ANTIMONY	2.1 U	2.2 U	1.7 U	3.7 U	2.5 U	1.7 U	1.7 U	1.6 U	2.2 U
ARSENIC	3.3	22	2.3 U	5.1 U	3.5 U	24	6	10	9.2
BARIUM	56	46	17	180	25	96	36	67	42
BERYLLIUM	0.59 U	0.61 U	0.46 U	2.6	0.7 U	1.5	0.47 U	0.45 U	0.62 U
CADMIUM	0.44 U	0.45 U	0.34 U	0.77 U	0.53 U	0.34 U	0.35 U	0.34 U	0.46 U
CALCIUM METAL	2000	2300	7600	35000	270000	1500	1200 U	26000	770 U
CHROMIUM	17	8.4	4.6 U	36	19	17	9.1	11	10
COBALT	3.5	6.1	1.9 U	25	2.9 U	6	3.3	4.7	3.3
COPPER	33	28	17	44	9.4	82	4.5 U	44	42
IRON	20000	21000	4100	10000	4100 U	17000	12000	14000	14000
LEAD	68	51	290	31	9	85	6.2	75	39
MAGNESIUM	870 U	890 U	780	5300	3700	1300	690 U	12000	620
MANGANESE	28	62	19	210	46	260	52	190	43
NICKEL	12	22	38	86	8.7	42	4.3	15	8.2
POTASSIUM	590 U	610 U	460 U	24000	750	530	470 U	450	250
SELENIUM	3.7 U	3.8 U	2.9 U	6.4 U	4.4 U	2.9 U	2.9 U	2.8 U	3.8 U
SILVER	0.74 U	0.76 U	0.57 U	1.3 U	0.88	0.57 U	0.59 U	0.57 U	0.77 U
SODIUM	680	610 U	460 U	13000	1900	460 U	470 U	450 U	610 U
THALLIUM	1.8 U	1.8 U	1.4 U	3.1 U	2.1 U	1.4 U	1.4 U	1.4 U	1.8 U
VANADIUM	15 U	15 U	11 U	26 U	18 U	24	18	26	18
ZINC	37	62	2600	230	74	190	33	110	47
MERCURY	0.21 U	0.22 U	0.16 U	0.36 U	0.25 U	0.16 U	0.17 U	0.16 U	0.22 U

Table 5D
Soil Analytical Results
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Location	PG-RR-1	PG-RR-1	PG-RR-2	PG-RR-3	PG-RR-4	PG-RR-4	PG-RR-5	PG-RR-5	PG-RR-6
Sample Date	11/3/2000	11/3/2000	11/4/2000	11/3/2000	11/4/2000	11/4/2000	11/7/2000	11/7/2000	11/6/2000
Sample ID	PG-RR-01	PG-RR-01	PG-RR-02	PG-RR-03	PG-RR-04	PG-RR-04	PG-RR-05	PG-RR-05	PG-RR-06
Sample Depth	0-1.2'	1.2-2'	0-2'	1.5-2'	0.6-2'	3-4'	1-2'	2-4'	1-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	1400	2500	840	1900	3400	8500	3000	4700	2800
ANTIMONY	7.3	2	3	1.9	1.6 U	1.8 U	1.6 U	1.6 U	4.2
ARSENIC	980	290	150	250	11	7.5	89	180	140
BARIUM	170	22	100	120	73	96	73	23	96
BERYLLIUM	0.47 U	0.46 U	0.47 U	0.47 U	0.45 U	0.5 U	0.43 U	0.43 U	0.43 U
CADMIUM	1.4	0.34 U	0.35 U	.39	0.34 U	0.37 U	0.33 U	0.32 U	0.33 U
CALCIUM METAL	37000	570 U	3100	10000	61000	3700	1100 U	1100 U	3800
CHROMIUM	23	4.6	9.6	8.4	7.9	13	7.5	7.1	6.8
COBALT	5.1	1.9	4.2	4.6	2.2	8	2.7	2.2	2.4
COPPER	150	12	51	69	22	19	42	44	65
IRON	24000	9200	23000	13000	8700	19000	14000	11000	19000
LEAD	210	11	120	120	52	22	29	22	200
MAGNESIUM	21000	580	1300	5900	27000	3800	640 U	630 U	1200
MANGANESE	210	41	140	130	120	410	43	33	79
NICKEL	65	15	41	130	22	14	130	16	9
POTASSIUM	370	170	310	230	600	1100	210	180	270
SELENIUM	2.9 U	2.9 U	2.9 U	2.9 U	2.8 U	3.1 U	2.7 U	2.7 U	2.8
SILVER	0.58 U	0.57 U	0.59 U	0.58 U	0.56 U	0.62 U	0.54 U	0.54 U	0.54 U
SODIUM	460 U	460 U	470 U	460 U	450 U	1900	97 U	96 U	430 U
THALLIUM	1.4 U	1.4 U	1.4 U	1.4 U	1.3 U	1.5 U	1.3 U	1.3 U	1.3 U
VANADIUM	45	13	23	21	11 U	20	14	16	17
ZINC	270	30	61	110	40	54	30	21	46
MERCURY	.21	0.16 U	0.17 U	0.17 U	0.16 U	0.18 U	0.15 U	0.15 U	0.15 U

Table 5D
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Location	PG-RR-6	PG-RR-7	PG-RR-7	PG-RR-8	PG-RR-8	PG-RR-10	PG-RR-10	PG-RR-15	PG-RR-15
Sample Date	11/6/2000	11/6/2000	11/6/2000	12/1/2000	12/1/2000	12/2/2000	12/2/2000	11/25/2000	11/27/2000
Sample ID	PG-RR-06	PG-RR-07	PG-RR-07	PG-RR-08	PG-RR-08	PG-RR10	PG-RR10	PG-RR-15	PG-RR-15
Sample Depth	2-4'	0-2'	2-4'	2-4'	6-8'	2-2.5'	8-10'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	1500	770	710	900	590	10000	2300	1200	5600
ANTIMONY	1.6 U	1.6 U	1.6 U	2.3 U	2 U	3.8	1.9 U	1.5 U	2.3
ARSENIC	12	2.8	8.5	88	32	58	34	2.1 U	19
BARIUM	19	29	43	60	26	190	36	10 U	440
BERYLLIUM	0.43 U	0.43 U	0.43 U	0.62 U	0.56 U	.96	.8	0.42 U	.87
CADMIUM	0.33 U	0.32 U	0.33 U	0.47 U	0.42 U	0.41 U	0.39 U	0.31 U	0.44 U
CALCIUM METAL	540 U	540 U	70000	1600	1400 U	120000	9800	11000	14000
CHROMIUM	4.3 U	5.9	6	6.2 U	5.6 U	5.4 U	5.3 U	4.2 U	19
COBALT	1.8 U	2.7	1.8 U	2.6	2.3 U	3.3	7.5	1.7 U	9.7
COPPER	12	11	14	17	11	71	27	16	230
IRON	11000	3600	4200	13000	25000	18000	28000	3800	18000
LEAD	24	17	23	8.3	7	52	21	4.2 U	190
MAGNESIUM	390 U	390 U	41000	570 U	500 U	10000	1600	1200	1300
MANGANESE	28	30	88	110	22 U	99	27	41	2600
NICKEL	2.7 U	2.6 U	4	7	6.7	15	20	2.5 U	20
POTASSIUM	140	120	190	190	350	1100	270	420 U	2900 U
SELENIUM	2.7 U	2.7 U	2.7 U	3.9 U	3.7	3.4 U	4.1	2.6 U	4.4
SILVER	0.54 U	0.54 U	0.54 U	0.78 U	0.69 U	0.68 U	.87	0.52 U	1.1
SODIUM	430 U	430 U	430 U	620 U	550 U	1200	530 U	420 U	2900 U
THALLIUM	1.3 U	1.3 U	1.3 U	1.9 U	1.7 U	1.6 U	1.6 U	1.2 U	1.8 U
VANADIUM	11 U	15	12	16 U	14 U	18	14	10 U	20
ZINC	11 U	15	60	150	120	54	760	19	440
MERCURY	0.15 U	0.15 U	0.15 U	0.22 U	0.2 U	0.19 U	0.19 U	.18	.27

Table 5D
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Location	PG-STAIN-1	PG-STAIN-1	PG-STAIN-02	PG-STAIN-02	PG-STAIN-03	PG-STAIN-03	PG-STAIN-3B	PG-STAIN-3B	PG-FS-1B
Sample Date	11/24/2000	11/24/2000	11/11/2000	11/11/2000	11/10/2000	11/10/2000	11/11/2000	11/11/2000	11/17/2000
Sample ID	PG-STAIN-1	PG-STAIN-1	PG-ST-02	PG-ST-02	PG-ST-03	PG-ST-03	PG-ST-3B	PG-ST-3B	PG-FS-01B
Sample Depth	0-2'	4-6'	1-2'	2-3'	1.7-2.5'	2.5-3.5'	0-2'	2-4'	1-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	16000	2900	3100	4900	1200	1100 U	2100	2000	1700 U
ANTIMONY	1.6 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	13	1.6 U	2.9 U
ARSENIC	70	59	31	50	110	43	350	31	12
BARIUM	420	150	12 U	18	71	66	160	11 U	230
BERYLLIUM	.54	0.48 U	.58	.65	.56	0.51 U	.67	.5	0.8 U
CADMIUM	1.5	0.36 U	0.35 U	0.36 U	0.35 U	0.38 U	1.8	0.32 U	0.6 U
CALCIUM METAL	6500	6300	1900	1200	8900	1300 U	44000	1100 U	12000
CHROMIUM	9	9.2	7.6	7.6	15	5.1 U	83	7.7	8 U
COBALT	5.5	5.8	3.7	2 U	2.6	2.1 U	7.4	1.9	3.3 U
COPPER	58	29	16	70	52	18	260	5.7	190
IRON	23000	18000	11000	8500	38000	38000	45000	10000	38000
LEAD	120	35	5.1	8.3	110	39	950	4.5	130
MAGNESIUM	2800	1800	930	710 U	1900	750 U	22000	630 U	1700
MANGANESE	170	43	43	41	34	21 U	270	45	190
NICKEL	38	20	4.5	3.6	6.9	13	34	4.3	30
POTASSIUM	740	480 U	470 U	480 U	980	1400	430 U	430 U	800 U
SELENIUM	2.8 U	3 U	2.9 U	3 U	5.7	6	4.1	2.7 U	5 U
SILVER	.95	.79	0.59 U	0.6 U	0.58 U	0.63 U	0.54 U	0.54 U	1 U
SODIUM	12000	480 U	470 U	480 U	2100	2100	1200	430 U	3400
THALLIUM	1.3 U	1.4 U	1.4 U	1.4 U	2.3	2.9	1.3 U	1.3 U	2.4 U
VANADIUM	34	17	15	13	47	23	26	11	20 U
ZINC	550	53	20	16	18	13 U	330	15	290
MERCURY	0.16 U	0.17 U	0.17 U	0.17 U	0.17 U	.52	.24	0.15 U	0.28 U

Table 5D
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Location	PG-FS-1B	PG-FS-1B	PG-FS-2	PG-FS-2	PG-FS-2	PG-FS-3	PG-FS-3	PG-FS-4	PG-FS-4
Sample Date	11/17/2000	11/17/2000	11/17/2000	11/17/2000	11/17/2000	11/15/2000	11/15/2000	11/15/2000	11/15/2000
Sample ID	PG-FS-01B	PG-FS-01B	PG-FS-02	PG-FS-02	PG-FS-02	PG-FS03	PG-FS03	PG-FS04	PG-FS04
Sample Depth	6-6.5'	12-13.5'	2-4'	8-10'	17-18'	2-4'	6.5-8	0.5-1'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	6100	1600 U	4300	4500	1000	3000	5800	1100	1400
ANTIMONY	2.3 U	2.8 U	1.6 U	1.8 U	1.6 U	1.7 U	1.7 U	4.7	2.1 U
ARSENIC	20	3.8 U	5.5	6.8	2.2 U	30	2.5	6	5.9
BARIUM	140	19	32	18	11 U	54	130	80	86
BERYLLIUM	.81	0.77 U	.54	1.9	0.45 U	0.46 U	.68	1.3	.73
CADMIUM	2	0.58 U	0.34 U	0.37 U	0.34 U	0.34 U	0.35 U	1.1	0.44 U
CALCIUM METAL	240000	340000	1100 U	1200 U	1500	1300	3000	3900	2100
CHROMIUM	6.5 U	7.7 U	11	14	5.3	8.6	11	13	6.9
COBALT	3.1	3.2 U	1.9 U	7.5	1.9 U	1.9 U	7.2	5.7	3.6
COPPER	180	45	26	9.4	4.3 U	40	14	320	130
IRON	31000	4500 U	14000	17000	2700 U	12000	15000	9100	13000
LEAD	63	14	6.8	4.9 U	4.5 U	96	22	370	120
MAGNESIUM	7500	6500	1200	720 U	660 U	680 U	3400	1500	870 U
MANGANESE	120	43	46	110	37	40	290	51	35
NICKEL	66	4.7 U	5.6	5	2.7 U	5.2	16	68	30
POTASSIUM	650 U	770 U	590	490 U	450 U	470	1300	530 U	590 U
SELENIUM	4 U	4.8 U	2.8 U	3 U	2.8 U	2.9 U	2.9 U	3.3 U	3.7 U
SILVER	0.81 U	0.96 U	0.57 U	0.61 U	0.56 U	0.57 U	0.59 U	0.66 U	0.74 U
SODIUM	1700	2700	450 U	490 U	450 U	460 U	470 U	530 U	590 U
THALLIUM	1.9 U	2.3 U	1.4 U	1.5 U	1.3 U	1.4 U	1.4 U	1.6 U	1.8 U
VANADIUM	30	19 U	21	30	11 U	14	20	13 U	15 U
ZINC	550	30	36	42	11 U	81	93	890	630
MERCURY	0.23 U	0.27 U	0.16 U	0.17 U	0.16 U	0.16 U	0.17 U	1.5	0.21 U

Table 5D
Soil Analytical Results
Metals
Port Ivory Site
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Location	PG-FS-6	PG-FS-6	PG-FS-7	PG-FS-7	PG-FS-8	PG-FILL-02	PG-FILL-03	PG-FILL-03	PG-FILL-03
Sample Date	11/24/2000	11/24/2000	12/1/2000	12/1/2000	11/24/2000	11/3/2000	11/4/2000	11/6/2000	11/6/2000
Sample ID	PG-FS-06	PG-FS-06	PG-FS-7	PG-FS-7	PG-FS-08	PGFILL02	PGFILL03	PGFILL03	PGFILL03
Sample Depth	1-2'	4-6'	2-4'	8-10'	0-2'	0.7-3'	0.5-2'	2-4'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	4600	4900	3600	1500	2600	4300	3900	2500	3300
ANTIMONY	1.6 U	1.9 U	8.8	1.8 U	1.5 U	1.9 U	1.6 U	19	1.6 U
ARSENIC	10	6.9	43	3.2	4.7	45	13	9.3	3
BARIUM	61	20	150	13 U	44	210	87	100	29
BERYLLIUM	.44	0.51 U	0.51 U	.62	.44	0.52 U	.86	.45	0.44 U
CADMIUM	0.33 U	0.38 U	0.38 U	0.38 U	0.32 U	1	.44	.4	0.33 U
CALCIUM METAL	22000	1800	3800	1300 U	1100 U	21000	27000	23000	2200
CHROMIUM	17	9.7	15	5.5	5.2	22	11	6.1	5.4
COBALT	4.5	2.7	3	2.1 U	2.8	7.6	4.8	3.7	2.2
COPPER	49	8.9	83	7.6	16	93	66	2600	25
IRON	15000	17000	28000	7400	9500	39000	19000	13000	9600
LEAD	42	7	270	5.1 U	34	680	63	420	28
MAGNESIUM	11000	1100	650	460 U	630 U	10000	5000	9600	1000
MANGANESE	200	89	87	21 U	250	150	240	96	40
NICKEL	29	5.3	31	4	2.9	17	24	180	7.6
POTASSIUM	430 U	510 U	200	140 U	430 U	480	290	350	300
SELENIUM	2.7 U	3.2 U	3.2	3.2 U	2.7 U	3.3	2.7 U	2.8 U	2.8 U
SILVER	.74	0.64 U	1	0.63 U	0.53 U	0.65 U	0.54 U	11	0.56 U
SODIUM	430 U	510 U	510 U	510 U	430 U	520 U	430 U	440 U	470
THALLIUM	1.3 U	1.5 U	1.5 U	1.5 U	1.3 U	1.6 U	1.3 U	1.3 U	1.3 U
VANADIUM	26	21	30	13	15	30	32	14	11 U
ZINC	48	53	95	16	33	120	280	320	40
MERCURY	0.15 U	0.18 U	.5	0.18 U	0.15 U	0.18 U	.22	.19	0.16 U

Table 5D
Soil Analytical Results
Metals
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Location	PG-FILL-04	PG-FILL-04	PG-FILL-04	PG-FILL-04	PG-FILL-5	PG-FILL-5	PG-FILL-7	PG-FILL-7	PG-FILL-7
Sample Date	11/6/2000	11/6/2000	11/6/2000	11/6/2000	11/18/2000	11/18/2000	12/4/2000	12/4/2000	12/4/2000
Sample ID	PGFILL04	PGFILL04	PGFILL04	PGFILL04	PG-FILL-5	PG-FILL-5	PG-FILL7	PG-FILL7	PG-FILL7
Sample Depth	0-2'	2-4'	4-6'	7-8'	2-4'	6-8'	1-2.5'	2.5-4'	10-12'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	2300	2000	3600	2400	3200	2600	4000	4100	3200
ANTIMONY	1.7 U	1.6 U	1.7 U	1.8 U	1.6 U	1.7 U	1.6	6.8	3.1 U
ARSENIC	10	8.8	4.7	3	4.6	3.3	24	170	4.3 U
BARIUM	140	70	50	13 U	26	17	65	230	63
BERYLLIUM	0.47 U	0.45 U	0.46 U	0.5 U	.58	.47	0.43 U	0.45 U	0.85 U
CADMIUM	.48	0.34 U	0.34 U	0.37 U	0.32 U	0.35 U	0.33 U	2.4	0.64 U
CALCIUM METAL	3700	1300	1100	910	1100 U	1200 U	18000	42000	340000
CHROMIUM	4.7 U	4.9	6.8	5 U	7.8	5.9	71	270	8.5 U
COBALT	4.5	5.1	5	4.6	4	2.8	6.1	14	3.5 U
COPPER	48	49	22	20	11	8.7	35	670	94
IRON	16000	14000	13000	6800	11000	10000	17000	82000	5000 U
LEAD	76	43	16	12	8.2	4.7 U	50	340	8.5 U
MAGNESIUM	680	450	950	450 U	800	690 U	4200	7200	12000
MANGANESE	63	66	120	38	86	53	370	1900	38
NICKEL	15	10	10	5.1	4.6	3.6	97	290	5.2 U
POTASSIUM	270	260	470	260	430 U	470 U	430 U	450 U	850 U
SELENIUM	2.9 U	2.8 U	2.9 U	3.1 U	2.7 U	2.9 U	2.7 U	3.4	5.3 U
SILVER	0.58 U	0.56 U	0.57 U	0.62 U	0.54 U	0.58 U	0.54 U	0.56 U	1.1 U
SODIUM	460 U	450 U	460 U	500 U	430 U	470 U	430 U	520	1100
THALLIUM	1.4 U	1.3 U	1.4 U	1.5 U	1.3 U	1.4 U	1.3 U	1.3 U	2.6 U
VANADIUM	12 U	13	15	13 U	16	14	33	52	21 U
ZINC	130	110	53	24	26	22	66	480	21 U
MERCURY	.26	0.16 U	0.16 U	.24	0.15 U	0.17 U	.38	.75	0.3 U

Table 5D
Soil Analytical Results
Metals
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Location	PG-FILL-8	PG-FILL-8	PG-FILL-10	PG-FILL-10	PG-FILL-11	PG-FILL-11	PG-FILL-12	PG-FILL-13	PG-FILL-13
Sample Date	12/2/2000	12/2/2000	12/1/2000	12/1/2000	11/21/2000	11/21/2000	11/27/2000	11/30/2000	11/30/2000
Sample ID	PG-FILL08	PG-FILL08	PG-FILL10	PG-FILL10	PG-FILL11	PG-FILL11	PG-FILL12	PG-FILL13	PG-FILL13
Sample Depth	0-2'	6-8'	3-4'	6.4-8.2'	1-2'	2-3.5	1-2'	1-3'	3-5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	4200	1700	4000	6500	4300	3500	9700	2200	4900
ANTIMONY	1.7 U	3 U	1.6 U	3.6	2.4 U	6.9	1.9 U	1.7 U	1.7 U
ARSENIC	26	4.2 U	4.8	180	4	21	43	20	4.4
BARIUM	130	21 U	67	360	86	640	200	110	12 U
BERYLLIUM	1	0.83 U	.55	1.1	0.67 U	0.49 U	.94	.71	0.48 U
CADMIUM	1.1	0.62 U	0.33 U	2.6	0.5 U	8.4	0.39 U	0.35 U	0.36 U
CALCIUM METAL	23000	1000 U	5100	6300	14000	18000	20000	4200	600 U
CHROMIUM	31	8.3 U	16	66	6.7 U	64	15	18	8.8
COBALT	8.3	3.4 U	4.9	38	5.1	23	8.6	2.8	4.8
COPPER	95	8.3	22	220	27	1000	42	57	6.5
IRON	31000	1300	13000	35000	6500	87000	67000	19000	10000
LEAD	320	8.3 U	26	260	35	1100	43	74	4.8 U
MAGNESIUM	11000	10000	1500	1500	2400	7000	8400	1200	690
MANGANESE	310	69	430	67	120	910	240	120	44
NICKEL	95	5.1 U	8.1	230	87	530	46	48	5.3
POTASSIUM	400	230 U	390	440	670 U	490 U	530 U	300	210
SELENIUM	3 U	5.2 U	2.7 U	6.7	4.2 U	3.1	3.3 U	6.9	3 U
SILVER	0.6 U	3.1	0.55 U	1.2 U	1.2	.86	0.66 U	0.59 U	0.6 U
SODIUM	480 U	3900	440 U	950 U	1600	490 U	530 U	470 U	650
THALLIUM	1.4 U	2.5 U	1.3 U	2.9 U	2 U	1.5 U	1.6 U	1.4 U	1.4 U
VANADIUM	38	21 U	34	130	17 U	25	39	62	16
ZINC	500	54	41	640	92	1500	32	130	16
MERCURY	.32	0.3 U	0.16 U	.47	.25	22	0.19 U	.54	0.17 U

Table 5D
Soil Analytical Results
Metals
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Location	PG-FILL-14	PG-FILL-14	PG-FILL-15	PG-FILL-15	PG-FILL-16	PG-FILL-17	PG-FILL-17	PG-FILL-20	PG-FILL-20
Sample Date	11/30/2000	11/30/2000	11/25/2000	11/25/2000	11/24/2000	11/24/2000	11/24/2000	11/2/2000	11/2/2000
Sample ID	PG-FILL14	PG-FILL14	PG-FILL15	PG-FILL15	PG-FILL16	PG-FILL-17	PG-FILL-17	PGFILL20-	PGFILL20
Sample Depth	4-6'	6-8'	4-6'	12-13'	2-4'	0-2'	2-4'	0.2-2'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	3300	4100	6300	4000	4700	12000	3100	4900	1600
ANTIMONY	1.8 U	1.7 U	1.9 U	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U	2.7 U
ARSENIC	5.1	4.6	8.1	2.3 U	5.3	4.2	3.9	4.4	3.8 U
BARIUM	43	12 U	13 U	12 U	34	110	27	99	35
BERYLLIUM	0.49 U	.5	0.53 U	0.47 U	0.47 U	.59	0.44 U	0.43 U	0.75 U
CADMIUM	0.37 U	0.36 U	0.4 U	0.35 U	0.35 U	0.33 U	0.33 U	0.32 U	0.57 U
CALCIUM METAL	1900	600 U	1300 U	1200 U	1200 U	13000	1100 U	78000	290000
CHROMIUM	6.4	7.5	11	5.8	7	13	6.8	6.1	7.5 U
COBALT	2 U	2 U	4.4	2.2	1.9 U	15	3.6	5.9	3.1 U
COPPER	43	4.5 U	17	4.4 U	21	74	5.4	39	7.2 U
IRON	8200	12000	21000	5300	9500	35000	9800	16000	1500
LEAD	20	4.8 U	6.9	5	14	43	64	60	7.5 U
MAGNESIUM	1300	430 U	790 U	910	690 U	4100	820	13000	4700
MANGANESE	20 U	26	96	42	34	370	74	170	31 U
NICKEL	3.4	3.9	4.9	5.5	4.5	32	5.7	22	4.9
POTASSIUM	160	150	870	470	470 U	720	440 U	260	210 U
SELENIUM	3 U	3 U	3.3 U	2.9 U	2.9 U	2.7 U	2.8 U	2.7 U	4.7 U
SILVER	0.61 U	0.6 U	0.67 U	0.58 U	0.59 U	1.9	0.56 U	0.54 U	0.94 U
SODIUM	590	480 U	530 U	470 U	470 U	720	440 U	760	1700
THALLIUM	1.5 U	1.4 U	1.6 U	1.4 U	1.4 U	4.3 U	1.3 U	1.3 U	2.3 U
VANADIUM	12 U	17	25	12 U	15	44	15	29	19 U
ZINC	22	17	30	34	29	89	22	85	19 U
MERCURY	0.17 U	0.17 U	0.19 U	0.17 U	0.17 U	0.16 U	0.16 U	0.15 U	0.27 U

Table 5D
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Location	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-20	PG-FILL-21	PG-FILL-21
Sample Date	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/13/2000	11/13/2000
Sample ID	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL21	PGFILL21
Sample Depth	4-6'	6-8'	8-10'	10-12'	12-14'	14-15.5'	15.5-16'	2-4'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	1200	910	940	1200	1200	3400	1700	4700	5400
ANTIMONY	3 U	2.8 U	3 U	2.8 U	2.7 U	2.9 U	4 U	1.5 U	1.6 U
ARSENIC	4.1 U	3.8 U	4.1 U	3.8 U	3.7 U	4 U	5.6 U	3	4.4
BARIUM	55	32	20 U	26	28	26	28 U	47	110
BERYLLIUM	0.82 U	0.77 U	0.82 U	0.77 U	0.74 U	0.8 U	1.1 U	0.42 U	.5
CADMIUM	0.61 U	0.58 U	0.61 U	0.58 U	0.56 U	0.6 U	0.83 U	0.31 U	0.33 U
CALCIUM METAL	260000	960 U	350000	330000	340000	23000	450000	2400	14000
CHROMIUM	8.2 U	7.7 U	8.2 U	7.7 U	7.4 U	11	11 U	5.8	9.4
COBALT	3.4 U	3.2 U	3.4 U	3.2 U	3.1 U	3.3 U	4.6 U	3.8	6.2
COPPER	7.8 U	7.3 U	7.8 U	7.3 U	7 U	9.1	11 U	55	34
IRON	730	710	700	1100	940	8200	890	13000	11000
LEAD	8.2 U	7.7 U	8.2 U	7.7 U	7.4 U	9.1	11 U	41	86
MAGNESIUM	4600	4000	5200	5300	5300	2100	6800	1800	3500
MANGANESE	44	31 U	33 U	31 U	30 U	32 U	51	180	440
NICKEL	5 U	4.7 U	5 U	4.7 U	4.5 U	6.8	6.8 U	3.3	12
POTASSIUM	220 U	210 U	220 U	210 U	200 U	780	300 U	680	1100
SELENIUM	5.1 U	4.8 U	5.1 U	4.8 U	4.6 U	5 U	6.9 U	3.6	2.8 U
SILVER	1 U	0.96 U	1 U	0.96 U	0.93 U	1 U	1.4 U	.82	.63
SODIUM	1300	1500	2500	2400	2400	5700	3700	420 U	440 U
THALLIUM	2.4 U	2.3 U	2.4 U	2.3 U	2.2 U	2.4 U	3.3 U	1.2 U	1.3 U
VANADIUM	20 U	19 U	20 U	19 U	19 U	20 U	28 U	30	17
ZINC	20 U	19 U	20 U	19 U	19 U	20 U	28 U	74	75
MERCURY	0.29 U	0.27 U	0.29 U	0.27 U	0.26 U	0.28 U	0.39 U	0.15 U	0.16 U

Table 5D
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Metals
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Location	PG-FILL-25	PG-FILL-25	PG-FILL-25	PG-UST1-2	PG-UST1-2	PG-UST2-1	PG-UST2-1	PG-UST2-1A	PG-UST2-1B
Sample Date	12/1/2000	12/1/2000	12/1/2000	11/20/2000	11/20/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000
Sample ID	PG-FILL25	PG-FILL25	PG-FILL25	PG-UST1-2	PG-UST1-2	PG-UST2-1	PG-UST2-1	PG-UST2-1A	PG-UST2-1B
Sample Depth	0-2'	4-6'	8-10'	2-4'	12-14'	6-7'	8-10'	0-2'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	11000	6700	1500	2800	1000 U	2300	3200	2100	1500
ANTIMONY	2.3 U	2.8 U	2 U	1.8	1.7 U	1.7 U	1.7 U	6.6 U	2.1 U
ARSENIC	110	9.6	5.2	11	2.4 U	4.8	7.9	18	5.3
BARIUM	330	80	58	70	12 U	32	39	330	200
BERYLLIUM	0.65 U	0.78 U	0.56 U	0.43 U	0.48 U	0.48 U	0.48 U	1.8 U	0.57 U
CADMIUM	0.48 U	0.59 U	0.42 U	0.32 U	0.36 U	0.36 U	0.36 U	1.4 U	0.43 U
CALCIUM METAL	6100	18000	2100	4200	1200 U	750	3200	8400	2400
CHROMIUM	39	7.8 U	5.6 U	6.9	4.8 U	5.4	4.8 U	37	13
COBALT	8.8	3.2 U	2.3 U	3.3	2 U	2 U	2.4	7.5 U	2.4 U
COPPER	98	64	27	38	4.5 U	28	35	61	22
IRON	17000	8700	3600	12000	4300	7600	8500	11000 U	3500
LEAD	270	65	41	300	4.8 U	19	11	400	250
MAGNESIUM	1700	2000	590	1600	700 U	710	3100	1600 U	600
MANGANESE	84	62	37	130	19 U	48	130	250	36
NICKEL	710	20	36	9.7	2.9 U	9.7	5.8	19	4.4
POTASSIUM	1500	1300	360	430 U	480 U	310	410	500 U	170
SELENIUM	4 U	4.9 U	3.5 U	2.7 U	3 U	3 U	3 U	11 U	3.6 U
SILVER	0.81 U	0.98 U	.95	0.54 U	0.6 U	0.6 U	0.6 U	2.3 U	0.71 U
SODIUM	9900	11000	1700	430 U	480 U	660	640	1800 U	570 U
THALLIUM	1.9 U	2.4 U	1.7 U	1.3 U	1.4 U	1.4 U	1.4 U	5.5 U	1.7 U
VANADIUM	3100	68	270	14	12 U	12 U	12	45 U	18
ZINC	170	190	190	100	39	21	29	350	170
MERCURY	0.23 U	0.28 U	0.2 U	1	0.17 U	0.17 U	0.17 U	0.65 U	0.2 U

Table 5D
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Metals
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Location	PG-UST2-1B	PG-UST2-2	PG-UST2-2	PG-UST2-3	PG-UST2-3	PG-UST2-3	PG-UST4-1	PG-UST4-1	PG-UST4-1
Sample Date	11/30/2000	11/30/2000	11/30/2000	12/1/2000	12/1/2000	12/1/2000	11/20/2000	11/20/2000	11/20/2000
Sample ID	PG-UST2-1B	PG-UST2-2	PG-UST2-2	PG-UST2-3	PG-UST2-3	PG-UST2-3	PG-UST4-1	PG-UST4-1	PG-UST4-1
Sample Depth	4-5.5'	4-5.5'	10-12'	2-4'	7.5-9'	12-14'	2-4'	10-11.5'	14-15.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	2900	1800	2200	1600	19000	3700	3600	3600	6300
ANTIMONY	1.6 U	1.7 U	1.9 U	1.8 U	2.4 U	2.8 U	1.8 U	2 U	1.9 U
ARSENIC	3.7	11	2.9	56	58	9.4	50	33	5.1
BARIUM	66	58	26	95	250	46	210	90	76
BERYLLIUM	0.44 U	.52	0.51 U	0.49 U	1.1	0.77 U	.6	.55	.62
CADMIUM	0.33 U	0.34 U	0.38 U	0.37 U	0.5 U	0.58 U	.62	0.41 U	0.39 U
CALCIUM METAL	14000	6100	3100	3900	240000	73000	21000	5200	3700
CHROMIUM	5.9	4.7	5.1 U	4.9 U	8.7	7.7 U	8.6	5.5 U	13
COBALT	2.5	7.4	2.1	3	3.2	3.2 U	8	9	9.2
COPPER	21	21	51	21	28	37	370	41	25
IRON	9600	15000	7600	32000	9700	6000	32000	17000	20000
LEAD	52	21	12	20	38	19	310	16	65
MAGNESIUM	1100	620	720	510	10000	3700	13000	1500	3600
MANGANESE	110	50	51	20 U	180	66	150	60	300
NICKEL	16	19	3.5	10	11	7.1	57	110	22
POTASSIUM	430	230	380	840	2400	590	590	810	4100
SELENIUM	2.8 U	2.9 U	3.2 U	4.3	4.2 U	4.8 U	4.9	4.3	3.2 U
SILVER	0.56 U	0.57 U	0.64 U	.63	1.2	0.96 U	0.63 U	0.68 U	0.65 U
SODIUM	440 U	460 U	870	490 U	4700	5600	510 U	550 U	4000
THALLIUM	1.3 U	1.4 U	1.5 U	1.5 U	2 U	2.3 U	1.5 U	1.6 U	1.6 U
VANADIUM	14	11 U	13 U	17	38	19 U	25	18	23
ZINC	48	16	28	14	83	67	1200	3500	160
MERCURY	0.16 U	0.16 U	0.18 U	0.18 U	0.24 U	.37	.45	.19 U	.24

Table 5D
Soil Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST4-2	PG-UST4-2	PG-UST5-2	PG-UST6-2	PG-UST6-2	PG-UST6-2	PG-UST6-3	PG-UST6-3	PG-UST7-1
Sample Date	11/20/2000	11/20/2000	11/27/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000
Sample ID	PG-UST4-2	PG-UST4-2	PG-UST5-2	PG-UST6-2	PG-UST6-2	PG-UST6-2	PG-UST6-3	PG-UST6-3	PG-UST7-1
Sample Depth	4-6'	12-14'	4-6'	4-6'	8-10'	16-18'	1.5-2'	14-16'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	1400	1500	2400	1700 U	2000 U	2000 U	2400	3300	7600
ANTIMONY	1.9 U	2.2 U	2.7 U	2.9 U	3.4 U	3.5 U	3.4	4.5 U	1.7 U
ARSENIC	8.4	13	3.7 U	4 U	4.7 U	4.9 U	10	6.2 U	2.4 U
BARIUM	61	43	56	20 U	23 U	45	420	86	31
BERYLLIUM	0.53 U	0.6 U	0.74 U	0.8 U	0.93 U	0.98 U	0.47 U	1.2 U	0.47 U
CADMIUM	0.4 U	0.45 U	0.56 U	0.6 U	0.7 U	0.73 U	3.9	14	0.35 U
CALCIUM METAL	3700	6700	240000	300000	320000	330000	55000	140000	1500
CHROMIUM	5.3 U	6 U	7.4 U	8 U	9.3 U	9.8 U	34	13 U	11
COBALT	2.2 U	2.5 U	3.1 U	3.3 U	3.8 U	4 U	4	5.2 U	6.7
COPPER	16	38	25	7.6 U	8.8 U	33	240	480	7.3
IRON	7100	18000	4700	4700 U	5500 U	5800 U	14000	7400 U	14000
LEAD	13	49	16	8 U	9.3 U	21	460	170	8.5
MAGNESIUM	790 U	1400	2000	4700	8000	16000	16000	40000	3400
MANGANESE	22	100	59	42	38	46	160	94	180
NICKEL	9.3	11	12	4.9 U	5.7 U	8.3	39	86	14
POTASSIUM	530 U	1900	740 U	800 U	930 U	980 U	580	1300 U	1400
SELENIUM	3.3 U	3.7 U	4.6 U	5 U	5.8 U	6.1 U	2.9 U	7.8 U	2.9 U
SILVER	.74	.79	0.93 U	1 U	1.2 U	1.2 U	0.59 U	1.6 U	0.59 U
SODIUM	530 U	4400	1700	2200	3100	12000	710	6900	720
THALLIUM	1.6 U	1.8 U	2.2 U	2.4 U	2.8 U	2.9 U	1.4 U	3.7 U	1.4 U
VANADIUM	13 U	15 U	25	20 U	23 U	24 U	24	31 U	18
ZINC	79	480	100	20 U	23 U	240	600	2300	44
MERCURY	0.19 U	0.21 U	0.26 U	0.28 U	0.33 U	0.35 U	1	.61	0.17 U

Table 5D
Soil Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST7-1A	PG-UST7-1B	PG-UST7-2	PG-UST7-2	PG-UST9-1	PG-UST9-1	PG-WOOD-1C	PG-WOOD-3	PG-WOOD-3
Sample Date	11/28/2000	11/28/2000	11/21/2000	11/21/2000	11/25/2000	11/25/2000	11/9/2000	11/10/2000	11/10/2000
Sample ID	PG-UST7-1A	PG-UST7-1B	PG-UST7-2	PG-UST7-2	PG-UST9-1	PG-UST9-1	PG-WD-01C	PG-WD-03	PG-WD-03
Sample Depth	0-2'	2-3.5'	8-10'	10-12'	2-4'	8-10'	10-12'	0.5-2'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	2500	990	8200	5200	4100	2900	3100	930 U	4500
ANTIMONY	1.6 U	1.6 U	1.7 U	1.7 U	1.7 U	1.7 U	2.7 U	1.6 U	2.3
ARSENIC	2.3	2.3 U	4.7	6.6	3.6	4.1	11	2.8	310
BARIUM	49	16	110	92	12 U	12 U	69	15	260
BERYLLIUM	0.43 U	0.45 U	.94	.53	0.48 U	0.47 U	0.74 U	0.44 U	1.3
CADMIUM	0.32 U	0.34 U	0.34 U	0.36 U	0.36 U	0.35 U	0.56 U	0.33 U	.47
CALCIUM METAL	69000	20000	2300	3600	1200 U	1200 U	3600	31000	22000
CHROMIUM	9.2	4.5 U	19	14	83	51	7.5	6.3	20
COBALT	3.3	1.9 U	11	6.3	2.2	1.9 U	7.6	1.8 U	15
COPPER	45	19	15	22	9.1	4.5 U	39	15	210
IRON	10000	4300	23000	19000	11000	9900	9900	3800	44000
LEAD	120	23	12	40	9	4.7 U	29	20	460
MAGNESIUM	31000	11000	4100	2600	700 U	690 U	1100 U	18000	4700
MANGANESE	130	68	430	310	35	23	49	47	200
NICKEL	17	8.4	41	14	5.1	4.3	20	3.2	170
POTASSIUM	430 U	450 U	1600	850	480 U	470 U	740 U	440 U	470 U
SELENIUM	2.7 U	2.8 U	2.9 U	3 U	3 U	2.9 U	4.6 U	2.8 U	5
SILVER	0.54 U	0.57 U	.94	.83	0.6 U	0.59 U	1.4	0.56 U	.62
SODIUM	470	450 U	460 U	480 U	480 U	470 U	830	440 U	470 U
THALLIUM	1.3 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	2.2 U	1.3 U	1.4 U
VANADIUM	17	13	28	22	13	15	19 U	20	39
ZINC	160	83	54	59	69	42	92	17	700
MERCURY	.83	0.16 U	0.16 U	0.17 U	0.17 U	0.17 U	0.26 U	0.16 U	.38

Table 5D
Soil Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-WOOD-3	PG-WOOD-3	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-PA-MW-1
Sample Date	11/29/2000	11/29/2000	11/7/2000	11/7/2000	11/7/2000	11/7/2000	11/7/2000	11/7/2000	11/22/2000
Sample ID	PG-WOOD-3	PG-WOOD-3	PG-WD-05	PG-WD-05	PG-WD-05	PG-WD-05	PG-WD-05	PG-WD-05	PG-PAMW1
Sample Depth	2-4'	6-8'	0-2'	2-4'	4-6'	6-8'	8-10'	14-16'	3-4.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	3900	1600 U	1500	1300	1300	2500	2000	14000	1400 U
ANTIMONY	2.6	2.8 U	1.7 U	2.8	1.7 U	2 U	2.5 U	5 U	2.4 U
ARSENIC	29	3.9 U	2.4 U	27	11	28	8.7	6.9 U	3.3 U
BARIUM	120	38	21	250	33	54	36	34 U	16 U
BERYLLIUM	1	0.78 U	0.48 U	0.48 U	0.48 U	0.55 U	0.68 U	1.4 U	0.66 U
CADMIUM	.37	0.59 U	0.36 U	0.36 U	0.36 U	0.41 U	0.51 U	1 U	0.49 U
CALCIUM METAL	35000	400000	1200 U	7400	1200 U	1400 U	11000	7700	310000
CHROMIUM	110	7.8 U	7.4	12	4.8 U	6	6.8 U	24	6.6 U
COBALT	5.2	3.2 U	2 U	2 U	2.5	6.6	6.7	5.7 U	2.9
COPPER	110	7.5 U	8.1	59	34	37	20	13 U	61
IRON	31000	4600 U	4000	8200	3300	7500	6600	19000	3900 U
LEAD	580	7.8 U	13	130	4.8 U	32	22	14 U	69
MAGNESIUM	4200	4000	710 U	2000	710 U	810 U	1000 U	6200	1700
MANGANESE	220	69	28	55	20 U	27	38	110	43
NICKEL	53	4.8 U	2.9 U	12	7.6	15	17	19	29
POTASSIUM	310	490	84 U	150	270	320	320	2600	660 U
SELENIUM	3.9	4.9 U	3 U	3 U	3 U	3.4 U	4.2 U	8.6 U	4.1 U
SILVER	0.59 U	0.98 U	0.6 U	0.6 U	0.6 U	0.68 U	0.85 U	1.7 U	0.82 U
SODIUM	470 U	2300	110 U	110 U	110 U	120 U	810	6000	2300
THALLIUM	1.4 U	2.4 U	1.4 U	1.4 U	1.4 U	1.6 U	2 U	4.1 U	2 U
VANADIUM	28	20 U	24	16	12 U	14 U	17 U	40	16 U
ZINC	250	20 U	21	190	19	94	56	360	190
MERCURY	.48	0.28 U	0.34 U	.41	0.17 U	0.19 U	0.24 U	0.49 U	0.23 U

Table 5D
Soil Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-1	PG-PA-MW-1	PG-PA-MW-4	PG-PA-MW-4	PG-PA-MW-5	PG-PA-MW-6	PG-MW-6	PG-MW-6
Sample Date	11/22/2000	11/22/2000	11/24/2000	11/24/2000	11/9/2000	11/7/2000	11/7/2000	11/7/2000
Sample ID	PG-PAMW1	PG-PAMW1	PG-PAMW-04	PG-PAMW-04	PG-PAMW-05	PG-MWPA-06	PG-MWPA-06	PG-MWPA-06
Sample Depth	4.5-6'	10-12'	2-4'	6-8'	0-2'	1.5-3'	3-4.5'	4.5-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	1700 U	1700	2200	2400	3100	4300	7800	6000
ANTIMONY	3 U	2.7 U	1.7 U	1.8 U	1.7 U	1.7	1.7 U	1.7 U
ARSENIC	4.2 U	3.7 U	17	2.5 U	260	150	36	24
BARIUM	21 U	21	49	13 U	200	120	180	170
BERYLLIUM	0.83 U	0.74 U	0.46 U	0.5 U	.85	0.43 U	.49	0.46 U
CADMIUM	0.62 U	0.56 U	0.34 U	0.37 U	0.35 U	0.33 U	0.35 U	0.34 U
CALCIUM METAL	310000	210000	19000	1300 U	33000	13000	11000	4300
CHROMIUM	8.3 U	7.4 U	12	5.6	15	28	32	13
COBALT	3.4 U	3.1 U	3.3	2.1 U	6.4	7	6.8	10
COPPER	7.9 U	67	85	4.7 U	70	58	46	36
IRON	4900 U	4400 U	7700	7800	23000	24000	30000	28000
LEAD	8.3 U	42	640	5 U	100	73	31	17
MAGNESIUM	3600	13000	9300	740 U	13000	3800	810	680 U
MANGANESE	39	42	83	26	120	200	92	140
NICKEL	5.1 U	25	21	3.1 U	24	26	17	26
POTASSIUM	830 U	740 U	460 U	500 U	470 U	190	320	330
SELENIUM	5.2 U	4.6 U	2.9 U	3.1 U	3.5	2.7 U	3.3	3.9
SILVER	1 U	0.93 U	.63	0.62 U	0.58 U	.68	0.58 U	0.57 U
SODIUM	2000	2000	460 U	500 U	470 U	370	350	290
THALLIUM	2.5 U	2.2 U	1.4 U	1.5 U	1.4 U	1.3 U	1.4 U	1.4 U
VANADIUM	21 U	19 U	17	13 U	37	38	24	20
ZINC	21 U	260	37	14	320	120	34	48
MERCURY	0.3 U	0.26 U	.17	0.18 U	1	.28	.22	0.16 U

Table 5D
Soil Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-MW-6	PG-MW-6	PG-PA-MW-7	PG-PA-MW-7	PG-PA-MW-7	PG-PA-MW-7	PG-PA-MW-8	PG-PA-MW-8
Sample Date	11/7/2000	11/7/2000	11/13/2000	11/13/2000	11/13/2000	11/13/2000	11/28/2000	11/28/2000
Sample ID	PG-MWPA-06	PG-MWPA-06	PG-PAMW-07	PG-PAMW-07	PG-PAMW-07	PG-PAMW-07	PG-PAMW-8	PG-PAMW-8
Sample Depth	6-8'	8.5-10'	2.5-4'	4-6'	6-8'	8-10'	0.5-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	1100 U	1400 U	4200	2600	2600	6200	3300	4700
ANTIMONY	1.8 U	2.5 U	1.6 U	1.7 U	1.7 U	1.6 U	1.6 U	2.2 U
ARSENIC	16	3.4 U	4.2	2.9	2.4 U	2.3 U	5	14
BARIUM	50	53	16	12	12 U	57	120	250
BERYLLIUM	0.5 U	0.68 U	0.44 U	0.46 U	0.48 U	0.45 U	0.43 U	.9
CADMIUM	0.37 U	0.51 U	0.33 U	0.34 U	0.36 U	0.34 U	0.32 U	.78
CALCIUM METAL	1300 U	1700 U	1100 U	1100 U	1200 U	1100 U	16000	9900
CHROMIUM	5.1	6.8 U	7.2	5.6	6.3	7.8	9.4	31
COBALT	2.7	2.8 U	5.4	1.9 U	2 U	5.3	4.6	8.9
COPPER	15	7.7	4.2 U	4.4 U	4.6 U	8.2	98	150
IRON	19000	4000 U	12000	9200	9000	11000	12000	19000
LEAD	6.8	6.8 U	4.4 U	4.6 U	4.8 U	5.1	120	200
MAGNESIUM	740 U	6800	1100	680 U	710 U	1800	7400	2900
MANGANESE	20 U	27 U	150	49	51	92	210	420
NICKEL	8.1	4.1 U	4.7	2.8 U	2.9 U	8.1	29	86
POTASSIUM	460	120 U	570	490	490	690	570	690
SELENIUM	3.5	4.2 U	2.8 U	2.9 U	3 U	2.8 U	2.7 U	3.8 U
SILVER	0.62 U	1.8	0.56 U	0.57 U	0.6 U	.6	.57	.8
SODIUM	260	3000	440 U	700	890	3900	430 U	1100
THALLIUM	1.5 U	2 U	1.3 U	1.4 U	1.4 U	1.4 U	1.3 U	1.8 U
VANADIUM	13 U	17 U	15	12	13	14	31	52
ZINC	13 U	17 U	22	15	16	29	250	420
MERCURY	0.18 U	0.24 U	0.16 U	0.16 U	0.17 U	0.16 U	.46	1

Table 5D
Soil Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-10D	PG-PA-MW-10D	PG-MW10D	PG-MW10D	PG-PA-MW-11D
Sample Date	11/27/2000	11/27/2000	11/27/2000	11/27/2000	11/15/2000
Sample ID	PG-PAMW10D	PG-PAMW10D	PG-MW10D	PG-MW10D	PG-PAMW-11D
Sample Depth	0.5-2'	4-6'	7-8'	8-10'	0-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	3000	2900	2800	3600	1100
ANTIMONY	1.6 U	1.6 U	2.4	2.2 U	1.6 U
ARSENIC	3.9	7.6	140	12	2.2
BARIUM	42	35	51	120	12
BERYLLIUM	.58	.49	.93	0.62 U	0.43 U
CADMIUM	0.33 U	0.34 U	.44	0.46 U	0.33 U
CALCIUM METAL	3800	3100	120000	5800	1100 U
CHROMIUM	6.7	5	13	6.2 U	4.3 U
COBALT	3.2	2.8	3.9	3.1	1.8 U
COPPER	17	19	95	6.4	4.1 U
IRON	10000	8100	19000	6600	5600
LEAD	15	19	84	24	9.9
MAGNESIUM	2000	2100	52000	1700	640 U
MANGANESE	190	160	210	120	84
NICKEL	5.1	7.5	29	4.2	2.7 U
POTASSIUM	440 U	450 U	550 U	620 U	430 U
SELENIUM	2.8 U	2.8 U	3.4 U	3.8 U	2.7 U
SILVER	0.56 U	0.57 U	0.68 U	.78	0.54 U
SODIUM	440 U	450 U	550 U	1900	430 U
THALLIUM	1.3 U	1.4 U	1.6 U	1.8 U	1.3 U
VANADIUM	17	14	40	15 U	11 U
ZINC	25	51	170	17	29
MERCURY	0.16 U	.38	0.19 U	0.22 U	0.15 U

Table 5D
Soil Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-12	PG-PA-MW-12	PG-PA-MW-12	PG-PA-MW-12	PG-PA-MW-13	PG-PA-MW-13	PG-PA-MW-14D	PG-PA-MW-14D
Sample Date	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/15/2000	11/20/2000	11/15/2000	11/17/2000
Sample ID	PG-MWPA12	PG-MWPA12	PG-MWPA12	PG-MWPA12	PG-PAMW-13	PG-PAMW13	PG-PAMW-14D	PAMW14D
Sample Depth	0-1.5'	1.5-2.4'	6-8'	18-20'	1-2.5'	2.5-4'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	2400	820	1100	7400	2500	4800	3600	6300
ANTIMONY	1.6 U	2.5 U	3.1 U	3.3 U	1.8 U	1.7 U	1.7 U	2 U
ARSENIC	11	3.4 U	4.3 U	14	4.1	7	30	13
BARIUM	79	31	32	43	45	71	560	380
BERYLLIUM	0.45 U	0.68 U	0.85 U	0.91 U	0.51 U	0.48 U	.81	1
CADMIUM	0.34 U	0.51 U	0.64 U	0.68 U	0.38 U	0.36 U	0.36 U	0.42 U
CALCIUM METAL	51000	260000	320000	8300	21000	26000	20000	27000
CHROMIUM	4.5 U	6.8 U	8.5 U	16	5.1 U	14	19	11
COBALT	2	2.8 U	3.5 U	9.1	2.5	7.7	4.1	5.1
COPPER	28	6.4 U	8.1 U	19	14	69	110	28
IRON	6000	470	670	17000	5000	31000	12000	27000
LEAD	72	6.8 U	8.5 U	13	58	6300	390	120
MAGNESIUM	30000	1200	6200	1900	10000	8600	5900	4000
MANGANESE	82	27 U	34 U	110	75	300	230	150
NICKEL	5.8	4.1 U	5.2 U	36	920	480	30	24
POTASSIUM	620	180 U	230 U	1700	510 U	710	980	560 U
SELENIUM	2.8 U	4.2 U	5.3 U	5.7 U	3.2 U	3 U	3 U	3.5 U
SILVER	0.56 U	0.85 U	1.1 U	1.1 U	0.63 U	0.6 U	.9	.72
SODIUM	450 U	2200	2500	13000	510 U	1300	630	780
THALLIUM	1.3 U	2 U	2.6 U	2.7 U	1.5 U	1.4 U	1.4 U	1.7 U
VANADIUM	14	17 U	21 U	30	15	29	20	19
ZINC	99	17 U	21 U	590	68	120	600	85
MERCURY	1.8	0.24 U	0.3 U	0.32 U	.25	.76	.28	0.2 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-A-1**	**PG-A-2**	**PG-A-2**	**PG-A-3**	**PG-A-3**	**PG-A-3**	**PG-A-4**	**PG-A-4**	**PG-A-5**
Sample Date	12/2/2000	11/29/2000	11/29/2000	11/16/2000	11/16/2000	11/16/2000	11/16/2000	11/16/2000	11/14/2000
Sample ID	PG-A-01	PG-A-02	PG-A-02	PG-A-03	PG-A-03	PG-A-03	PG-A-04	PG-A-04	PG-A-05
Sample Depth	2-4'	0-2'	2-4'	2.4-4'	6-8'	10-12'	6-8'	12-14'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	61	36 U	64 U	85 U	67 U	100	47 U	74	12000
OIL & GREASE	1100	91	130	850	430	670	91 U	2100	9700
CYANIDE	0.31 U	0.26 U	0.47 U	0.63 U	0.49 U	0.42 U	0.34 U	0.53 U	0.74
pH	7.6	8.0	8.4	12	12	13	10	11	4.9
TOTAL PHENOLICS	5.1	1.3 U	2.4 U	3.1 U	2.4 U	2.1 U	1.7 U	2.7 U	1.5 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	PG-A-6	PG-B-1	PG-B-1	PG-B-1	PG-B-02	PG-B-02	PG-B-02A	PG-B-3	PG-B-3
Sample Date	11/10/2000	12/4/2000	12/4/2000	12/4/2000	11/16/2000	11/16/2000	11/16/2000	12/4/2000	12/4/2000
Sample ID	PG-A-06	PG-B-01	PG-B-01	PG-B-01	PG-B-02	PG-A-02	PG-B-02A	PG-B-03	PG-B-03
Sample Depth	1-3'	2-4'	6-8'	9-10'	2-4'	6-8'	8-10'	2-4'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	66	39 U	41 U	43 U	1200	10000	890	15000	13000
OIL & GREASE	490	76 U	80 U	84 U	1800	20000	460	22000	4200
CYANIDE	0.58	0.28 U	0.3 U	0.32 U	0.29 U	0.35 U	0.33 U	0.35 U	0.41 U
pH	7.4	10	8.8	8.0	8.8	7.9	8.0	9.1	9.2
TOTAL PHENOLICS	1.7 U	1.4 U	1.5 U	1.6 U	1.5 U	1.7 U	1.6 U	1.7 U	2.0 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-B-4**	**PG-D-1**	**PG-D-1**	**PG-D-1**	**PG-D-2**	**PG-D-2**	**PG-D-3**	**PG-D-4**	**PG-D-4A**
Sample Date	12/4/2000	12/1/2000	12/1/2000	12/1/2000	12/4/2000	12/4/2000	12/1/2000	12/2/2000	12/2/2000
Sample ID	PG-B-04	PG-D-01	PG-D-01	PG-D-01	PG-D-02	PG-D-02	PG-D-03	PG-D-04	PG-D-4A
Sample Depth	2-4'	0-2'	6-8'	18-20'	0-2'	6-8'	1-3'	0-2'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	1400	2000	4200	66	58	2100	67	51	44 U
OIL & GREASE	2000	17000	13000	130 U	79 U	570	77 U	78 U	87 U
CYANIDE	0.29 U	0.3 U	0.35 U	0.48 U	0.27 U	0.36 U	0.29 U	0.29 U	0.32 U
pH	7.8	7.6	7.7	8.8	8.5	7.8	7.5	7.2	7.9
TOTAL PHENOLICS	1.5 U	1.5 U	1.8 U	2.4 U	1.4 U	1.8 U	1.4 U	1.5 U	1.6 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-E-1**	**PG-E-1**	**PG-E-1**	**PG-F1-3**	**PG-F1-3**	**PG-F2-2**	**PG-F2-2**	**PG-G-2**	**PG-G-2**
Sample Date	11/13/00	11/13/00	11/13/00	11/10/00	11/10/00	11/20/00	11/20/00	11/21/2000	11/21/2000
Sample ID	PG-E-01	PG-E-01	PG-E-01	PG-F1-3	PG-F1-3	PG-F2-2	PG-F2-2	PG-G-02	PG-G-02
Sample Depth	0.2-2'	4-6'	10-12'	1-3'	3-5'	2-4'	8-10'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	150	120	96	1600	68 U	37 U	40 U	40 U	65 U
OIL & GREASE	1200	2600	430	17000	250	140	78 U	78 U	130 U
CYANIDE	0.58	0.84	0.47 U	0.30 U	0.50 U	0.27 U	0.29 U	0.29 U	0.48 U
pH	7.4	7.7	8.7	7.9	8.7	9.9	6.4	8.3	7.9
TOTAL PHENOLICS	1.4 U	1.4 U	2.4 U	16	2.5 U	1.4 U	1.4 U	1.4 U	2.4 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-G-2**	**PG-G-3**	**PG-G-4**	**PG-G-5**	**PG-G-5A**	**PG-G-6**	**PG-G-6**	**PG-G7(N)**	**PG-G7(N)**
Sample Date	11/21/2000	11/27/2000	11/29/2000	12/1/2000	12/1/00	12/1/00	12/1/00	11/21/00	11/21/00
Sample ID	PG-G-02	PG-G-03	PG-G-04	PG-G-05	PG-G-5A	PG-G-06	PG-G-06	PG-G-7N	PG-G-7N
Sample Depth	6-8'	0-2'	6-8'	4-6'	8-10'	4-6'	6-8'	8-10'	10-12'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	42 U	93	44 U	42 U	42 U	1400	42 U	410	62
OIL & GREASE	82 U	120	87 U	82 U	82 U	9000	82 U	460	82 U
CYANIDE	0.31 U	0.30 U	0.32 U	0.31 U	0.31 U	4.9	0.31 U	0.29 U	0.31 U
pH	7.7	7.5	6.9	7.1	7.6	7.1	7.4	8.6	8.0
TOTAL PHENOLICS	1.5 U	1.5 U	1.6 U	1.5 U	1.5 U	1.4 U	1.5 U	6.5	1.5 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	PG-G-8	PG-G-8	PG-G-9	PG-G-10	PG-H/R-1	PG-H/R-1	PG-H/R-2	PG-H/R-2	PG-H/R-3
Sample Date	11/30/00	11/30/00	11/28/00	11/28/2000	12/2/2000	12/2/00	11/10/00	11/10/00	11/10/00
Sample ID	PG-G-08	PG-G-08	PG-G-09	PG-G-10	PG-H/R-01	PG-H/R-01	PG-H/R-2	PG-H/R-2	PG-H/R-3
Sample Depth	1-2'	6-7'	4-6'	2-4'	1-3'	3-4.5'	0-1.5'	1.5-3.5'	0.3-1'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	37 U	40 U	41 U	150	47 U	68 U	40	61 U	59
OIL & GREASE	79	280	80 U	610	91 U	130 U	310	310	390
CYANIDE	0.72	1.9	0.30 U	0.28 U	0.34 U	0.5 U	0.45 U	0.45 U	0.30 U
pH	6.5	6.3	9.4	7.9	8.2	8.4	8.0	8.3	8.1
TOTAL PHENOLICS	1.3 U	1.8	1.5 U	1.4 U	1.7 U	2.5 U	1.4 U	2.2 U	1.5 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-H/R-3**	**PG-I-1**	**PG-I-1**	**PG-K-1**	**PG-K-1**	**PG-K-2**	**PG-K-2**	**PG-L-1**	**PG-L-1**
Sample Date	11/10/00	11/13/2000	11/13/00	11/9/00	11/9/00	11/29/00	11/29/00	12/1/2000	12/1/2000
Sample ID	PG-H/R-3	PG-I-01	PG-I-01	PG-K-01	PG-K-01	PG-K-02	PG-K-02	PG-L-01	PG-L-01
Sample Depth	1-3'	0-2'	2-4'	2-4'	5-6'	0-2.5'	2.5-4'	2-4'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	60 U	55	56 U	47	48 U	240	2100	81 U	43 U
OIL & GREASE	270	81 U	110	290	480	1100	10000	160 U	100
CYANIDE	0.44 U	0.71	0.93	83	3.2	0.27 U	0.35 U	0.6 U	0.32 U
pH	8.4	8.0	7.9	7.1	7.6	7.0	6.3	8.8	7.9
TOTAL PHENOLICS	2.2 U	1.5 U	2.0 U	1.7 U	1.8 U	1.3 U	1.7 U	3.0 U	1.6 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-L-2**	**PG-L-2**	**PG-L3(FILL)**	**PG-L3(FILL)**	**PG-L3(FILL)**	**PG-L-4**	**PG-L-4**	**PG-L-5**	**PG-L-5**
Sample Date	11/8/2000	11/8/2000	11/24/00	11/24/00	11/24/00	12/2/2000	12/2/00	12/2/00	12/2/00
Sample ID	PG-L-02	PG-L-02	PG-L3FILL	PG-L3FILL	PG-L3FILL	PG-L-04	PG-L-04	PG-L-05	PG-L-05
Sample Depth	8-10'	10-12'	2-4'	8-10'	12-14'	0-2'	6-8'	2-3.8'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	67 U	41 U	480	41 U	43 U	42	42 U	64	40 U
OIL & GREASE	680	1800	2100	280	150	130	82 U	75 U	79 U
CYANIDE	2.8	0.30 U	0.32 U	0.30 U	0.31 U	0.27 U	0.31 U	0.28 U	0.30 U
pH	9.2	7.9	7.4	7.3	7.2	8.4	7.9	7.6	6.7
TOTAL PHENOLICS	2.4 U	1.5 U	1.6 U	1.5 U	1.6 U	1.3 U	1.5 U	1.4 U	1.5 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	PG-L-6	PG-L-6	PG-M-01	PG-M-01	PG-M-2	PG-M-2	PG-M-3	PG-M-4	PG-M-4
Sample Date	11/8/00	11/8/00	11/25/2000	11/25/2000	11/27/2000	11/27/2000	11/27/2000	11/22/2000	11/22/2000
Sample ID	PG-L-06	PG-L-06	PG-M-01	PG-M-01	PG-M-02	PG-M-02	PG-M-03	PG-M-04	PG-M-04
Sample Depth	6-7.5'	7.5-8'	0-2'	4-6'	2-4'	4-6'	2-4'	2-4'	6-8'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	67 U	39 U	180	2500	99	50 U	570	41 U	43
OIL & GREASE	370	76 U	2100	31000	220	920	460	140	78 U
CYANIDE	0.49 U	0.28 U	0.28 U	0.32 U	0.32 U	0.37 U	0.28 U	0.30 U	0.29 U
pH	8.6	7.6	7.6	6.1	7.8	5.2	7.5	7.1	7.0
TOTAL PHENOLICS	2.4 U	1.4 U	1.4 U	1.6 U	1.6 U	1.8 U	1.4 U	1.5 U	1.5 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	PG-M-5	PG-P-1	PG-P-1	PG-P-2	PG-P-2	PG-P-3	PG-P-3	PG-PD-1	PG-PD-1
Sample Date	11/30/2000	11/22/2000	11/22/2000	11/30/2000	11/30/2000	11/22/00	11/22/00	11/21/2000	11/21/2000
Sample ID	PG-M-05	PG-P-01	PG-P-01	PG-P-02	PG-P-02	PG-P-03	PG-P-03	PG-PD-01	PG-PD-01
Sample Depth	6-6.5'	2-4'	8-10'	2-4'	4-6'	2-4'	6-8'	2-4'	10-12'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	41 U	37 U	43 U	40 U	40 U	74	39 U	38 U	43 U
OIL & GREASE	81 U	72 U	84 U	220	79 U	110	77 U	170	370
CYANIDE	0.38	0.27 U	0.32 U	0.29 U	0.30 U	0.29 U	0.29 U	0.28 U	0.32 U
pH	7.6	6.4	6.9	6.7	7.3	7.3	7.8	8.4	7.0
TOTAL PHENOLICS	1.5 U	1.4 U	1.6 U	1.4 U	1.8	1.4 U	1.4 U	1.4 U	1.6 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	PG-PD-3	PG-PD-4	PG-PD-5	PG-PD-5	PG-PD-6	PG-PD-6	PG-PD-8	PG-PD-8	PG-PD-8
Sample Date	11/29/2000	12/2/00	12/2/00	12/2/00	11/21/00	11/21/00	11/29/00	11/29/00	11/29/00
Sample ID	PG-PD-3	PG-PD-4	PG-PD-5	PG-PD-5	PG-PD-06	PG-PD-06	PG-PD-8	PG-PD-8	PG-PD-8
Sample Depth	4-6'	8-10'	0.7-1.5'	2-4'	6-8'	12-14'	2-4'	8-10'	16-17'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	42 U	41 U	62	38 U	72 U	210	1600	2500	780
OIL & GREASE	82 U	81 U	190	75 U	470	6200	19000	31000	17000
CYANIDE	0.31 U	0.3 U	0.28 U	0.28 U	0.53 U	0.96 U	1.2	0.46	0.52
pH	8.8	7.7	12	10	7.3	10	4.6	4.8	5.8
TOTAL PHENOLICS	1.5 U	1.5 U	1.4 U	1.4 U	2.7 U	25	3.1	7.3	2.5 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-PD-9**	**PG-PD-9**	**PG-PD-10**	**PG-PD-10**	**PG-PD-11**	**PG-PD-14**	**PG-PD-14**	**PG-Q1-1**	**PG-Q1-1**
Sample Date	12/4/00	12/4/00	11/28/2000	11/28/2000	11/27/2000	11/24/2000	11/24/2000	11/30/2000	11/30/2000
Sample ID	PG-PD-09	PG-PD-09	PG-PD-10	PG-PD-10	PG-PD-11	PG--PD-14	PG--PD-14	PG-Q1-1	PG-Q1-1
Sample Depth	4-6'	8-10'	2-4'	6-8'	4-6'	2-4'	6-8'	2-4'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	160	350	1700	93	60 U	39 U	71	39 U	260
OIL & GREASE	450	900	42000	530	630	77 U	78 U	280	810
CYANIDE	0.37 U	0.38 U	0.29 U	0.64 U	0.44 U	0.29 U	0.29 U	0.29	0.45
pH	5.4	7.2	5.9	11	7.9	6.8	6.3	8.9	7.4
TOTAL PHENOLICS	1.8 U	1.9 U	1.4 U	4.3	2.2 U	1.4 U	1.5 U	1.4 U	1.9 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-RR-1**	**PG-RR-1**	**PG-RR-2**	**PG-RR-3**	**PG-RR-4**	**PG-RR-4**	**PG-RR-5**	**PG-RR-5**	**PG-RR-6**
Sample Date	11/3/2000	11/3/2000	11/4/2000	11/3/2000	11/4/2000	11/4/2000	11/7/2000	11/7/2000	11/6/2000
Sample ID	PG-RR-01	PG-RR-01	PG-RR-02	PG-RR-03	PG-RR-04	PG-RR-04	PG-RR-05	PG-RR-05	PG-RR-06
Sample Depth	0-1.2'	1.2-2'	0-2'	1.5-2'	0.6-2'	3-4'	1-2'	2-4'	1-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	130	42	40 U	110	160	71	37 U	37 U	37 U
OIL & GREASE									72 U
CYANIDE	0.68	0.47	0.29 U	0.29 U	0.28 U	0.31 U	0.27 U	0.27 U	0.27 U
pH									6.5
TOTAL PHENOLICS	1.4 U	1.4 U	1.5 U	1.4 U	1.4 U	1.6 U	1.4 U	1.3 U	1.4 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-RR-6**	**PG-RR-7**	**PG-RR-7**	**PG-RR-8**	**PG-RR-8**	**PG-RR-10**	**PG-RR-10**	**PG-RR-15**	**PG-RR-15**
Sample Date	11/6/2000	11/6/2000	11/6/2000	12/1/2000	12/1/2000	12/2/00	12/2/00	11/25/00	11/27/00
Sample ID	PG-RR-06	PG-RR-07	PG-RR-07	PG-RR-08	PG-RR-08	PG-RR10	PG-RR10	PG-RR-15	PG-RR-15
Sample Depth	2-4'	0-2'	2-4'	2-4'	6-8'	2-2.5'	8-10'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	37 U	86	250	64	47 U	170	4900	35 U	200
OIL & GREASE	72 U	290	7500	170	240	250	31000	69 U	98 U
CYANIDE	0.27 U	0.27 U	0.27 U	0.39 U	0.35 U	0.34 U	0.33 U	0.26 U	0.37 U
pH	5.0	3.8	4.7	6.8	7.6	8.0	7.0	7.5	7.5
TOTAL PHENOLICS	1.4 U	1.3 U	1.4 U	2.0 U	10	1.7 U	1.6 U	1.3 U	1.8 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	PG-STAIN-1	PG-STAIN-1	PG-STAIN-02	PG-STAIN-02	PG-STAIN-03	PG-STAIN-03	PG-STAIN-3B	PG-STAIN-3B	PG-FS-1B
Sample Date	11/24/2000	11/24/2000	11/11/2000	11/11/2000	11/10/2000	11/10/2000	11/11/00	11/11/00	11/17/2000
Sample ID	PG-STAIN-1	PG-STAIN-1	PG-ST-02	PG-ST-02	PG-ST-03	PG-ST-03	PG-ST-3B	PG-ST-3B	PG-FS-01B
Sample Depth	0-2'	4-6'	1-2'	2-3'	1.7-2.5'	2.5-3.5'	0-2'	2-4'	1-2'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	61	48	40 U	49	3600	170	680	37 U	6900
OIL & GREASE	74 U	130	78 U	80 U	7400	84 U	1500	72 U	110000
CYANIDE	0.28 U	0.30 U	0.29 U	0.30 U	0.29 U	0.32 U	0.27 U	0.27 U	0.50 U
pH	6.7	5.1	7.2	7.0	5.3	4.3	6.9	6.9	7.8
TOTAL PHENOLICS	1.4 U	1.5 U	1.5 U	1.5 U	5.5	1.6 U	1.3 U	1.3 U	2.5 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-FS-1B**	**PG-FS-1B**	**PG-FS-2**	**PG-FS-2**	**PG-FS-2**	**PG-FS-3**	**PG-FS-3**	**PG-FS-4**	**PG-FS-4**
Sample Date	11/17/2000	11/17/2000	11/17/2000	11/17/2000	11/17/2000	11/15/00	11/15/00	11/15/00	11/15/00
Sample ID	PG-FS-01B	PG-FS-01B	PG-FS-02	PG-FS-02	PG-FS-02	PG-FS03	PG-FS03	PG-FS04	PG-FS04
Sample Depth	6-6.5'	12-13.5'	2-4'	8-10'	17-18'	2-4'	6.5-8'	0.5-1'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	62	65 U	70	41 U	38 U	49	40 U	170	50 U
OIL & GREASE	460	130 U	76	130	75 U	77 U	78 U	1400	330
CYANIDE	0.40 U	0.48 U	0.28 U	0.30 U	0.28 U	0.29 U	0.29 U	0.56	0.53
pH	8.0	8.3	7.2	6.6	7.7	6.6	7.2	7.4	5.3
TOTAL PHENOLICS	2.0 U	2.4 U	1.4 U	1.5 U	1.4 U	1.4 U	1.5 U	1.6 U	1.8 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-FS-6**	**PG-FS-6**	**PG-FS-7**	**PG-FS-7**	**PG-FS-8**	**PG-FILL-02**	**PG-FILL-03**	**PG-FILL-03**	**PG-FILL-03**
Sample Date	11/24/00	11/24/00	12/1/00	12/1/00	11/24/00	11/3/2000	11/4/2000	11/6/2000	11/6/2000
Sample ID	PG-FS-06	PG-FS-06	PG-FS-7	PG-FS-7	PG-FS-08	PGFILL02	PGFILL03	PGFILL03	PGFILL03
Sample Depth	1-2'	4-6'	2-4'	8-10'	0-2'	0.7-3'	0.5-2'	2-4'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	7900	44 U	46	43 U	36 U	330	100	69	38 U
OIL & GREASE	14000	85 U	250	84 U	71 U	1400	12000	11000	190
CYANIDE	0.27 U	0.32 U	0.32 U	0.32 U	0.27 U	0.32 U	0.27 U	0.28 U	0.28 U
pH	7.6	7.6	7.6	7.0	7.1	7.2	7.7	7.5	7.9
TOTAL PHENOLICS	1.4 U	1.6 U	1.6 U	1.6 U	1.3 U	1.4 U	1.4 U	1.4 U	1.4 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-04	PG-FILL-04	PG-FILL-04	PG-FILL-04	PG-FILL-5	PG-FILL-5	PG-FILL-7	PG-FILL-7	PG-FILL-7
Sample Date	11/6/2000	11/6/2000	11/6/2000	11/6/2000	11/18/2000	11/18/2000	12/4/2000	12/4/2000	12/4/2000
Sample ID	PGFILL04	PGFILL04	PGFILL04	PGFILL04	PG-FILL-5	PG-FILL-5	PG-FILL7	PG-FILL7	PG-FILL7
Sample Depth	0-2'	2-4'	4-6'	7-8'	2-4'	6-8'	1-2.5'	2.5-4'	10-12'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	120	45	39 U	43 U	37 U	40 U	43	72	72 U
OIL & GREASE	640	310	150	83 U	72 U	78 U	72 U	75 U	160
CYANIDE	0.29 U	0.28 U	0.29 U	0.31 U	0.27 U	0.29 U	0.27 U	0.28 U	0.53 U
pH	6.8	5.3	6.3	6.6	7.2	6.2	11	8.3	11
TOTAL PHENOLICS	1.4 U	1.4 U	1.4 U	1.6 U	1.3 U	1.4 U	1.4 U	1.4 U	2.7 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-FILL-8**	**PG-FILL-8**	**PG-FILL-10**	**PG-FILL-10**	**PG-FILL-11**	**PG-FILL-11**	**PG-FILL-12**	**PG-FILL-13**	**PG-FILL-13**
Sample Date	12/2/2000	12/2/2000	12/1/2000	12/1/2000	11/21/2000	11/21/2000	11/27/2000	11/30/2000	11/30/2000
Sample ID	PG-FILL08	PG-FILL08	PG-FILL10	PG-FILL10	PG-FILL11	PG-FILL11	PG-FILL12	PG-FILL13	PG-FILL13
Sample Depth	0-2'	6-8'	3-4'	6.4-8.2'	1-2'	2-3.5'	1-2'	1-3'	3-5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	120	71 U	37 U	160	57 U	110	290	48	40 U
OIL & GREASE	1100	140 U	95	2000	370	850	1200	300	79 U
CYANIDE	0.3 U	0.52 U	0.27 U	0.6 U	0.42 U	0.30 U	0.33 U	0.32	0.35
pH	8.5	10	8.2	7.5	7.8	7.9	7.4	7.3	7.4
TOTAL PHENOLICS	1.5 U	2.6 U	1.4 U	3.0 U	2.1 U	1.5 U	1.6 U	1.5 U	1.5 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	PG-FILL-14	PG-FILL-14	PG-FILL-15	PG-FILL-15	PG-FILL-16	PG-FILL-17	PG-FILL-17	PG-FILL-20	PG-FILL-20
Sample Date	11/30/2000	11/30/2000	11/25/2000	11/25/2000	11/24/2000	11/24/2000	11/24/2000	11/2/2000	11/2/2000
Sample ID	PG-FILL14	PG-FILL14	PG-FILL15	PG-FILL15	PG-FILL16	PG-FILL-17	PG-FILL-17	PGFILL20-	PGFILL20
Sample Depth	4-6'	6-8'	4-6'	12-13'	2-4'	0-2'	2-4'	0.2-2'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	41 U	40 U	3100	40 U	44	260	38 U	2400	64 U
OIL & GREASE	81 U	79 U	15000	430	280	560	440	5200	360
CYANIDE	0.3 U	0.3 U	0.33 U	0.29 U	0.29 U	0.27 U	0.28 U	0.27 U	0.47 U
pH	7.0	6.8	6.5	6.0	6.4	6.8	4.4	8.0	9.0
TOTAL PHENOLICS	1.5 U	1.5 U	1.7 U	1.4 U	1.5 U	1.4 U	1.4 U	1.3 U	2.4 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-FILL-20**	**PG-FILL-20**	**PG-FILL-20**	**PG-FILL-20**	**PG-FILL-20**	**PG-FILL-20**	**PG-FILL-20**	**PG-FILL-21**	**PG-FILL-21**
Sample Date	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/13/2000	11/13/2000
Sample ID	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL20	PGFILL21	PGFILL21
Sample Depth	4-6'	6-8'	8-10'	10-12'	12-14'	14-15.5'	15.5-16'	2-4'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	69 U	65 U	69 U	65 U	63 U	68 U	94 U	96	38 U
OIL & GREASE	240	170	190	140	120 U	130 U	1200	650	160
CYANIDE	0.51 U	0.48 U	0.51 U	0.48 U	0.46 U	0.50 U	0.69 U	0.61	0.76
pH	10	10	12	12	12	12	9.4	6.8	7.9
TOTAL PHENOLICS	2.6 U	2.4 U	2.6 U	2.4 U	2.3 U	2.5 U	3.5 U	1.3 U	1.4 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-FILL-25**	**PG-FILL-25**	**PG-FILL-25**	**PG-UST1-2**	**PG-UST1-2**	**PG-UST2-1**	**PG-UST2-1**	**PG-UST2-1A**	**PG-UST2-1B**
Sample Date	12/1/2000	12/1/2000	12/1/2000	11/20/2000	11/20/2000	11/30/2000	11/30/2000	11/30/2000	11/30/2000
Sample ID	PG-FILL25	PG-FILL25	PG-FILL25	PG-UST1-2	PG-UST1-2	PG-UST2-1	PG-UST2-1	PG-UST2-1A	PG-UST2-1B
Sample Depth	0-2'	4-6'	8-10'	2-4'	12-14'	6-7'	8-10'	0-2'	4-5.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	55 U	77	50	60	41 U	970	11000	120	130
OIL & GREASE	200	1300	280	270	79 U	2000	36000	610	160
CYANIDE	0.4 U	0.49 U	0.35 U	0.27 U	0.30 U	0.35	0.3 U	1.1 U	0.36 U
pH	8.6	8.3	8.3	7.1	6.7	7.8	8.4	7.0	7.0
TOTAL PHENOLICS	2.0 U	2.4 U	1.8 U	1.3 U	1.5 U	1.5 U	1.5 U	5.7 U	1.8 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST2-1B	PG-UST2-2	PG-UST2-2	PG-UST2-3	PG-UST2-3	PG-UST2-3	PG-UST4-1	PG-UST4-1	PG-UST4-1
Sample Date	11/30/2000	11/30/2000	11/30/2000	12/1/2000	12/1/2000	12/1/2000	11/20/2000	11/20/2000	11/20/2000
Sample ID	PG-UST2-1B	PG-UST2-2	PG-UST2-2	PG-UST2-3	PG-UST2-3	PG-UST2-3	PG-UST4-1	PG-UST4-1	PG-UST4-1
Sample Depth	4-6'	4-5.5'	10-12'	2-4'	7.5-9'	12-14'	2-4'	10-11.5'	14-15.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	4900	39 U	2800	42 U	15000	480	200	45 U	92
OIL & GREASE	27000	77 U	26000	82 U	37000	1800	3300	690	220
CYANIDE	0.28 U	0.29 U	0.32 U	0.31 U	0.42 U	0.48 U	0.32 U	0.77	0.32 U
pH	8.2	7.7	8.3	7.4	8.2	8.4	6.5	7.8	10
TOTAL PHENOLICS	1.4 U	1.4 U	1.6 U	7.2	10	2.4 U	1.6 U	1.7 U	1.6 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-UST4-2**	**PG-UST4-2**	**PG-UST5-2**	**PG-UST6-2**	**PG-UST6-2**	**PG-UST6-2**	**PG-UST6-3**	**PG-UST6-3**	**PG-UST7-1**
Sample Date	11/20/2000	11/20/2000	11/27/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000
Sample ID	PG-UST4-2	PG-UST4-2	PG-UST5-2	PG-UST6-2	PG-UST6-2	PG-UST6-2	PG-UST6-3	PG-UST6-3	PG-UST7-1
Sample Depth	4-6'	12-14'	4-6'	4-6'	8-10'	16-18'	1.5-2'	14-16'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	51 U	150	170	68 U	79 U	83 U	150	130	290
OIL & GREASE	470	830	1100	290	260	160 U	780	1600	580
CYANIDE	0.33 U	0.37 U	0.46 U	0.50 U	0.58 U	0.61 U	0.29 U	0.78 U	0.29 U
pH	7.4	11	8.0	9.7	12	12	9.9	12	9.1
TOTAL PHENOLICS	1.7 U	1.9 U	2.3 U	2.5 U	2.9 U	3.1 U	1.5 U	3.9 U	1.5 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	PG-UST7-1A	PG-UST7-1B	PG-UST7-2	PG-UST7-2	PG-UST9-1	PG-UST9-1	PG-WOOD-1C	PG-WOOD-3	PG-WOOD-3
Sample Date	11/28/2000	11/28/2000	11/21/2000	11/21/2000	11/25/2000	11/25/2000	11/9/2000	11/10/2000	11/10/2000
Sample ID	PG-UST7-1A	PG-UST7-1B	PG-UST7-2	PG-UST7-2	PG-UST9-1	PG-UST9-1	PG-WD-01C	PG-WD-03	PG-WD-03
Sample Depth	0-2'	2-3.5'	8-10'	10-12'	2-4'	8-10'	10-12'	0.5-2'	2-4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	5500	12000	1100	460	40 U	40 U	69	710	73
OIL & GREASE	14000	24000	2200	5300	79 U	78 U	540	2800	1200
CYANIDE	0.27 U	0.28 U	0.29 U	0.30 U	0.30 U	0.29 U	0.46 U	0.28 U	0.29 U
pH	8.4	8.2	7.3	7.4	7.3	7.5	8.2	7.4	7.7
TOTAL PHENOLICS	1.3 U	1.4 U	1.4 U	1.5 U	1.5 U	1.5 U	2.3 U	1.4 U	1.5 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	PG-WOOD-3	PG-WOOD-3	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05	PG-WOOD-05
Sample Date	11/29/2000	11/29/2000	11/7/2000	11/7/2000	11/7/2000	11/7/00	11/7/00
Sample ID	PG-WOOD-3	PG-WOOD-3	PG-WD-05	PG-WD-05	PG-WD-05	PG-WD-05	PG-WD-05
Sample Depth	2-4'	6-8'	0-2'	2-4'	4-6'	6-8'	8-10'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	140	67 U	41 U	1000	47	95	58 U
OIL & GREASE	1300	130	80 U	13000	250	18000	110 U
CYANIDE	16	3.2	0.30 U	0.30 U	0.30 U	0.34 U	0.42 U
pH	8.2	9.0	7.2	7.1	7.1	6.8	7.5
TOTAL PHENOLICS	1.6	3.7	1.5 U	1.5 U	1.5 U	1.7 U	2.1 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-WOOD-05**	**PG-PA-MW-1**	**PG-PA-MW-1**	**PG-PA-MW-1**	**PG-PA-MW-4**	**PG-PA-MW-4**	**PG-PA-MW-5**	**PG-PA-MW-6**	**PG-MW-6**
Sample Date	11/7/00	11/22/2000	11/22/2000	11/22/2000	11/24/2000	11/24/2000	11/9/2000	11/7/2000	11/7/2000
Sample ID	PG-WD-05	PG-PAMW1	PG-PAMW1	PG-PAMW1	PG-PAMW-04	PG-PAMW-04	PG-PAMW-05	PG-MWPA-06	PG-MWPA-06
Sample Depth	14-16'	3-4.5'	4.5-6'	10-12'	2-4'	6-8'	0-2'	1.5-3'	3-4.5'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	110	56 U	71 U	63 U	41	43 U	42	72	74
OIL & GREASE	410	110 U	140 U	120 U	77 U	83 U	310	72 U	78 U
CYANIDE	0.86 U	0.41 U	0.52 U	0.46 U	0.29 U	0.31 U	0.29 U	0.52	4.4
pH	7.7	7.7	7.8	11	7.5	7.2	7.7	6.9	7.0
TOTAL PHENOLICS	4.3 U	2.0 U	2.6 U	2.3 U	1.4 U	1.6 U	1.4 U	1.4 U	1.5 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-MW-6**	**PG-MW-6**	**PG-MW-6**	**PG-PA-MW-7**	**PG-PA-MW-7**	**PG-PA-MW-7**	**PG-PA-MW-7**	**PG-PA-MW-8**	**PG-PA-MW-8**
Sample Date	11/7/2000	11/7/2000	11/7/2000	11/13/2000	11/13/2000	11/13/2000	11/13/2000	11/28/2000	11/28/2000
Sample ID	PG-MWPA-06	PG-MWPA-06	PG-MWPA-06	PG-PAMW-07	PG-PAMW-07	PG-PAMW-07	PG-PAMW-07	PG-PAMW-8	PG-PAMW-8
Sample Depth	4.5-6'	6-8'	8.5-10'	2.5-4'	4-6'	6-8'	8-10'	0.5-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	87	43 U	58 U	38 U	51	41 U	39 U	5500	79
OIL & GREASE	190	180	110 U	74 U	840	80	76 U	9700	170
CYANIDE	3.5	2.9	18	0.65	0.59	0.30 U	0.28 U	0.27 U	0.38 U
pH	5.5	4.5	10	8.0	8.4	7.5	9.3	8.1	8.2
TOTAL PHENOLICS	1.4 U	1.6 U	2.1 U	1.4 U	1.4 U	1.5 U	1.4 U	1.3 U	1.9 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	**PG-PA-MW-10D**	**PG-PA-MW-10D**	**PG-MW10D**	**PG-MW10D**	**PG-PA-MW-11D**	**PG-PA-MW-12**	**PG-PA-MW-12**
Sample Date	11/27/2000	11/27/2000	11/27/2000	11/27/2000	11/15/2000	11/2/2000	11/2/2000
Sample ID	PG-PAMW10D	PG-PAMW10D	PG-MW10D	PG-MW10D	PG-PAMW-11D	PG-MWPA12	PG-MWPA12
Sample Depth	0.5-2'	4-6'	7-8'	8-10'	0-2'	0-1.5'	1.5-2.4'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	38 U	39	2400	660	37 U	280	58 U
OIL & GREASE	140	83	11000	55000	110	2100	110 U
CYANIDE	0.28 U	0.28 U	0.34 U	0.38 U	0.27 U	0.28 U	0.42 U
pH	7.6	6.9	6.8	5.2	6.7	8.2	7.8
TOTAL PHENOLICS	1.4 U	1.4 U	1.7 U	1.9 U	1.4 U	1.4 U	2.1 U

Table 5E
Soil Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-12	PG-PA-MW-12	PG-PA-MW-13	PG-PA-MW-13	PG-PA-MW-14D	PG-PA-MW-14D
Sample Date	11/2/2000	11/2/2000	11/15/2000	11/20/2000	11/15/2000	11/17/2000
Sample ID	PG-MWPA12	PG-MWPA12	PG-PAMW-13	PG-PAMW13	PG-PAMW-14D	PAMW14D
Sample Depth	6-8'	18-20'	1-2.5'	2.5-4'	0-2'	4-6'
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PETROLEUM HYDROCARBONS	72 U	77 U	250	220	93	48 U
OIL & GREASE	140 U	670	22000	3800	560	94
CYANIDE	0.53 U	0.57 U	0.50	0.30 U	0.51	0.35 U
pH	11	9.8	7.4	9.1	7.7	8.0
TOTAL PHENOLICS	2.7 U	2.8 U	1.6 U	1.5 U	1.5 U	1.8 U

Table 5F
Soil Analytical Results
Dioxin
Port Ivory Site
Staten Island, N.Y.

Location	**PG-A-4**
Sample Date	11/16/2000
Sample ID	PG-A-04
Sample Depth	SO04
Concentration	MG/KG
2,3,7,8-TCDD	3.3 U

Table 6A
Groundwater Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-BW-13	PG-CS-7	PG-EW-3	PG-EW-6	PG-GW-10	PG-GW-3	PG-GW-5
Sample Date	11/29/2000	11/24/2000	11/24/2000	11/24/2000	11/24/2000	11/27/2000	11/27/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1-TRICHLOROETHANE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,1,2,2-TETRACHLOROETHANE	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-TRICHLOROETHANE	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-DICHLOROETHANE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,1-DICHLOROETHYLENE	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
1,2-DICHLOROETHANE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,2-DICHLORORPROPANE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
2-CHLOROETHYL VINYL ETHER	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ACROLEIN	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
ACRYLONITRILE	6.6 U	6.6 U	6.6 U	6.6 U	6.6 U	6.6 U	6.6 U
BENZENE	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
BROMODICHLOROMETHANE	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
BROMOFORM	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
BROMOMETHANE	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
CARBON TETRACHLORIDE	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
CHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROETHANE	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
CHLOROFORM	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
CHLOROMETHANE	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
CIS-1,3-DICHLOROPROPENE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
DIBROMOCHLOROMETHANE	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
DICHLOROMETHANE	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U
ETHYLBENZENE	1.0	6.7	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
M&P-XYLENES	2.4	18	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
METHYLBENZENE	0.24 U	4.9	0.24 U	0.24 U	3.2	0.24 U	0.24 U
O-XYLENE	0.36 U	3.3	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
TETRACHLOROETHYLENE	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
TRAMS-1,2-DICHLOROETHYLENE	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
TRANS-1,3-DICHLOROPROPENE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
TRICHLOROETHYLENE	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
VINYL CHLORIDE	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U

Table 6A
Groundwater Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-GW-7	PG-GW-9	PG-PA-MW-1D	PG-PA-MW-1	PG-MW-3	PG-MW-4	PG-PA-MW-4
Sample Date	11/24/2000	11/27/2000	11/29/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1-TRICHLOROETHANE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,1,2,2-TETRACHLOROETHANE	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-TRICHLOROETHANE	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-DICHLOROETHANE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,1-DICHLOROETHYLENE	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
1,2-DICHLOROETHANE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,2-DICHLORORPROPANE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
2-CHLOROETHYL VINYL ETHER	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ACROLEIN	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
ACRYLONITRILE	6.6 U	6.6 U	6.6 U	6.6 U	6.6 U	6.6 U	6.6 U
BENZENE	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
BROMODICHLOROMETHANE	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
BROMOFORM	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
BROMOMETHANE	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
CARBON TETRACHLORIDE	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
CHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROETHANE	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
CHLOROFORM	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
CHLOROMETHANE	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
CIS-1,3-DICHLOROPROPENE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
DIBROMOCHLOROMETHANE	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
DICHLOROMETHANE	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U
ETHYLBENZENE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
M&P-XYLENES	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
METHYLBENZENE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
O-XYLENE	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
TETRACHLOROETHYLENE	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
TRAMS-1,2-DICHLOROETHYLENE	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
TRANS-1,3-DICHLOROPROPENE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
TRICHLOROETHYLENE	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
VINYL CHLORIDE	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U

Table 6A
Groundwater Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-4D	PG-PA-MW-5	PG-PA-MW-6	PG-PA-MW-6D	PG-PA-MW-7	PG-PA-MW-7D	PG-PA-MW-8
Sample Date	12/1/2000	11/24/2000	11/27/2000	11/30/2000	11/27/2000	11/30/2000	11/30/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1-TRICHLOROETHANE	0.44 U	0.44 U	0.88 U	0.44 U	0.44 U	0.44 U	0.44 U
1,1,2,2-TETRACHLOROETHANE	0.42 U	0.42 U	0.84 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-TRICHLOROETHANE	0.50 U	0.50 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-DICHLOROETHANE	0.35 U	0.35 U	0.70 U	0.35 U	0.35 U	0.35 U	0.35 U
1,1-DICHLOROETHYLENE	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U
1,2-DICHLOROETHANE	0.44 U	0.44 U	0.88 U	0.44 U	0.44 U	0.44 U	0.44 U
1,2-DICHLORORPROPANE	0.44 U	0.44 U	0.88 U	0.44 U	0.44 U	0.44 U	0.44 U
2-CHLOROETHYL VINYL ETHER	1.1 U	1.1 U	2.2 U	1.1 U	1.1 U	1.1 U	1.1 U
ACROLEIN	3.0 U	3.0 U	6.0 U	3.0 U	3.0 U	3.0 U	3.0 U
ACRYLONITRILE	6.6 U	6.6 U	13 U	6.6 U	6.6 U	6.6 U	6.6 U
BENZENE	0.32 U	0.32 U	0.64 U	0.32 U	0.32 U	0.32 U	0.32 U
BROMODICHLOROMETHANE	0.30 U	0.30 U	0.60 U	0.30 U	0.30 U	0.30 U	0.30 U
BROMOFORM	0.32 U	0.32 U	0.64 U	0.32 U	0.32 U	0.32 U	0.32 U
BROMOMETHANE	0.55 U	0.55 U	1.1 U	0.55 U	0.55 U	0.55 U	0.55 U
CARBON TETRACHLORIDE	0.23 U	0.23 U	0.46 U	0.23 U	0.23 U	0.23 U	0.23 U
CHLOROBENZENE	0.25 U	0.25 U	0.50 U	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROETHANE	0.52 U	0.52 U	1.0 U	0.52 U	0.52 U	0.52 U	0.52 U
CHLOROFORM	0.45 U	0.45 U	0.90 U	0.45 U	0.45 U	0.45 U	0.45 U
CHLOROMETHANE	0.32 U	0.32 U	0.64 U	0.32 U	0.32 U	0.32 U	0.32 U
CIS-1,3-DICHLOROPROPENE	0.35 U	0.35 U	0.70 U	0.35 U	0.35 U	0.35 U	0.35 U
DIBROMOCHLOROMETHANE	0.41 U	0.41 U	0.82 U	0.41 U	0.41 U	0.41 U	0.41 U
DICHLOROMETHANE	0.85 U	0.85 U	1.7 U	0.85 U	0.85 U	0.85 U	0.85 U
ETHYLBENZENE	0.15 U	0.15 U	0.30 U	0.15 U	0.15 U	0.15 U	0.15 U
M&P-XYLENES	0.81 U	0.81 U	1.6 U	0.81 U	0.81 U	0.81 U	0.81 U
METHYLBENZENE	0.24 U	0.24 U	0.48 U	0.24 U	0.24 U	3.3	0.24 U
O-XYLENE	0.36 U	0.36 U	0.72 U	0.36 U	0.36 U	0.36 U	0.36 U
TETRACHLOROETHYLENE	0.34 U	0.34 U	0.68 U	0.34 U	0.34 U	0.34 U	0.34 U
TRAMS-1,2-DICHLOROETHYLENE	0.46 U	0.46 U	0.92 U	0.46 U	0.46 U	0.46 U	0.46 U
TRANS-1,3-DICHLOROPROPENE	0.24 U	0.24 U	0.48 U	0.24 U	0.24 U	0.24 U	0.24 U
TRICHLOROETHYLENE	0.37 U	0.37 U	0.74 U	0.37 U	0.37 U	0.37 U	0.37 U
VINYL CHLORIDE	0.67 U	0.67 U	1.3 U	0.67 U	2.0	0.67 U	0.67 U

Table 6A
Groundwater Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-10D	PG-PA-MW-11D	PG-PA-MW-12	PG-PA-MW-13	PG-PA-MW-14D	PG-PA-MW-15	PG-PA-MW-15D
Sample Date	11/30/2000	11/29/2000	11/28/2000	11/28/2000	12/1/2000	11/20/2000	11/20/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1-TRICHLOROETHANE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.22 U	0.22 U
1,1,2,2-TETRACHLOROETHANE	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-TRICHLOROETHANE	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.51 U	0.51 U
1,1-DICHLOROETHANE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.54 U	0.54 U
1,1-DICHLOROETHYLENE	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.99 U	0.99 U
1,2-DICHLOROETHANE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.22 U	0.22 U
1,2-DICHLORORPROPANE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.73 U	0.73 U
2-CHLOROETHYL VINYL ETHER	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.77 U	0.77 U
ACROLEIN	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.1 U	5.1 U
ACRYLONITRILE	6.6 U	6.6 U	6.6 U	6.6 U	6.6 U	2.0 U	2.0 U
BENZENE	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.15 U	0.15 U
BROMODICHLOROMETHANE	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.27 U	0.27 U
BROMOFORM	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.34 U	0.34 U
BROMOMETHANE	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.72 U	0.72 U
CARBON TETRACHLORIDE	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.36 U	0.36 U
CHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.34 U	0.34 U
CHLOROETHANE	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.88 U	0.88 U
CHLOROFORM	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.27 U	0.27 U
CHLOROMETHANE	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.66 U	0.66 U
CIS-1,3-DICHLOROPROPENE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.43 U
DIBROMOCHLOROMETHANE	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.42 U	0.42 U
DICHLOROMETHANE	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	1.0 U	1.0 U
ETHYLBENZENE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.57 U	0.57 U
M&P-XYLENES	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.90 U	0.90 U
METHYLBENZENE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	1.5	1.6
O-XYLENE	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.55 U	0.55 U
TETRACHLOROETHYLENE	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.59 U	0.59 U
TRAMS-1,2-DICHLOROETHYLENE	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.94 U	0.94 U
TRANS-1,3-DICHLOROPROPENE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.21 U	0.21 U
TRICHLOROETHYLENE	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.64 U	0.64 U
VINYL CHLORIDE	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.69 U	0.69 U

Table 6A
Groundwater Analytical Results
Volatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-15D	PG-PZ-1	PG-RS-1	PG-RS-2	PG-TMW-01	PG-TMW-02
Sample Date	11/30/2000	11/24/2000	11/24/2000	11/24/2000	11/29/2000	12/2/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1-TRICHLOROETHANE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,1,2,2-TETRACHLOROETHANE	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,1,2-TRICHLOROETHANE	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,1-DICHLOROETHANE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,1-DICHLOROETHYLENE	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
1,2-DICHLOROETHANE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
1,2-DICHLORORPROPANE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
2-CHLOROETHYL VINYL ETHER	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
ACROLEIN	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
ACRYLONITRILE	6.6 U	6.6 U	6.6 U	6.6 U	6.6 U	6.6 U
BENZENE	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
BROMODICHLOROMETHANE	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
BROMOFORM	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
BROMOMETHANE	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
CARBON TETRACHLORIDE	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
CHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
CHLOROETHANE	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
CHLOROFORM	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
CHLOROMETHANE	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
CIS-1,3-DICHLOROPROPENE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
DIBROMOCHLOROMETHANE	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
DICHLOROMETHANE	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U	0.85 U
ETHYLBENZENE	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
M&P-XYLENES	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U
METHYLBENZENE	0.24 U	0.24 U	2.4	0.24 U	0.24 U	0.24 U
O-XYLENE	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
TETRACHLOROETHYLENE	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
TRAMS-1,2-DICHLOROETHYLENE	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
TRANS-1,3-DICHLOROPROPENE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
TRICHLOROETHYLENE	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
VINYL CHLORIDE	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U

Table 6B
Groundwater Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-BW-13	PG-CS-7	PG-EW-3	PG-EW-6	PG-GW-10	PG-GW-3	PG-GW-5	PG-GW-7	PG-GW-9
Sample Date	11/29/2000	11/24/2000	11/24/2000	11/24/2000	11/24/2000	11/27/2000	11/27/2000	11/24/2000	11/27/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,2-BENZPHENANTHRACENE	0.30 U	0.30 U	1.2	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
1,2-DICHLOROBENZENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2-DIPHENYLHYDRAZINE	0.24 U	0.24 U	1.2	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,4-DICHLOROBENZENE	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2,4,6-TRICHLOROPHENOL	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
2,4-DICHLOROPHENOL	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-DIMETHYLPHENOL	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2,4-DINITRPHENOL	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
2,4-DINITROTOLUENE	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
2,6-DINITROTOLUENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
2-CHLORONAPHTHALENE	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
2-CHLOROPHENOL	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2-NITROPHENOL	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
3,3'-DICHLOROBENZIDINE	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U
4,6-DINITRO-O-CRESOL	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
4-BROMOPHENYLPHENYL ETHER	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
4-CHLORO-3-METHYLPHENOL	1.9 U	1.9 U	1.9 J	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
4-CHLORORPHENLYPHENYL ETHER	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
4-NITROPHENOL	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
ACENAPHTHENE	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
ACENAPHTHYLENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
ANTHRACENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
BENZIDINE	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U
BENZO(A)ANTHRACENE	0.20 U	0.20 U	1.2	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
BENZO(A)PYRENE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
BENZO(B)FLOURANTHENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
BENZO(G,H,I)PERYLENE	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
BENZO(K)FLOURANTHENE	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
BENZYL BUTYL PHTHALATE	0.29 U	0.29 U	1.1	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
BIS(2-CHLOROETHOXY)METHANE	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
BIS(2-CHLOROETHYL)ETHER	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BIS(2-CHLOROISOPROPYL)ETHER	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
BIS(2-ETHYLHEXYL)PHTHALATE	7.1	2.1	2.6	0.37 U	1.5	2.3 B	1.8 B	2.2	2.6 B
DI-N-BUTYL PHTHALATE	0.26 U	0.26 U	1.0	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

Table 6B
Groundwater Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-BW-13	PG-CS-7	PG-EW-3	PG-EW-6	PG-GW-10	PG-GW-3	PG-GW-5	PG-GW-7	PG-GW-9
Sample Date	11/29/2000	11/24/2000	11/24/2000	11/24/2000	11/24/2000	11/27/2000	11/27/2000	11/24/2000	11/27/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DI-N-OCTYL PHTHALATE	0.80 U	0.80 U	1.3	0.80 U	0.80 U	1.1	0.80 U	0.80 U	0.80 U
DIBENZ[A,H]ANTHRACENE	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
DIETHYL PHTHALATE	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
DIMETHYL PHTHALATE	0.24 U	0.24 U	0.24 U	1.6	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
FLUORANTHENE	0.29 U	0.29 U	1.4	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
FLUORENE	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	1.2
HEXACHLORO-1,3-BUTADIENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HEXACHLOROBENZENE	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
HEXACHLOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
INDENO[1,2,3-CD]PYRENE	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
ISOPHORONE	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
M-DICHLOROBENZENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
N-NITROSO-DI-N-PROPYLAMINE	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
N-NITROSODIMETHYLAMINE	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
N-NITROSODIPHENYLAMINE	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
NAPHTHALENE	0.36 U	2.0	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
NITROBENZENE	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
PENTACHLOROPHENOL	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
PHENANTHRENE	0.27 U	0.27 U	1.6	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
PHENOL	2.6	1.8	1.2 U	29	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
PYRENE	0.27 U	0.27 U	1.4	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U

Table 6B
Groundwater Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-1D	PG-PA-MW-1	PG-MW-3	PG-MW-4	PG-PA-MW-4	PG-PA-MW-4D	PG-PA-MW-5	PG-PA-MW-6
Sample Date	11/29/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	12/1/2000	11/24/2000	11/27/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,2-BENZPHENANTHRACENE	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
1,2-DICHLOROBENZENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2-DIPHENYLHYDRAZINE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,4-DICHLOROBENZENE	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2,4,6-TRICHLOROPHENOL	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
2,4-DICHLOROPHENOL	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-DIMETHYLPHENOL	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2,4-DINITRPHENOL	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
2,4-DINITROTOLUENE	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
2,6-DINITROTOLUENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
2-CHLORONAPHTHALENE	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
2-CHLOROPHENOL	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2-NITROPHENOL	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
3,3'-DICHLOROBENZIDINE	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U
4,6-DINITRO-O-CRESOL	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
4-BROMOPHENYLPHENYL ETHER	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
4-CHLORO-3-METHYLPHENOL	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
4-CHLORORPHENLYPHENYL ETHER	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
4-NITROPHENOL	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
ACENAPHTHENE	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
ACENAPHTHYLENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
ANTHRACENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
BENZIDINE	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U
BENZO{A}ANTHRACENE	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
BENZO{A}PYRENE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
BENZO{B}FLOURANTHENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
BENZO{G,H,I}PERYLENE	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
BENZO{K}FLOURANTHENE	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
BENZYL BUTYL PHTHALATE	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
BIS(2-CHLOROETHOXY)METHANE	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
BIS(2-CHLOROETHYL)ETHER	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BIS(2-CHLOROISOPROPYL)ETHER	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
BIS(2-ETHYLHEXYL)PHTHALATE	8.2	5.3 B	4.2 B	4.3 B	4.0 B	6.5 B	1.9	0.37 U
DI-N-BUTYL PHTHALATE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U

Table 6B
Groundwater Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-1D	PG-PA-MW-1	PG-MW-3	PG-MW-4	PG-PA-MW-4	PG-PA-MW-4D	PG-PA-MW-5	PG-PA-MW-6
Sample Date	11/29/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	12/1/2000	11/24/2000	11/27/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DI-N-OCTYL PHTHALATE	0.80 U	2.0 B	1.1 B	1.1 B	1.3 B	1.2	0.80 U	0.80 U
DIBENZ[A,H]ANTHRACENE	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
DIETHYL PHTHALATE	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
DIMETHYL PHTHALATE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	1.0	0.24 U	0.24 U
FLUORANTHENE	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
FLUORENE	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
HEXACHLORO-1,3-BUTADIENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HEXACHLOROBENZENE	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
HEXACHLOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
INDENO[1,2,3-CD]PYRENE	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
ISOPHORONE	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
M-DICHLOROBENZENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
N-NITROSO-DI-N-PROPYLAMINE	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
N-NITROSODIMETHYLAMINE	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
N-NITROSODIPHENYLAMINE	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
NAPHTHALENE	0.36 U	1.0	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
NITROBENZENE	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
PENTACHLOROPHENOL	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
PHENANTHRENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
PHENOL	1.2 U	33	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	2.1
PYRENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U

Table 6B
Groundwater Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-6D	PG-PA-MW-7	PG-PA-MW-7D	PG-PA-MW-8	PG-PA-MW-10D	PG-PA-MW-11D	PG-PA-MW-12
Sample Date	11/30/2000	11/27/2000	11/30/2000	11/30/2000	11/30/2000	11/29/2000	11/28/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
1,2-BENZPHENANTHRACENE	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
1,2-DICHLOROBENZENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2-DIPHENYLHYDRAZINE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,4-DICHLOROBENZENE	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2,4,6-TRICHLOROPHENOL	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
2,4-DICHLOROPHENOL	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
2,4-DIMETHYLPHENOL	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2,4-DINITRPHENOL	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
2,4-DINITROTOLUENE	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
2,6-DINITROTOLUENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
2-CHLORONAPHTHALENE	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
2-CHLOROPHENOL	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2-NITROPHENOL	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
3,3'-DICHLOROBENZIDINE	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U
4,6-DINITRO-O-CRESOL	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
4-BROMOPHENYLPHENYL ETHER	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
4-CHLORO-3-METHYLPHENOL	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
4-CHLORORPHENLYPHENYL ETHER	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
4-NITROPHENOL	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
ACENAPHTHENE	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
ACENAPHTHYLENE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
ANTHRACENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
BENZIDINE	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U
BENZO(A)ANTHRACENE	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
BENZO(A)PYRENE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
BENZO(B)FLOURANTHENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
BENZO(G,H,I)PERYLENE	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
BENZO(K)FLOURANTHENE	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
BENZYL BUTYL PHTHALATE	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
BIS(2-CHLOROETHOXY)METHANE	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
BIS(2-CHLOROETHYL)ETHER	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
BIS(2-CHLOROISOPROPYL)ETHER	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
BIS(2-ETHYLHEXYL)PHTHALATE	2.3 B	2.1 B	2.5 B	3.5 B	3.0 B	9.7	7.6 B
DI-N-BUTYL PHTHALATE	1.5	0.26 U	1.2	0.26 U	0.26 U	0.26 U	0.26 U

Table 6B
Groundwater Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-6D	PG-PA-MW-7	PG-PA-MW-7D	PG-PA-MW-8	PG-PA-MW-10D	PG-PA-MW-11D	PG-PA-MW-12
Sample Date	11/30/2000	11/27/2000	11/30/2000	11/30/2000	11/30/2000	11/29/2000	11/28/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DI-N-OCTYL PHTHALATE	1.3	0.80 U	1.4	1.8	1.7	0.80 U	4.1 B
DIBENZ[A,H]ANTHRACENE	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
DIETHYL PHTHALATE	0.31 U	0.31 U	0.31 U	1.2	0.31 U	0.31 U	0.31 U
DIMETHYL PHTHALATE	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
FLUORANTHENE	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
FLUORENE	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
HEXACHLORO-1,3-BUTADIENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HEXACHLOROBENZENE	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
HEXACHLOROETHANE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
INDENO[1,2,3-CD]PYRENE	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
ISOPHORONE	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
M-DICHLOROBENZENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
N-NITROSO-DI-N-PROPYLAMINE	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
N-NITROSODIMETHYLAMINE	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
N-NITROSODIPHENYLAMINE	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
NAPHTHALENE	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
NITROBENZENE	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
PENTACHLOROPHENOL	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
PHENANTHRENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
PHENOL	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.4
PYRENE	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U

Table 6B
Groundwater Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-13	PG-PA-MW-14D	PG-PA-MW-15	PG-PA-MW-15D	PG-PA-MW-15D	PG-PZ-1	PG-RS-1
Sample Date	11/28/2000	12/1/2000	11/20/2000	11/20/2000	11/30/2000	11/24/2000	11/24/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	0.27 U	0.27 U	0.27 U	0.23 U	0.27 U	0.27 U	0.27 U
1,2-BENZPHENANTHRACENE	0.30 U	0.30 U	0.30 U	0.37 U	0.30 U	0.30 U	0.30 U
1,2-DICHLOROBENZENE	0.26 U	0.26 U	0.26 U	0.36 U	0.26 U	0.26 U	0.26 U
1,2-DIPHENYLHYDRAZINE	0.24 U	0.24 U	0.24 U	0.26 U	0.24 U	0.24 U	0.24 U
1,4-DICHLOROBENZENE	0.20 U	0.20 U	0.20 U	0.38 U	0.20 U	0.20 U	0.20 U
2,4,6-TRICHLOROPHENOL	2.1 U	2.1 U	2.1 U	1.6 U	2.1 U	2.1 U	2.1 U
2,4-DICHLOROPHENOL	2.0 U	2.0 U	2.0 U	2.6 U	2.0 U	2.0 U	2.0 U
2,4-DIMETHYLPHENOL	1.4 U	1.4 U	1.4 U	1.5 U	1.4 U	1.4 U	1.4 U
2,4-DINITRPHENOL	0.47 U	0.47 U	0.47 U	2.7 U	0.47 U	0.47 U	0.47 U
2,4-DINITROTOLUENE	0.16 U	0.16 U	0.16 U	0.84 U	0.16 U	0.16 U	0.16 U
2,6-DINITROTOLUENE	0.27 U	0.27 U	0.27 U	0.44 U	0.27 U	0.27 U	0.27 U
2-CHLORONAPHTHALENE	0.22 U	0.22 U	0.22 U	0.29 U	0.22 U	0.22 U	0.22 U
2-CHLOROPHENOL	1.4 U	1.4 U	1.4 U	2.4 U	1.4 U	1.4 U	1.4 U
2-NITROPHENOL	2.1 U	2.1 U	2.1 U	1.9 U	2.1 U	2.1 U	2.1 U
3,3'-DICHLOROBENZIDINE	2.7 U	2.7 U	2.7 U	3.4 U	2.7 U	2.7 U	2.7 U
4,6-DINITRO-O-CRESOL	1.2 U	1.2 U	1.2 U	1.8 U	1.2 U	1.2 U	1.2 U
4-BROMOPHENYLPHENYL ETHER	0.23 U	0.23 U	0.23 U	0.75 U	0.23 U	0.23 U	0.23 U
4-CHLORO-3-METHYLPHENOL	1.9 U	1.9 U	1.9 U	2.5 U	1.9 U	1.9 U	1.9 U
4-CHLORORPHENLYPHENYL ETHER	0.32 U	0.32 U	0.32 U	0.55 U	0.32 U	0.32 U	0.32 U
4-NITROPHENOL	1.6 U	1.6 U	1.6 U	2.2 U	1.6 U	1.6 U	1.6 U
ACENAPHTHENE	0.31 U	0.31 U	0.31 U	0.40 U	0.31 U	0.31 U	0.31 U
ACENAPHTHYLENE	0.26 U	0.26 U	0.26 U	0.34 U	0.26 U	0.26 U	0.26 U
ANTHRACENE	0.25 U	0.25 U	0.25 U	0.40 U	0.25 U	0.25 U	0.25 U
BENZIDINE	3.4 U	3.4 U	3.4 U	3.0 U	3.4 U	3.4 U	3.4 U
BENZO(A)ANTHRACENE	0.20 U	0.20 U	0.20 U	0.41 U	0.20 U	0.20 U	0.20 U
BENZO(A)PYRENE	0.24 U	0.24 U	0.24 U	0.47 U	0.24 U	0.24 U	0.24 U
BENZO(B)FLOURANTHENE	0.49 U	0.49 U	0.49 U	0.46 U	0.49 U	0.49 U	0.49 U
BENZO(G,H,I)PERYLENE	0.36 U	0.36 U	0.36 U	0.45 U	0.36 U	0.36 U	0.36 U
BENZO(K)FLOURANTHENE	0.50 U	0.50 U	0.50 U	0.67 U	0.50 U	0.50 U	0.50 U
BENZYL BUTYL PHTHALATE	0.29 U	0.29 U	0.29 U	0.31 U	0.29 U	0.29 U	0.29 U
BIS(2-CHLOROETHOXY)METHANE	0.21 U	0.21 U	0.21 U	0.31 U	0.21 U	0.21 U	0.21 U
BIS(2-CHLOROETHYL)ETHER	0.15 U	0.15 U	0.15 U	0.58 U	0.15 U	0.15 U	0.15 U
BIS(2-CHLOROISOPROPYL)ETHER	0.14 U	0.14 U	0.14 U	0.31 U	0.14 U	0.14 U	0.14 U
BIS(2-ETHYLHEXYL)PHTHALATE	4.6 B	5.6 B	3.8 B	20 B	2.3 B	8.1	2.1
DI-N-BUTYL PHTHALATE	0.26 U	0.26 U	0.26 U	0.30 U	0.26 U	0.26 U	0.26 U

Table 6B
Groundwater Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-13	PG-PA-MW-14D	PG-PA-MW-15	PG-PA-MW-15D	PG-PA-MW-15D	PG-PZ-1	PG-RS-1
Sample Date	11/28/2000	12/1/2000	11/20/2000	11/20/2000	11/30/2000	11/24/2000	11/24/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
DI-N-OCTYL PHTHALATE	1.6 B	0.80 U	0.80 U	0.48 U	1.2	0.80 U	0.80 U
DIBENZ[A,H]ANTHRACENE	0.34 U	0.34 U	0.34 U	0.46 U	0.34 U	0.34 U	0.34 U
DIETHYL PHTHALATE	0.31 U	0.31 U	0.31 U	0.32 U	0.31 U	0.31 U	0.31 U
DIMETHYL PHTHALATE	0.24 U	0.24 U	0.24 U	0.41 U	0.24 U	0.24 U	0.24 U
FLUORANTHENE	0.29 U	0.29 U	0.29 U	0.42 U	0.29 U	0.29 U	0.29 U
FLUORENE	0.28 U	0.28 U	0.28 U	0.33 U	0.28 U	0.28 U	0.28 U
HEXACHLORO-1,3-BUTADIENE	0.25 U	0.25 U	0.25 U	0.61 U	0.25 U	0.25 U	0.25 U
HEXACHLOROBENZENE	0.28 U	0.28 U	0.28 U	0.64 U	0.28 U	0.28 U	0.28 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.5 U	3.0 U	2.5 U	2.5 U	2.5 U
HEXACHLOROETHANE	0.26 U	0.26 U	0.26 U	0.74 U	0.26 U	0.26 U	0.26 U
INDENO[1,2,3-CD]PYRENE	0.34 U	0.34 U	0.34 U	0.38 U	0.34 U	0.34 U	0.34 U
ISOPHORONE	0.21 U	0.21 U	0.21 U	0.41 U	0.21 U	0.21 U	0.21 U
M-DICHLOROBENZENE	0.27 U	0.27 U	0.27 U	0.48 U	0.27 U	0.27 U	0.27 U
N-NITROSO-DI-N-PROPYLAMINE	0.22 U	0.22 U	0.22 U	0.47 U	0.22 U	0.22 U	0.22 U
N-NITROSODIMETHYLAMINE	0.28 U	0.28 U	0.28 U	0.89 U	0.28 U	0.28 U	0.28 U
N-NITROSODIPHENYLAMINE	0.32 U	0.32 U	0.32 U	0.44 U	0.32 U	0.32 U	0.32 U
NAPHTHALENE	0.36 U	0.36 U	0.36 U	0.26 U	0.36 U	0.36 U	9.6
NITROBENZENE	0.23 U	0.23 U	0.23 U	0.63 U	0.23 U	0.23 U	0.23 U
PENTACHLOROPHENOL	2.0 U	2.0 U	2.0 U	1.4 U	2.0 U	2.0 U	2.0 U
PHENANTHRENE	0.27 U	0.27 U	0.27 U	0.32 U	0.27 U	0.27 U	0.27 U
PHENOL	1.2 U	1.2 U	1.2 U	1.4 U	1.2 U	1.2 U	16
PYRENE	0.27 U	0.27 U	0.27 U	0.17 U	0.27 U	0.27 U	0.27 U

Table 6B
Groundwater Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location	PG-RS-2	PG-TMW-01	PG-TMW-02
Sample Date	11/24/2000	11/29/2000	12/2/2000
Concentration	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	0.27 U	0.27 U	0.27 U
1,2-BENZPHENANTHRACENE	0.30 U	0.30 U	0.30 U
1,2-DICHLOROBENZENE	0.26 U	0.26 U	0.26 U
1,2-DIPHENYLHYDRAZINE	0.24 U	0.24 U	0.24 U
1,4-DICHLOROBENZENE	0.20 U	0.20 U	0.20 U
2,4,6-TRICHLOROPHENOL	2.1 U	2.1 U	2.1 U
2,4-DICHLOROPHENOL	2.0 U	2.0 U	2.0 U
2,4-DIMETHYLPHENOL	1.4 U	1.4 U	1.4 U
2,4-DINITRPHENOL	0.47 U	0.47 U	0.47 U
2,4-DINITROTOLUENE	0.16 U	0.16 U	0.16 U
2,6-DINITROTOLUENE	0.27 U	0.27 U	0.27 U
2-CHLORONAPHTHALENE	0.22 U	0.22 U	0.22 U
2-CHLOROPHENOL	1.4 U	1.4 U	1.4 U
2-NITROPHENOL	2.1 U	2.1 U	2.1 U
3,3'-DICHLOROBENZIDINE	2.7 U	2.7 U	2.7 U
4,6-DINITRO-O-CRESOL	1.2 U	1.2 U	1.2 U
4-BROMOPHENYLPHENYL ETHER	0.23 U	0.23 U	0.23 U
4-CHLORO-3-METHYLPHENOL	1.9 U	1.9 U	1.9 U
4-CHLORORPHENLYPHENYL ETHER	0.32 U	0.32 U	0.32 U
4-NITROPHENOL	1.6 U	1.6 U	1.6 U
ACENAPHTHENE	0.31 U	1.1	0.31 U
ACENAPHTHYLENE	0.26 U	0.26 U	0.26 U
ANTHRACENE	0.25 U	0.25 U	0.25 U
BENZIDINE	3.4 U	3.4 U	3.4 U
BENZO{A}ANTHRACENE	0.20 U	0.20 U	0.20 U
BENZO{A}PYRENE	0.24 U	0.24 U	0.24 U
BENZO{B}FLOURANTHENE	0.49 U	0.49 U	0.49 U
BENZO{G,H,I}PERYLENE	0.36 U	0.36 U	0.36 U
BENZO{K}FLOURANTHENE	0.50 U	0.50 U	0.50 U
BENZYL BUTYL PHTHALATE	0.29 U	0.29 U	0.29 U
BIS(2-CHLOROETHOXY)METHANE	0.21 U	0.21 U	0.21 U
BIS(2-CHLOROETHYL)ETHER	0.15 U	0.15 U	0.15 U
BIS(2-CHLOROISOPROPYL)ETHER	0.14 U	0.14 U	0.14 U
BIS(2-ETHYLHEXYL)PHTHALATE	1.6	9.2	4.6 B
DI-N-BUTYL PHTHALATE	0.26 U	0.26 U	0.26 U

Table 6B
Groundwater Analytical Results
SemiVolatile Organic Compounds
Port Ivory Site
Staten Island, N.Y.

Location Sample Date Concentration	PG-RS-2 11/24/2000 UG/L	PG-TMW-01 11/29/2000 UG/L	PG-TMW-02 12/2/2000 UG/L
DI-N-OCTYL PHTHALATE	0.80 U	0.80 U	1.1 B
DIBENZ[A,H]ANTHRACENE	0.34 U	0.34 U	0.34 U
DIETHYL PHTHALATE	0.31 U	0.31 U	0.31 U
DIMETHYL PHTHALATE	0.24 U	0.24 U	0.24 U
FLUORANTHENE	0.29 U	0.29 U	0.29 U
FLUORENE	0.28 U	0.28 U	0.28 U
HEXACHLORO-1,3-BUTADIENE	0.25 U	0.25 U	0.25 U
HEXACHLOROBENZENE	0.28 U	0.28 U	0.28 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.5 U
HEXACHLOROETHANE	0.26 U	0.26 U	0.26 U
INDENO[1,2,3-CD]PYRENE	0.34 U	0.34 U	0.34 U
ISOPHORONE	0.21 U	0.21 U	0.21 U
M-DICHLOROBENZENE	0.27 U	0.27 U	0.27 U
N-NITROSO-DI-N-PROPYLAMINE	0.22 U	0.22 U	0.22 U
N-NITROSODIMETHYLAMINE	0.28 U	0.28 U	0.28 U
N-NITROSODIPHENYLAMINE	0.32 U	0.32 U	0.32 U
NAPHTHALENE	0.36 U	0.36 U	0.36 U
NITROBENZENE	0.23 U	0.23 U	0.23 U
PENTACHLOROPHENOL	2.0 U	2.0 U	2.0 U
PHENANTHRENE	0.27 U	0.27 U	0.27 U
PHENOL	1.2 U	1.2 U	1.2 U
PYRENE	0.27 U	0.27 U	0.27 U

Table 6C
Groundwater Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-BW-13	PG-CS-7	PG-EW-3	PG-EW-6	PG-GW-10	PG-GW-3	PG-GW-5
Sample Date	11/29/2000	11/24/2000	11/24/2000	11/24/2000	11/24/2000	11/27/2000	11/27/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
4,4'-DDD	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4,4'-DDE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4,4'-DDT	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ALDRIN	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ALPHA-BHC	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
AROCLOR 1016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1221	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1232	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1242	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1248	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1254	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1260	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BETA-BHC	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
CHLORDANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
DELTA-BHC	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
DIELDRIN	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN I	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN II	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN SULFATE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN ALDEHYDE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN KETONE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HEPTACHLOR	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HEPTACHLOR EPOXIDE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
METHOXYCHLOR	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
TOXAPHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 6C
Groundwater Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location Sample Date Concentration	PG-GW-7 11/24/2000 UG/L	PG-GW-9 11/27/2000 UG/L	PG-PA-MW-1D 11/29/2000 UG/L	PG-PA-MW-1 11/28/2000 UG/L	PG-MW-3 11/28/2000 UG/L	PG-MW-4 11/28/2000 UG/L	PG-PA-MW-4 11/28/2000 UG/L
4,4'-DDD	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
ALDRIN	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
ALPHA-BHC	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
AROCLOR 1016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1221	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1232	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1242	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1248	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1254	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1260	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BETA-BHC	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
CHLORDANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
DELTA-BHC	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
DIELDRIN	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
ENDOSULFAN I	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
ENDOSULFAN II	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
ENDOSULFAN SULFATE	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
ENDRIN	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
ENDRIN ALDEHYDE	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
ENDRIN KETONE	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
HEPTACHLOR	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
HEPTACHLOR EPOXIDE	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
METHOXYCHLOR	0.02 U	0.02 U	0.02 U	0.1 U	0.1 U	0.1 U	0.1 U
TOXAPHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 6C
Groundwater Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-4D	PG-PA-MW-5	PG-PA-MW-6	PG-PA-MW-6D	PG-PA-MW-7	PG-PA-MW-7D	PG-PA-MW-8
Sample Date	*12/1/2000*	*11/24/2000*	*11/27/2000*	*11/30/2000*	*11/27/2000*	*11/30/2000*	*11/30/2000*
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
4,4'-DDD	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4,4'-DDE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4,4'-DDT	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ALDRIN	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ALPHA-BHC	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
AROCLOR 1016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1221	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1232	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1242	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1248	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1254	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1260	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BETA-BHC	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
CHLORDANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
DELTA-BHC	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
DIELDRIN	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN I	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN II	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN SULFATE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN ALDEHYDE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN KETONE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HEPTACHLOR	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HEPTACHLOR EPOXIDE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
METHOXYCHLOR	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
TOXAPHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 6C
Groundwater Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-10D	PG-PA-MW-11D	PG-PA-MW-12	PG-PA-MW-13	PG-PA-MW-14D	PG-PA-MW-15	PG-PA-MW-15D
Sample Date	11/30/2000	11/29/2000	11/28/2000	11/28/2000	12/1/2000	11/20/2000	11/20/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
4,4'-DDD	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
4,4'-DDE	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
4,4'-DDT	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
ALDRIN	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
ALPHA-BHC	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
AROCLOR 1016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1221	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1232	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1242	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1248	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1254	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1260	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BETA-BHC	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
CHLORDANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
DELTA-BHC	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
DIELDRIN	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN I	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN II	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN SULFATE	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
ENDRIN	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
ENDRIN ALDEHYDE	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
ENDRIN KETONE	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
HEPTACHLOR	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
HEPTACHLOR EPOXIDE	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
METHOXYCHLOR	0.02 U	0.02 U	0.1 U	0.1 U	0.02 U	0.02 U	0.02 U
TOXAPHENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 6C
Groundwater Analytical Results
Pesticides and PCBs
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-15D	PG-PZ-1	PG-RS-1	PG-RS-2	PG-TMW-01	PG-TMW-02
Sample Date	11/30/2000	11/24/2000	11/24/2000	11/24/2000	11/29/2000	12/2/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
4,4'-DDD	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4,4'-DDE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4,4'-DDT	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ALDRIN	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ALPHA-BHC	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
AROCLOR 1016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1221	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1232	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1242	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1248	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1254	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR 1260	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BETA-BHC	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
CHLORDANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
DELTA-BHC	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
DIELDRIN	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN I	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN II	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDOSULFAN SULFATE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN ALDEHYDE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
ENDRIN KETONE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HEPTACHLOR	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
HEPTACHLOR EPOXIDE	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
METHOXYCHLOR	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
TOXAPHENE	1 U	1 U	1 U	1 U	1 U	1 U

Table 6D
Groundwater Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-BW-13	PG-CS-7	PG-EW-3	PG-EW-6	PG-GW-10	PG-GW-3	PG-GW-5	PG-GW-7	PG-GW-9
Sample Date	11/29/2000	11/24/2000	11/24/2000	11/24/2000	11/24/2000	11/27/2000	11/27/2000	11/24/2000	11/27/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
ALUMINUM (FUME OR DUST)	210	180	170	130	510	470	58 U	140	80
ANTIMONY	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
ARSENIC	15	3.6 U	26	3.6 U	3.6 U	25	11	110	3.6 U
BARIUM	59	23	160	160	37	23 U	36	110	110
BERYLLIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
CADMIUM	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
CALCIUM METAL	47000	14000	39000	460000	48000	85000	33000	76000	32000
CHROMIUM	16 U	16 U	16 U	16 U	16 U	16 U	16 U	16 U	16 U
COBALT	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	7.4
COPPER	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
IRON	88 U	310	1200	88 U	610	20000	9400	14000	5900
LEAD	3.4 U	3.4 U	3.4 U	4.6	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U
MAGNESIUM	4400	13000	99000	400	8400	20000	5500	7600	2700
MANGANESE	12 U	12 U	28	12 U	16	170	930	420	2000
NICKEL	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U
POTASSIUM	70000	19000	46000	20000	2600	2000	900	10000	1700
SELENIUM	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SILVER	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U
SODIUM	930000	230000	220000	770000	440000	92000	11000	38000	3000
THALLIUM	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U
VANADIUM	10	4.8	6.8	4.3 U	4.5	8.5	4.3 U	4.3 U	4.3 U
ZINC	20 U	20 U	26	20 U	20 U	20 U	20 U	20 U	20 U
MERCURY	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U

NA - Not Analyzed

Table 6D
Groundwater Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-1D	PG-PA-MW-1	PG-MW-3	PG-MW-4	PG-PA-MW-4	PG-PA-MW-4D	PG-PA-MW-5	PG-PA-MW-6
Sample Date	11/29/2000	11/28/2000	11/28/2000	11/28/2000	11/28/2000	12/1/2000	11/24/2000	11/27/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
ALUMINUM (FUME OR DUST)	58 U	610	120	58 U	58 U	210	500	430
ANTIMONY	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
ARSENIC	13	3.6 U	6.7	22	3.6 U	4.7	55	83
BARIUM	62	75	280	50	42	110	34	23 U
BERYLLIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
CADMIUM	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
CALCIUM METAL	36000	230000	130000	69000	45000	99000	96000	1900
CHROMIUM	16 U	16 U	16 U	16 U	16 U	16 U	16 U	16 U
COBALT	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U	4.6 U
COPPER	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
IRON	5100	88 U	3700	26000	1700	22000	3200	120
LEAD	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	6.2	3.4 U
MAGNESIUM	79000	260 U	180000	6200	6800	15000	14000	5500
MANGANESE	90	12 U	170	320	44	1900	290	12 U
NICKEL	15 U	15 U	57	15 U	15 U	15 U	15 U	15 U
POTASSIUM	39000	40000	7500	9100	3900	4200	6100	100000
SELENIUM	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SILVER	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U
SODIUM	840000	210000	1700000	30000	7500	120000	55000	900000
THALLIUM	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U
VANADIUM	12	4.3 U	8.8	4.3 U	4.3 U	5.5	4.8	50
ZINC	20 U	20 U	20 U	20 U	20 U	20 U	55	20 U
MERCURY	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U

NA - Not Analyzed

Table 6D
Groundwater Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-6D	PG-PA-MW-7	PG-PA-MW-7D	PG-PA-MW-8	PG-PA-MW-10D	PG-PA-MW-11D	PG-PA-MW-12
Sample Date	11/30/2000	11/27/2000	11/30/2000	11/30/2000	11/30/2000	11/29/2000	11/28/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
ALUMINUM (FUME OR DUST)	260	3100	58 U	190	440	82	58 U
ANTIMONY	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U
ARSENIC	3.6 U	13	5.7	3.6 U	3.6 U	3.6 U	3.6 U
BARIUM	68	39	1800	42	120	150	290
BERYLLIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
CADMIUM	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
CALCIUM METAL	180000	5700	230000	87000	69000	64000	580000
CHROMIUM	16 U	16 U	16 U	16 U	16 U	16 U	16 U
COBALT	4.6 U	4.6 U	4.6 U	7.3	4.6 U	4.6 U	4.6 U
COPPER	20 U	20 U	20 U	20 U	20 U	20 U	20 U
IRON	15000	5300	3500	590	12000	170	88 U
LEAD	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U
MAGNESIUM	430000	1900	36000	100000	21000	9400	260 U
MANGANESE	1200	220	1300	560	570	910	12 U
NICKEL	15 U	15 U	15 U	16	15 U	15 U	15 U
POTASSIUM	81000	4100	2900	36000	4600	880	14000
SELENIUM	20 U	20 U	20 U	20 U	20 U	20 U	20 U
SILVER	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U
SODIUM	4000000	220000	240000	760000	450000	27000	280000
THALLIUM	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U
VANADIUM	4.3 U	9.2	7.4	15	8.9	4.3 U	4.3 U
ZINC	20 U	20 U	20 U	20 U	20 U	20 U	20 U
MERCURY	0.21 U	0.21 U	0.21 U	.22	0.21 U	0.21 U	0.21 U

NA - Not Analyzed

Table 6D
Groundwater Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-PA-MW-13	PG-PA-MW-14D	PG-PA-MW-15	PG-PA-MW-15D	PG-PA-MW-15D	PG-PZ-1	PG-RS-1
Sample Date	11/28/2000	12/1/2000	11/20/2000	11/20/2000	11/30/2000	11/24/2000	11/24/2000
Concentration	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
ALUMINUM (FUME OR DUST)	58 U	58 U	NA	58 U	58 U	1300	260
ANTIMONY	3.3 U	3.3 U	NA	3.3 U	3.3 U	3.3 U	3.3 U
ARSENIC	3.6 U	3.6 U	NA	3.6 U	3.6 U	100	17
BARIUM	120	720	NA	63	240	30	23 U
BERYLLIUM	2.5 U	2.5 U	NA	2.5 U	2.5 U	2.5 U	2.5 U
CADMIUM	1.4 U	1.4 U	NA	1.4 U	1.4 U	1.4 U	1.4 U
CALCIUM METAL	170000	94000	NA	360000	330000	6200	22000
CHROMIUM	16 U	16 U	NA	16 U	16 U	16 U	16 U
COBALT	4.6 U	4.6 U	NA	4.6 U	4.6 U	4.6 U	4.6 U
COPPER	20 U	20 U	NA	20 U	20 U	20 U	20 U
IRON	4500	88 U	NA	2200	330	21000	88 U
LEAD	3.4 U	3.4 U	NA	7.3	3.4 U	11	3.4 U
MAGNESIUM	200000	230000	NA	56000	49000	1800	13000
MANGANESE	330	85	NA	1500	1200	420	12 U
NICKEL	16	15 U	NA	15 U	25	15 U	15 U
POTASSIUM	9000	50000	NA	2600	2700	2400	25000
SELENIUM	20 U	20 U	NA	20 U	20 U	20 U	20 U
SILVER	5.2 U	5.2 U	NA	5.2 U	5.2 U	5.2 U	5.2 U
SODIUM	2300000	2800000	24000	78000	65000	240000	150000
THALLIUM	3.1 U	3.1 U	NA	3.1 U	3.1 U	3.1 U	3.1 U
VANADIUM	11	4.3 U	NA	7	7.2	37	5.9
ZINC	20	20 U	NA	20 U	20 U	33	20 U
MERCURY	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U

NA - Not Analyzed

Table 6D
Groundwater Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location Sample Date Concentration	**PG-RS-2** 11/24/2000 UG/L	**PG-TMW-01** 11/29/2000 UG/L	**PG-TMW-02** 12/2/2000 UG/L
ALUMINUM (FUME OR DUST)	2200	1600	58 U
ANTIMONY	3.3 U	3.3 U	3.3 U
ARSENIC	3.7	3.6 U	54
BARIUM	110	39	23 U
BERYLLIUM	2.5 U	2.5 U	2.5 U
CADMIUM	16	1.4 U	1.4 U
CALCIUM METAL	22000	36000	140000
CHROMIUM	16 U	22	16 U
COBALT	4.6 U	6.3	4.6 U
COPPER	20 U	20 U	20 U
IRON	12000	3100	690
LEAD	9.9	3.4 U	3.4 U
MAGNESIUM	10000	8600	58000
MANGANESE	120	2400	140
NICKEL	15 U	28	15 U
POTASSIUM	77000	6300	17000
SELENIUM	20 U	20 U	20 U
SILVER	5.2 U	5.2 U	5.2 U
SODIUM	330000	22000	400000
THALLIUM	3.1 U	3.1 U	3.1 U
VANADIUM	21	47	10
ZINC	70	40	25
MERCURY	0.21 U	0.21 U	0.21 U

NA - Not Analyzed

Table 6E
Groundwater Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location Sample Date		PG-BW-13 11/29/2000	PG-CS-7 11/24/2000	PG-EW-3 11/24/2000	PG-EW-6 11/24/2000	PG-GW-10 11/24/2000	PG-GW-3 11/27/2000	PG-GW-5 11/27/2000
PETROLEUM HYDROCARBONS	MG/L	1.0 U	1.0 U	1.2	1.1 U	1.0 U	1.0 U	1.0 U
OIL & GREASE	MG/L	80	22	22	15	7.9	20	2.4
CYANIDE	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.011	0.01 U
*pH	pH units	12.26	9.16	8.23	12.82	7.72	6.87	6.88
TOTAL PHENOLICS	MG/L	0.098	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

*Note: pH listed is the pH recorded in the field

Table 6E
Groundwater Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location Sample Date		***PG-GW-7*** 11/24/2000	***PG-GW-9*** 11/27/2000	***PG-PA-MW-1*** 11/28/2000	***PG-PA-MW-1D*** 11/29/2000	***PG-MW-3*** 11/28/2000	***PG-MW-4*** 11/28/2000	***PG-PA-MW-4*** 11/28/2000
PETROLEUM HYDROCARBONS	MG/L	1.1 U	1.0 U	2.4	1.0 U	1.0 U	1.0 U	1.0 U
OIL & GREASE	MG/L	12	15	0.66	0.15	25	33	21
CYANIDE	MG/L	0.01 U	0.2 U	0.01 U	0.016	0.027	0.01 U	0.15
*pH	pH units	6.6	7.21	12.35	7.07	6.91	6.91	6.69
TOTAL PHENOLICS	MG/L	0.05 U	0.05 U	0.22	0.05 U	0.05 U	0.05 U	0.05 U

*Note: pH listed is the pH recorded in the field

Table 6E
Groundwater Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location Sample Date		PG-PA-MW-4D 12/1/2000	PG-PA-MW-5 11/24/2000	PG-PA-MW-6 11/27/2000	PG-PA-MW-6D 11/30/2000	PG-PA-MW-7 11/27/2000	PG-PA-MW-7D 11/30/2000	PG-PA-MW-8 11/30/2000
PETROLEUM HYDROCARBONS	MG/L	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.2 U
OIL & GREASE	MG/L	22	1.0 U	13	21	9.8	18	
CYANIDE	MG/L	0.039	0.01 U	0.013	0.01 U	0.033	0.01 U	0.046
*pH	pH units	6.61	6.76	11.36	7.08	7.42	7.31	6.79
TOTAL PHENOLICS	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

*Note: pH listed is the pH recorded in the field

Table 6E
Groundwater Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location Sample Date		PG-PA-MW-10D 11/30/2000	PG-PA-MW-11D 11/29/2000	PG-PA-MW-12 11/28/2000	PG-PA-MW-13 11/28/2000	PG-PA-MW-14D 12/1/2000	PG-PA-MW-15 11/20/2000	PG-PA-MW-15D 11/20/2000
PETROLEUM HYDROCARBONS	MG/L	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U	1.1 U
OIL & GREASE	MG/L	22	18	19	20	24	1.1 U	1.1 U
CYANIDE	MG/L	0.074	0.012	0.01 U	0.01 U	0.018	0.01 U	0.01 U
*pH	pH units	6.76	7.41	12.91	6.7	6.68	6.59	7
TOTAL PHENOLICS	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

*Note: pH listed is the pH recorded in the field

Table 6E
Groundwater Analytical Results
TPHC, Oil and Grease, pH, Cyanide and Total Phenolics
Port Ivory Site
Staten Island, N.Y.

Location Sample Date		PG-PA-MW-15D 11/30/2000	PG-PZ-1 11/24/2000	PG-RS-1 11/24/2000	PG-RS-2 11/24/2000	PG-TMW-01 11/29/2000	PG-TMW-02 12/2/2000
PETROLEUM HYDROCARBONS	MG/L	1.1 U	1.1 U	1.0 U	1.0 U	1.0 U	10
OIL & GREASE	MG/L	25	19	21	14	13	7.8
CYANIDE	MG/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01	0.01 U
*pH	pH units	7.4	7.02	11.24	8.54	7.12	7.1
TOTAL PHENOLICS	MG/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

*Note: pH listed is the pH recorded in the field

Table 7
Sediment Analytical Results
Metals
Port Ivory Site
Staten Island, N.Y.

Location	PG-SED-1	PG-SED-2	PG-SED-3	PG-SED-4	PG-SED-5
Sample Date	11/21/2000	11/21/2000	11/21/2000	11/21/2000	11/21/2000
Concentration	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM (FUME OR DUST)	4100	3400	1900	5800	5700
ANTIMONY	3.2 U	2.7 U	2.3 U	5 U	5.2 U
ARSENIC	16	19	14	11	12
BARIUM	72	70	32	96	98
BERYLLIUM	0.89 U	0.74 U	0.63 U	1.4 U	1.4 U
CADMIUM	0.67 U	.64	.53	1 U	1.1 U
CALCIUM METAL	2700	3500	2700	4600	5200
CHROMIUM	52	49	30	78	82
COBALT	4.9	5.8	3.4	6	5.9 U
COPPER	130	160	61	180	190
IRON	20000	23000	18000	23000	25000
LEAD	160	380	310	200	190
MAGNESIUM	5100	6400	2700	5200	5900
MANGANESE	130	120	100	160	180
MERCURY	1.1	.92	.29	2.6	2.6
NICKEL	48	90	33	53	45
POTASSIUM	1200	740 U	630 U	1400 U	1900
SELENIUM	5.6 U	4.6 U	4 U	8.6 U	8.9 U
SILVER	1.8	4.3	0.79 U	2.5	2.5
SODIUM	8000	2200	1300	5300	13000
THALLIUM	2.7 U	2.2 U	1.9 U	4.1 U	4.3 U
VANADIUM	24	27	18	43	36 U
ZINC	610	600	510	650	560

Table 8
Surface Water Analytical Results
Metals and pH
Port Ivory Site
Staten Island, N.Y.

Location Sample Date Concentration	**PG-SW-01** 11/21/2000 UG/L	**PG-SW-02** 11/21/2000 UG/L	**PG-SW-03** 11/21/2000 UG/L
ALUMINUM (FUME OR DUST)	1400	1700	25000
ANTIMONY	3.3 U	3.3 U	3.3 U
ARSENIC	3.6	5.2	57
BARIUM	71	70	440
BERYLLIUM	2.5 U	2.5 U	4.1
CADMIUM	1.4 U	1.4 U	9.8
CALCIUM METAL	150000	150000	160000
CHROMIUM	16 U	16 U	220
COBALT	4.6 U	4.6 U	16
COPPER	43	51	790
IRON	2900	3800	63000
LEAD	21	29	650
MAGNESIUM	360000	380000	320000
MANGANESE	190	180	690
MERCURY	.93	.54	.55
NICKEL	15 U	15 U	140
PH	8.1	8.2	7.5
POTASSIUM	130000	140000	110000
SELENIUM	20 U	20 U	20 U
SILVER	5.2 U	5.2 U	5.2 U
SODIUM	3500000	3600000	2800000
THALLIUM	3.1 U	3.1 U	3.1 U
VANADIUM	4.3 U	4.3 U	100
ZINC	130	130	2500
pH	8.1	8.2	7.5