NASSAU UNIFORM SERVICES

INTERIM REMEDIAL MEASURE CONSTRUCTION COMPLETION REPORT 525 RAY STREET FREEPORT, NEW YORK

SITE NO. 130063 NYSDEC RECORD OF DECISION

MARCH 2011

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EXECUTIVE SUMMARY

Gannett Fleming Engineers (GF), on behalf of the Nassau Uniform Services (NUS) has prepared this IRM Construction Completion Report for the property at 525 Ray Street in Freeport, New York. A site location map is provided as Figure 1. NUS is under an Order on Consent to remediate their site in accordance with the New York State Department of Environmental Conservation (NYSDEC) Record of Decision, Section 8, Summary of the Selected Remedy (ROD) dated March 2007. The objective of this IRM Construction Completion Report is to describe several interim remedial activities completed at the site such as:

On-site activities included the following:

- The removal of the 275-gallon day tank located on the third floor of the NUS building;
- The removal and disposal of contained chemicals and wastes which were used during the former laundry operation;
- The excavation, removal, and disposal of the former oil/water separator;
- The excavation, removal, and disposal of the concrete floor slab and soil below the slab within the machine room and bay door area, and;
- Community Air Monitoring during excavation activities.

1.0 INTRODUCTION

Gannett Fleming Engineers (GF), on behalf of the Nassau Uniform Services (NUS) has prepared this IRM Construction Completion Report for the property at 525 Ray Street in Freeport, New York. A site location map is provided as Figure 1. NUS is under an Order on Consent to remediate their site in accordance with the New York State Department of Environmental Conservation (NYSDEC) Record of Decision, Section 8, Summary of the Selected Remedy (ROD) dated March 2007. The objective of this IRM Construction Completion Report is to describe several interim remedial activities completed at the site such as:

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- The excavation, removal, and disposal of the concrete floor slab and soil below the slab within the machine room and bay door area, and;
- Community Air Monitoring during excavation activities.

This report describes the on-site activities, analytical results, and recommendations.

2.0 SITE HISTORY AND DESCRIPTION

2.1 Subject Property

Nassau Uniform Services (NUS) site is a 0.5 acre site located at 525 Ray Street in Freeport, New York. It is bounded to the west by a man-made tidal canal, to the north by industrial properties, and to the east by residential properties. To the south and southwest of the site location are occupied condominiums and to the northwest of the site are currently unoccupied, newly constructed condominiums. The adjacent saltwater canal flows into Milburn Creek, which is classified as a Class SC water body. This creek flows southerly to Freeport Bay.

NUS is a uniform supply company that has operated on this site since the early 1960s. Site operations for approximately 40 years included the washing and dry cleaning of industrial clothing and rags. Tetrachloroethene (PCE) was primarily used in the dry cleaning operations. All laundry activities have ceased at the site since October 2007.

2.2 Site Geology

As presented in the Remedial Action Report, dated June 22, 2006, prepared by Anson Environmental Ltd., the site's geology consists of mostly sands to four feet below grade with organic marsh deposits to approximately seven feet below grade. Underlying the organic peat layer is fine to medium and coarse-grained quartz sands with varying amounts of gravel. Fine sands, silts and traces of clays were encountered from 33 to 53 feet below grade. Prior to development, the site was believed to be part of the marsh on the eastern banks of Milburn Creek.

Groundwater is tidally influenced and ranges from five to seven feet below grade. Groundwater near the canal is brackish due to salt-water intrusion. Generally, groundwater flows to the west. The groundwater flow changes toward the south during high tide.

2.3 Historic Investigations and Remedial Actions

In 1984, a tank test suggested potential leakage from a 2,000 gallon UST containing gasoline. The tank was removed from the ground and was reported to have several holes. Spill number 84-0959 was assigned to this event. Monitoring wells were installed to monitor this spill. The tank was located at the eastern side of the NUS building near the front door. The spill was subsequently closed in December 1998.

Historically, a 2,000-gallon tetrachloroethene (PCE) tank was located at the site for more than 10 years. The tank was removed in 1990, and in 1991, soil samples from beneath the former tank were found to contain PCE. The former tank area has been identified as the primary source of the soil and groundwater contamination. Evidence of spills was also observed at the outdoor garbage disposal area in the northwest corner of the site and around the floor drains in the compressor room adjacent to the dry cleaning machines. No spill number was assigned to this contamination because there was no defined spill as the contaminants were believed to have entered the soil and groundwater over time. In 1993, the NYSDEC classified the site as a Class 2 site in the Registry of Inactive Hazardous Waste Disposal Sites in New York.

In March 2002, a blockage in a sewer line caused the wastewater from the laundry operations to overflow from an oil/water separator. The wastewater flowed through a gutter on the northern side of the building to a nearby stormwater catch basin on Ray Street and subsequently into nearby Milburn Creek. Samples collected from the oil/water separator contained oil and solvents. As a result of the spill, contaminated sediments were removed from the oil/water separator and the nearby catch basin. This spill was assigned two NYSDEC spill numbers: 01-11674 and 01-25346. The latter spill number was assigned to the spill of the wastewater into Milburn Creek.

Several remedial actions have taken place at the NUS site. One was the excavation of three cubic yards of soil and sediment from around the oil/water separator, an area that was impacted by the 2002 spill.

Two Soil Vapor Extraction Systems (SVES) were installed in 2003. They have operated at various times to treat soil and soil vapor contamination. These systems are currently not in operation due to the 2009 excavation activities within the building.

Additionally, in 2006, a Groundwater Treatment and Extraction System (GETS) was installed to extract contaminated groundwater from three wells and treat the contaminated water in a low profile air stripping unit. This system is currently not in operation due to the 2009 excavation activities within the building.

In March 2007, the NYSDEC issued the final Record of Decision for NUS. The Record of Decision included the on-going operation and maintenance of the GETS and SVES as well as excavation of soil adjacent to the oil/water separator to remove semi-volatile organic compounds and inorganic contamination in the surficial and subsurface soils and other activities as needed to protect human health and the environment. An Interim Remedial Measure (IRM) Work Plan was prepared for the excavation work at the oil/water separator.

In October of 2007, a fuel oil spill occurred in the NUS building. The cause of the spill was failure of a 275-gallon indoor day tank. Spill Number 0751018 was assigned to this most recent spill. Fuel oil was normally pumped from two tanks located on the first floor to the day tank, located on the third floor. Fuel oil released due to the day tank failure spread to the first floor. Some of the fuel oil flowed out of the bay door on the northwest side of the building and along Ray Street (west) eventually discharging into the adjacent canal. Laundry operations ceased at this time.

NUS retained a cleanup contractor and fuel oil was removed by vacuum truck and disposed off site in accordance with regulatory requirements. Absorbent materials were placed within the canal and within adjacent sewer-connected manholes to mitigate the release in these areas. The NYSDEC observed all cleanup activities.

In June 2009, the bulkhead along Milburn Creek was replaced. In July 2009, excavation of the soil within the machine room and within the room along the creek began. Due to bulkhead

replacement and excavation activities, both SVE systems and the GETS were taken off line to excavate below these structures.

3.0 SCOPE OF WORK

On-site activities included the following:

- The removal of the 275-gallon day tank located on the third floor of the NUS building;
- The removal and disposal of contained chemicals and wastes which were used during the former laundry operation;
- The excavation, removal, and disposal of the former oil/water separator;
- The excavation, removal, and disposal of the concrete floor slab and soil below the slab within the machine room and bay door area, and;
- Community Air Monitoring during excavation activities.

3.1 Removal of the 275-Gallon Fuel Oil Day Tank

On March 22, 2010, GF observed that the 275-gallon day tank in the third floor boiler room had been removed. All piping and associated conduit between the day tank and former oil tank has been removed and the boilers were dismantled. The photolog is presented as Appendix A.

3.2 Contained Chemical and Waste Removal

In November 2009, GF retained a hazardous waste disposal contractor to remove existing hazardous and non-hazardous products that remained from the former dry cleaning & laundry operations. These substances included dyes and inks, detergents, oxidizers, bleach, waste oil and other byproducts of the laundry operations. The waste inventory and manifests from these activities are provided as Appendix B.

3.3 Removal of the Oil/Water Separator

On February 8, 2010, NUS began to disassemble and remove the oil-water separator located along Ray Street and the north side of the facility. Soils located around and beneath the oil-water separator were inspected for petroleum and VOC impacts and excavated for disposal off-site. All work to remove the oil-water separator and the associated excavation activities were observed by a NYSDEC representative.

On February 9, 2010, the excavation work around the former oil-water separator was completed. Waste disposal manifests are provided as Appendix B.

GF personnel collected soil samples from a total of four locations along the perimeter and bottom of the excavation (See Figure 4 for sampling locations). PID measurements in the soil samples field screened ranged from 2.0 ppm in soil sample OW-4 to 4,348 ppm in soil sample OW-1. PID soil screening results are presented in the table below:

PID Soil Screening Results – Oil/Water Separator Excavation

Sample ID	VOCs (ppm)	Sample Depth (feet bgs)
EP-OW-1	4,348	4-5
EP-OW-2	2.8	4-5
EP-OW-3	3.2	4-5
EP-OW-4	2.0	3-4

GF personnel collected a total of four end-point soil samples (EP-OW-1 through EP-OW-4) from locations approved by the on-site NYSDEC representative, along the perimeter and bottom of the oil-water separator excavation, and submitted the soil samples for laboratory analysis of VOCs, SVOCs, TAL metals, and Mercury. Soil samples were not collected along the southern sidewall of the oil-water separator excavation due to the building wall being located adjacent to this wall.

3.4 Removal of the Interior Concrete Slab and Soil

In June 2009, NUS began to replace the bulkhead along the canal at the southern portion of the property. The NYSDEC requested that the slab in the garage area be removed to determine if fuel oil impacts existed beneath the slab. The NYSDEC inspected the soil below the slab. No visual or olfactory evidence of soil impacts were observed.

In late July 2009, NUS began to remove the concrete floor slabs in the machine room in order to begin excavation of soils beneath the slab. NUS removed all piping in the floor and chased all piping in the machine room to observe any signs of contaminated soils around the pipes. Piping removed included piping that connected machines and equipment with the oil/water separator as

well as concrete conduits that guided wastewater to the oil/water separator. Staining was observed in these conduits and on the surface of the concrete floor, evidence of historic operations within the room.

In August 2009, NUS finished removing the concrete floor and piping in the machine room and began to remove the concrete slab in the former compressor room and the east end of the creekside bay area room. The concrete was removed by September 2009. In early October 2009, NUS began excavating the areas around the supporting wall between the compressor room and machine room. This excavation was in support of installing shoring to keep the building structurally sound. The walls and supports of the building were completely shored by mid October, at which time the excavation of soils beneath the concrete floors commenced. By January 2010, excavation activities were complete in both rooms. All excavated soil was stockpiled in the northern room of the NUS building. Soil was staged on and covered with plastic sheeting until the soil was transported to an approved facility. Waste disposal manifest are provided in Appendix B.

An endpoint sampling event was performed by GF and overseen by an on-site NYSDEC representative on January 7, 2010. GF personnel collected soil samples from a total of seven locations along the perimeter of the bay door area excavation (Figure 3). PID measurements in the soil samples field screened ranged from 0.1 ppm in soil sample EP-BA-3 to 12.2 ppm in soil sample BA-8. PID soil screening results are summarized in the table below:

PID Soil Screening Results - Bay Door Area

Sample ID	VOCs (ppm)	Sample Depth (feet bgs)
EP-BA-3	0.1	4-5
EP-BA-4	2.2	4-5
EP-BA-5	7.2	4-5
EP-BA-6	3.1	4-5
BA-7	1.1	4-5
BA-8	12.2	4-5
BA-9	0.0	4-5

GF personnel collected a total of four endpoint soil samples (EP-BA-3, EP-BA-4, EP-BA-5, and EP-BA-6) from locations approved by the on-site NYSDEC representative, along the perimeter of the bay door area excavation, and submitted the soil samples for laboratory analysis of VOCs.

Soil samples were not collected along the eastern wall of the bay door area excavation due to steel, vertical shoring that was installed in order to stabilize the center wall that separates the machine room and bay door area excavations.

On January 7, 2010, GF personnel collected soil samples from a total of five locations (Figure 3) along the perimeter of the machine room excavation. PID measurements in the soil samples field screened ranged from 0.3 ppm in soil sample MR-4 to 1.4 ppm in soil sample MR-3. PID soil screening results are presented in the table below:

PID Soil Screening Results - Machine Room

Sample ID	VOCs (ppm)	Sample Depth (feet bgs)
MR-1	0.4	4-5
MR-2	0.8	4-5
EP-MR-3	1.4	4-5
EP-MR-4	0.3	4-5
MR-5	0.6	4-5

GF personnel collected a total of two end-point soil samples (EP-MR-3 and EP-MR-4) from locations approved by the on-site NYSDEC representative, along the perimeter of the machine room excavation, and submitted the soil samples for laboratory analysis of VOCs.

Soil samples were not collected along the western, northern, and southern sidewalls of the machine room excavation due to steel, vertical shoring that was installed in order to stabilize the center wall that separates the machine room and bay door area excavations, and stabilize the northern and southern walls of the excavation area.

3.5 Community Air Monitoring Effort

Community air monitoring was performed during all excavation and soil removal activities. A summary of the community air monitoring effort and the data collected during the activities is included in Appendix C.

4.0 ANALYTICAL RESULTS

A summary of the laboratory results for each soil sample collected from the excavation endpoints are included on Tables 1 and 2. Laboratory analytical data sheets are included in Appendix D. Laboratory analytical results were compared to applicable NYSDEC Recommended Soil Cleanup Objectives (RSCOs) and Brownfields Unrestricted and Restricted Use Soil Cleanup Objectives.

4.1 Oil /Water Separator Endpoint Sample Results

Laboratory analytical results reported tetrachloroethene (1,400,000 ppb) and trichloroethene (65,000 ppb) in the EP-OW-1 sample at levels exceeding the RSCOs and Brownfields Cleanup Objectives. The laboratory analytical results for sample EP-OW-3 reported cis-1,2-dichloroethene (470 ppb) at concentrations greater than the Brownfields Cleanup Objectives for Unrestricted Use and Restricted Use-Protection of Groundwater Cleanup Objectives. The concentration of total VOCs in sample EP-OW-1 (1,523,000 ppb) exceeded the NYSDEC RSCO for total VOCs (10,000 ppb). No fuel oil related VOCs were reported at concentrations greater than the RSCOs or Brownfields Unrestricted and Restricted Soil Cleanup Objectives.

Several metals were reported at concentrations higher than RSCOs and Brownfields Unrestricted and Restricted Soil Cleanup Objectives. Cadmium (EP-OW-3), copper (EP-OW-1 and EP-OW-3), iron (all samples), nickel (EP-OW-3), and zinc (EP-OW-3) exceeded the NYSDEC RSCOs. Nickel (EP-OW-3), and zinc (EP-OW-3) exceeded the NYSDEC Brownfields Unrestricted Use Soil Cleanup Objectives. Nickel (EP-OW-3) exceeded the NYSDEC Brownfields Restricted Use Soil Cleanup Objectives for Protection of Groundwater. No samples were reported to have concentrations greater than the Brownfields Restricted Use Soil Cleanup Objectives for Restricted Residential or Protection of Public Health-Commercial.

A tabulated summary of analytical results for the oil-water separator excavation is provided as Table 1.

4.2 Bay Door Area Endpoint Sample Results

Laboratory analytical results reported concentrations of VOCs below NYSDEC RSCOs and Brownfields Unrestricted and Restricted Soil Cleanup Objectives for all soil samples collected from the bay door area excavation activities. Table 2 summarizes the analytical results for the bay door area excavation.

4.3 Machine Room Endpoint Sample Results

Laboratory analytical results reported concentrations of VOCs below NYSDEC RSCOs and Brownfields Unrestricted and Restricted Soil Cleanup Objectives for all soil samples collected from the bay door area excavation activities. Table 2 summarizes the analytical results for the machine room excavation.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Gannett Fleming Engineers (GF), on behalf of the Nassau Uniform Services (NUS) has prepared this IRM Construction Completion Report for the property at 525 Ray Street in Freeport, New York. A site location map is provided as Figure 1. NUS is under an Order on Consent to remediate their site in accordance with the New York State Department of Environmental Conservation (NYSDEC) Record of Decision, Section 8, Summary of the Selected Remedy (ROD) dated March 2007. The objective of this IRM Construction Completion Report is to describe several interim remedial activities completed at the site such as:

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The interior excavation endpoint soil samples reported concentration of VOCs below standards. GF recommends the installation of a sub-slab depressurization system prior to the construction of the interior slab.

The OWS endpoint soil samples reported concentrations of VOCs, SVOCs, and metals above standards. Due to the location of the OWS adjacent to the building's structural wall and footing, additional soil removal could not be completed. GF recommends additional delineation of the soil and groundwater impacts surrounding the OWS.

FIGURES

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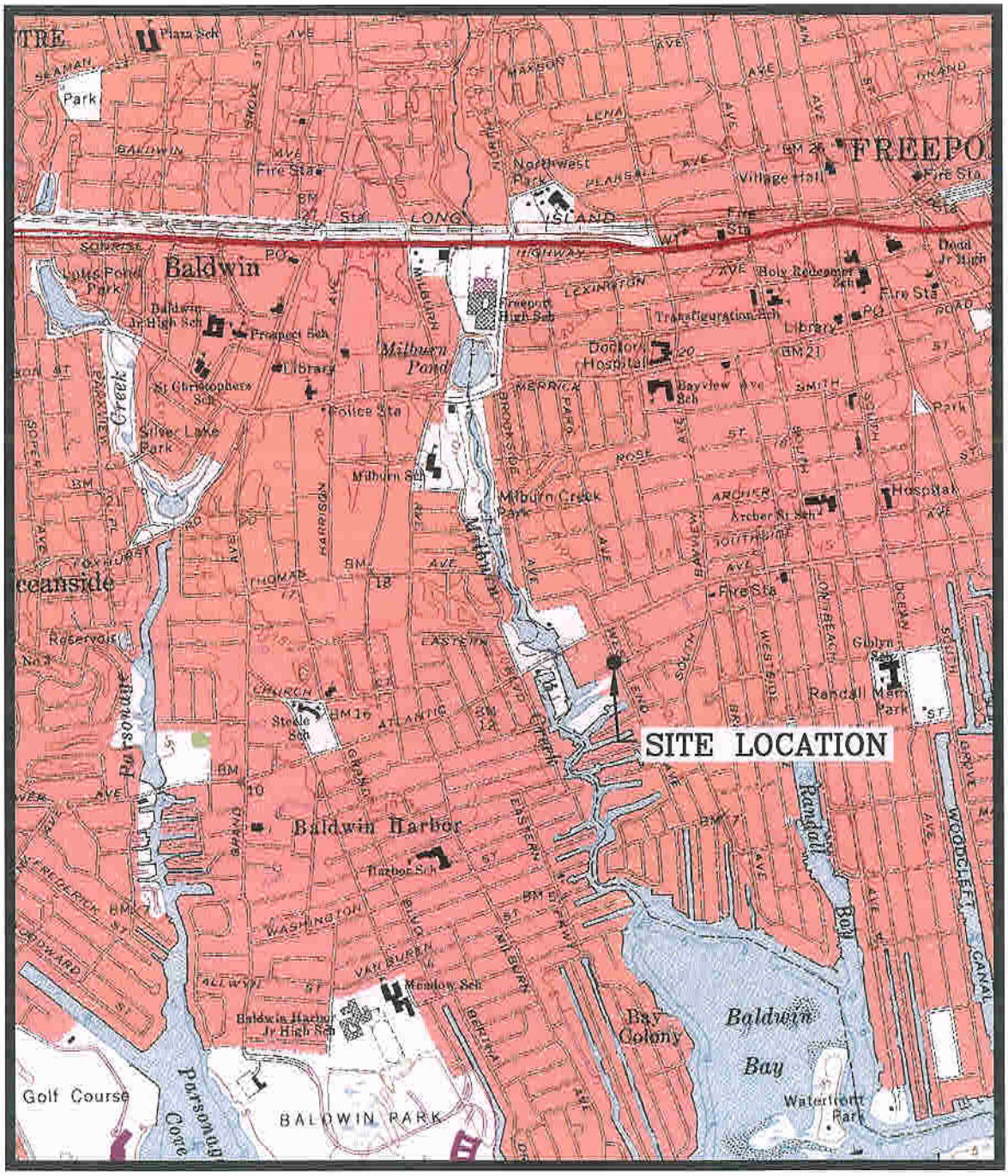
FIGURE 1

NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK



SCALE 1"=2000'

U.S.G.S.7.5 MINUTE QUADRANGLE
FREEPORT, NEW YORK

LOCATION MAP

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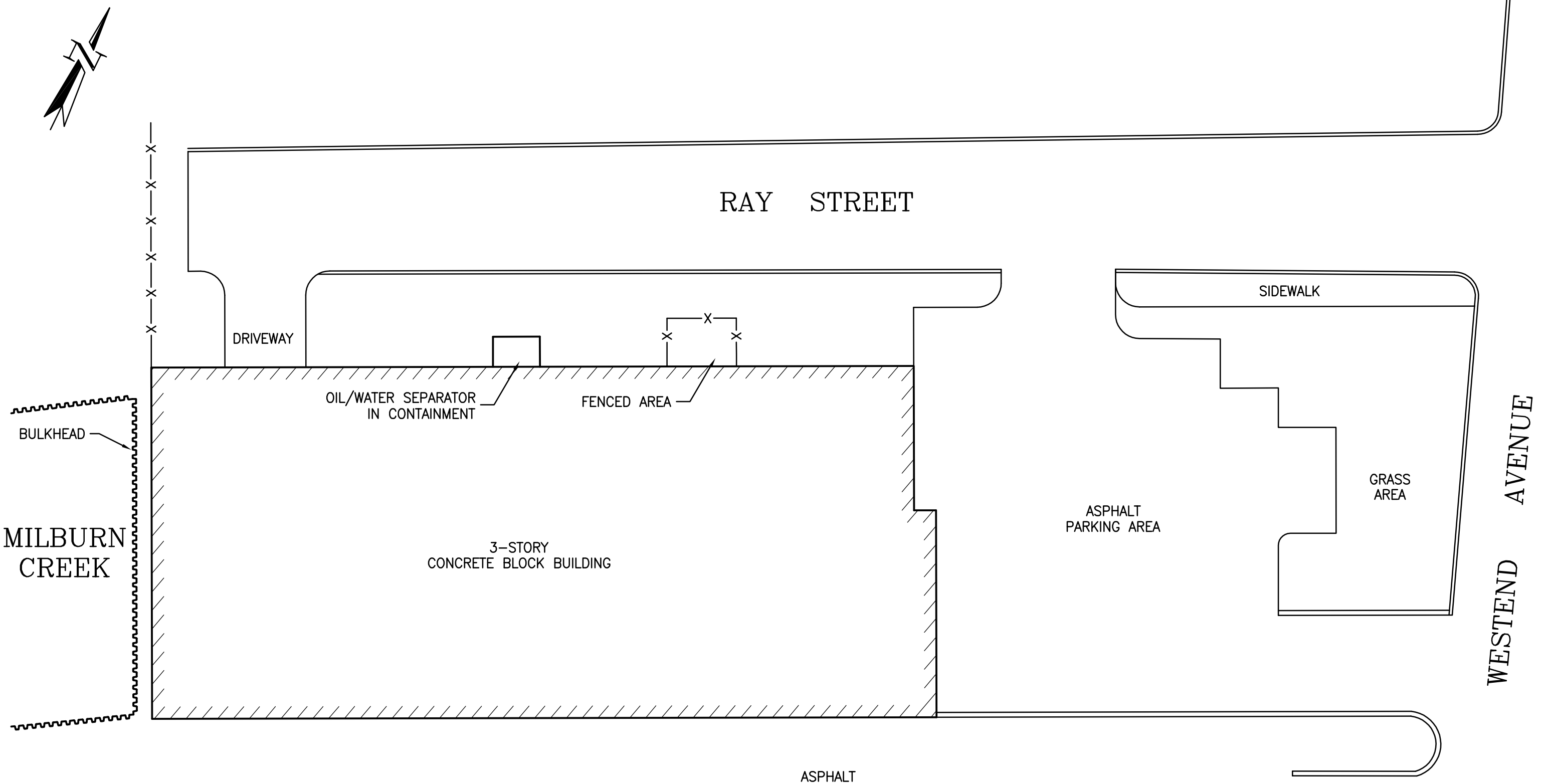
FIGURE 2



SITE PLAN

NASSAU UNIFORM SERVICES

FREEPORT, NEW YORK

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FIGURE 3

RAY STREET

SIDEWALK

DRIVEWAY

X

MR-1

EP-MR-3

MR-2

EP-MR-4

MR-5

EP-BA-6

BA-7

EP-BA-5

BA-8

EP-BA-4

BA-9

EP-BA-3

BULKHEAD

MILBURN CREEK

ASPHALT PARKING AREA

GRASS AREA

WESTEND AVENUE

ASPHALT PARKING AREA

LEGEND

EXCAVATION AREA

FIELD MEASURED SAMPLE POINT

FIELD MEASURED/ANALYTICAL SAMPLE POINT WITH SAMPLE ID

0 20

Scale In Feet

EXCAVATION AREA AND ENDPOINT SAMPLE LOCATIONS

NASSAU UNIFORM SERVICES

FREEPORT, NEW YORK

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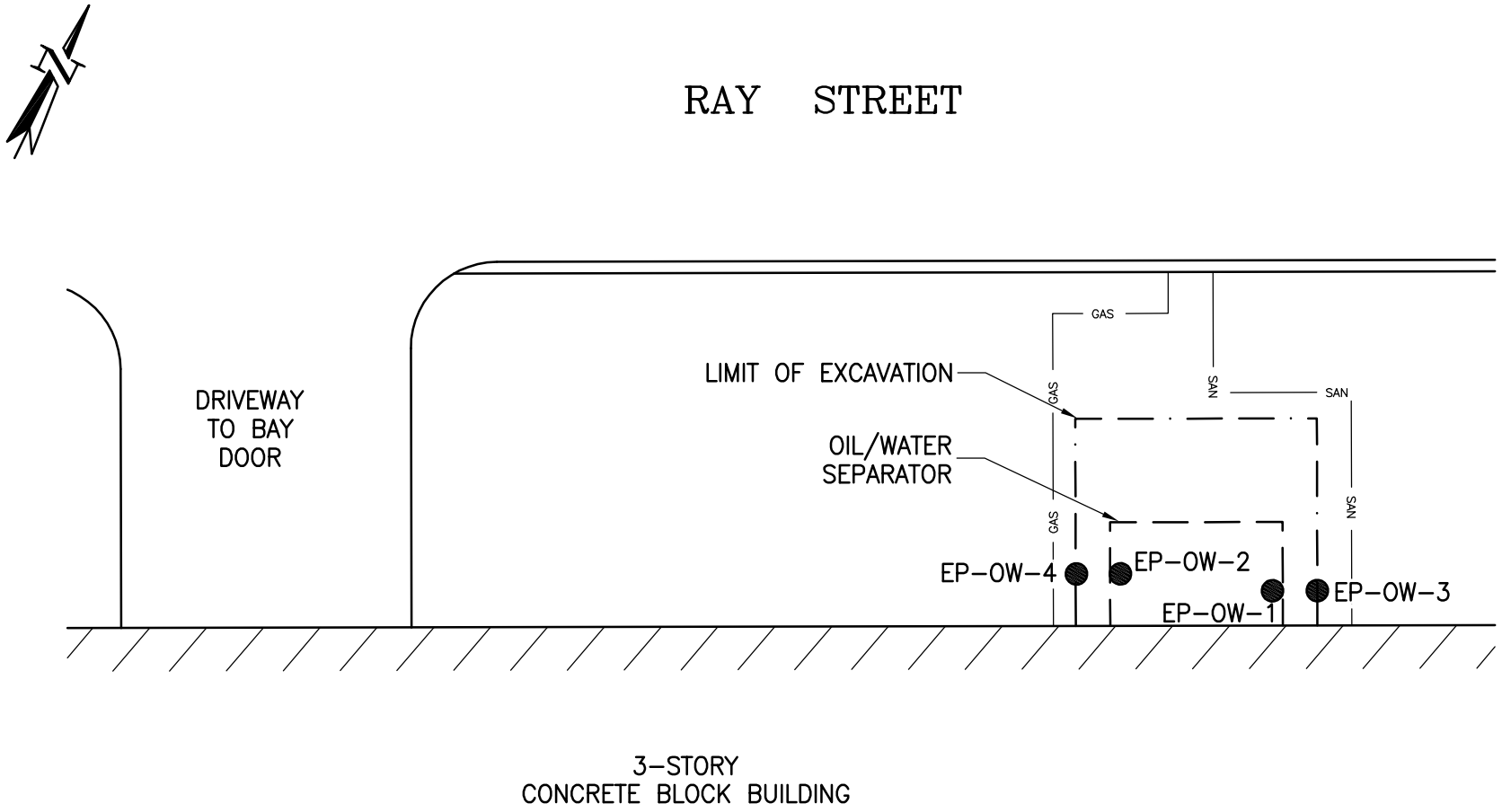

LEGEND:

● ENDPOINT SAMPLE LOCATION

0 10

Scale In Feet

OIL WATER SEPARATOR EXCAVATION
ENDPOINT SAMPLES

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FREEPORT, NEW YORK

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FIGURE 4

TABLES

TABLE 1
SOIL ANALYTICAL RESULTS
METALS
OIL-WATER SEPARATOR EXCAVATION ENDPOINT SAMPLES

NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK

Compound	NYSDEC TAGM Recommended Soil Cleanup Objectives (RSCOs)	NYSDEC Brownfields Unrestricted Use Soil Cleanup Objectives	NYSDEC Brownfields Restricted Use Soil Cleanup Objective-Resticted Residential	NYSDEC Brownfields Restricted Use Soil Cleanup Objective-Protection of Public Health-Commercial	NYSDEC Brownfields Restricted Use Soil Cleanup Objectives-Protection of Groundwater	**EP-OW-1**	**EP-OW-DUP (EP-OW-1)**	**EP-OW-2**	**EP-OW-3**	**EP-OW-4**
					Date	2/9/2010	2/9/2010	2/9/2010	2/9/2010	2/9/2010
Metals (mg/kg) - EPA Method 6010										
Aluminum	SB	---	---	---	---	2,580	3,300	2,420	5,570	5,130
Antimony	SB	---	---	---	---	4.7 U	4.8 U	4.6 U	4.6 U	4.8 U
Arsenic	7.5 or SB	13	16	16	16	6.0 U	6.0 U	5.9 U	5.9 U	6.1 U
Barium	300 or SB	350	400	400	820	9.2	6.9	15.0	28.8	7.0
Beryllium	0.16 SB	7.2	72	590	47	1.4 U	1.4 U	1.4 U	1.4 U	1.5 U
Cadmium	1 or SB	2.5	4.3	9.3	7.5	0.4 J	1.4 U	1.4 U	**3.0**	1.5 U
Calcium	SB	---	---	---	---	297	209	237	542	453
Chromium	10 or SB	1/30*	110/180*	400/1,500*	19/---*	4.7	5.8	4.7	9.4	6.3
Cobalt	30 or SB	---	---	---	---	1.8	1.5	1.5	8.0	1.8
Copper	25 or SB	50	270	270	1,720	**29.3**	5.1	3.9	**30.0**	3.9
Iron	2,000 or SB	---	---	---	---	**3,490**	**5,500**	**3,520**	**6,380**	**4,460**
Lead	SB **	63	400	1,000	450	17.7	2.9 J	2.3 J	18.3	3.5 J
Magnesium	SB	---	---	---	---	381	696	491	912	731
Manganese	SB	1,600	2,000	10,000	2,000	18.9	27.7	20.5	34.1	27.1
Mercury	0.1	0.18	0.81	2.8	0.73	0.054 J	0.021 J	0.018 J	0.043 J	0.015 J
Nickel	13 or SB	30	310	310	130	**14.5**	5.3	3.5	**181**	4.6
Potassium	SB	---	---	---	---	112 J	180	170	214	187
Selenium	2 or SB	3.9	180	1,500	4	10.8 U	10.8 U	10.5 U	10.5 U	11 U
Silver	SB	2	180	1,500	8.3	1.4 U	1.4 U	1.4 U	1.4 U	1.5 U
Sodium	SB	---	---	---	---	143 U	144 U	20.1 J	47.4 J	28.1 J
Thallium	SB	---	---	---	---	4.3 U	4.3 U	4.2 U	4.2 U	4.4 U
Vanadium	150 or SB	---	---	---	---	5.4	6.9	5.3	10.2	7.4
Zinc	20 or SB	109	10,000	10,000	2,480	19.6	9.8	7.3	**178**	10.0

Notes:
NYSDEC: New York State Department of Environmental Conservation
TAGM: Technical and Administrative Guidance Memorandum #4046
All units are milligrams per kilogram (mg/kg) - parts per million (ppm)
Concentrations reported on a dry-weight basis
Sample analysis by Test America Laboratories, Inc. of Shelton, Connecticut
--- - No standard available
U - Analyzed for but not detected
J - Indicates an estimated value
* - The standard for hexavalent chromium is the first value; the standard for trivalent chromium is the second value
** - Background levels for lead vary widely; average background levels in metropolitan/suburban areas typically range from 200 to 500 ppm

TABLE 1
SOIL ANALYTICAL RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
OIL-WATER SEPARATOR EXCAVATION ENDPOINT SAMPLES

NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK

Compound	NYSDEC TAGM Recommended Soil Cleanup Objectives (RSCOs)	NYSDEC Brownfields Unrestricted Use Soil Cleanup Objectives	NYSDEC Brownfields Restricted Use Soil Cleanup Objective-Resticted Residential	NYSDEC Brownfields Restricted Use Soil Cleanup Objective-Protection of Public Health-Commercial	NYSDEC Brownfields Restricted Use Soil Cleanup Objectives-Protection of Groundwater	**EP-OW-1**	**EP-OW-DUP (EP-OW-1)**	**EP-OW-2**	**EP-OW-3**	**EP-OW-4**
					Date	2/9/2010	2/9/2010	2/9/2010	2/9/2010	2/9/2010
SVOCs (ug/kg) - EPA Method 8270										
1,1'-Biphenyl	---	---	---	---	---	580 J	190 J	120 J	1,200 U	320 U
2,4,5-Trichlorophenol	100	---	---	---	---	7,800 U	1,900 U	2,000 U	7,900 U	2,000 U
2,4,6-Trichlorophenol	---	---	---	---	---	12,000 U	310 U	310 U	1,200 U	320 U
2,4-Dichlorophenol	400	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
2,4-Dimethylphenol	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
2,4-Dinitrophenol	200 or MDL	---	---	---	---	7,800 U	1,900 U	2,000 U	7,900 U	2,000 U
2,4-Dinitrotoluene	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
2,6-Dinitrotoluene	1,000	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
2-Chloronaphthalene	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
2-Chlorophenol	800	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
2-Methylnaphthalene	36,400	---	---	---	---	370 J	700	310 U	1,200 U	320 U
2-Methylphenol (o-cresol)	100 or MDL	330	100,000	500,000	330	1,200 U	310 U	310 U	1,200 U	320 U
2-Nitroaniline	430 or MDL	---	---	---	---	3,100 U	760 U	770 U	3,100 U	800 U
2-Nitrophenol	330 or MDL	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
2,2'-Oxybis [chloropropane]	---		---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
4-Methylphenols	900	330	100,000	500,000	330	1,200 U	310 U	310 U	1,200 U	320 U
3,3-Dichlorobenzidine	---	---	---	---	---	1,500 U	380 U	380 U	1,500 U	390 U
3-Nitroaniline	500 or MDL	---	---	---	---	3,100 U	760 U	770 U	3,100 U	800 U
4,6-Dinitro-2-methylphenol	---	---	---	---	---	7,800 U	1,900 U	2,000 U	7,900 U	2,000 U
4-Bromophenyl phenyl ether	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
4-Chloro-3-methylphenol	240 or MDL	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
4-Chloroaniline	220 or MDL	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
4-Chlorophenyl phenyl ether	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
4-Nitroaniline	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
4-Nitrophenol	100 or MDL	---	---	---	---	7,800 U	1,900 U	2,000 U	7,900 U	2,000 U
Acenaphthene	50,000	20,000	100,000	500,000	98,000	1,200 U	310 U	310 U	1,200 U	320 U
Acenaphthylene	41,000	100,000	100,000	500,000	107,000	1,200 U	310 U	310 U	1,200 U	320 U
Acetophenone	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Anthracene	50,000	100,000	100,000	500,000	1,000,000	77 J	24 J	310 U	1,200 U	320 U
Atrazine	---	---	---	---	---	1,500 U	380 U	380 U	1,500 U	390 U
Benzo (a) anthracene	224 or MDL	1,000	1,000	5,600	1,000	69 J	310 U	310 U	79 J	320 U
Benzo (a) pyrene	61 or MDL	1,000	1,000	1,000	22,000	48 J	310 U	310 U	1,200 U	320 U
Benzo (b) fluoranthene	1,100	1,000	1,000	5,600	1,700	1,200 U	310 U	310 U	1,200 U	320 U
Benzo (g,h,i) perylene	50,000	100,000	100,000	500,000	1,000,000	1,200 U	310 U	310 U	130 J	320 U
Benzo (k) fluoranthene	1,100	800	3,900	56,000	1,700	1,200 U	310 U	310 U	1,200 U	320 U
Benzaldehyde	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Bis(2-chloroethoxy)methane	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Bis(2-chloroethyl)ether	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Bis(2-ethylhexyl)phthalate	50,000	---	---	---	---	12,000	3,100	34 J	15,000	35 J
Butylbenzylphthalate	50,000	---	---	---	---	2,500	720	60 J	880 J	320 U
Caprolacatam	---	---	---	---	---	1,200 U	1,600	310 U	1,200 U	320 U
Carbazol	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Chrysene	400	1,000	3,900	56,000	1,000	1,200 U	310 U	310 U	130 J	320 U
Dibenzo (a,h) anthracene	14 or MDL	330	330	560	1,000,000	1,200 U	310 U	310 U	1,200 U	320 U
Dibenzofuran	6,200	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Diethyl Phthalate	7,100	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Dimethyl Phthalate	2,000	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Di-n-Butyl Phthalate	8,100	---	---	---	---	860 J	300 J	310 U	1,200 U	320 U
Di-n-octyl Phthalate	50,000	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Fluoranthene	50,000	100,000	100,000	500,000	1,000,000	110 J	33 J	310 U	85 J	320 U
Fluorene	50,000	30,000	100,000	500,000	386,000	1,200 U	97 J	25 J	1,200 U	320 U
Hexachlorobenzene	410	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Hexachlorobutadiene	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Hexachlorocyclopentadiene	---	---	---	---	---	3,100 U	760 U	770 U	3,100 U	800 U
Hexachloroethane	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Indeno (1,2,3-cd) pyrene	3,200	500	500	5,600	8,200	1,200 U	310 U	310 U	1,200 U	320 U
Isophorone	4,400	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Naphthalene	13,000	12,000	100,000	500,000	12,000	490 J	920	57 J	1,200 U	320 U
Nitrobenzene	200 or MDL	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
N-Nitrosdi-n-propylamine	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
N-Nitrosdiphenylamine	---	---	---	---	---	1,200 U	310 U	310 U	1,200 U	320 U
Pentachlorophenol (ms)	1,000 or MDL	800	6,700	6,700	800	3,100 U	760 U	770 U	3,100 U	800 U
Phenanthrene	50,000	100,000	100,000	500,000	1,000,000	440 J	160 J	310 U	1,200 U	320 U
Phenol	30 or MDL	330	100,000	500,000	330	1,200 U	310 U	310 U	1,200 U	320 U
Pyrene	50,000	100,000	100,000	500,000	1,000,000	300 J	94 J	310 U	320 J	320 U
Total SVOCs	500,000	---	---	---	---	17,844	7,938	296	16,624	35

Notes:
NYSDEC: New York State Department of Environmental Conservation
TAGM: Technical and Administrative Guidance Memorandum #4046
All units are micrograms per kilogram (ug/kg) - parts per billion (ppb)
Sample analysis by Test America Laboratories, Inc. of Shelton, Connecticut
--- - No standard available
U - Analyzed for but not detected
J- Estimated Value
ND - Non-Detect
MDL - Method Detection Limit

TABLE 1
SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)
OIL-WATER SEPARATOR EXCAVATION ENDPOINT SAMPLES

NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK

Compound	NYSDEC TAGM Recommended Soil Cleanup Objectives	NYSDEC Brownfields Unrestricted Use Soil Cleanup Objectives	NYSDEC Brownfields Restricted Use Soil Cleanup Objective-Resticted Residential	NYSDEC Brownfields Restricted Use Soil Cleanup Objective-Protection of Public Health-Commercial	NYSDEC Brownfields Restricted Use Soil Cleanup Objectives-Protection of Groundwater	**EP-OW-1**	**EP-OW-DUP (EP-OW-1)**	**EP-OW-2**	**EP-OW-3**	**EP-OW-4**
					Date	2/9/2010	2/9/2010	2/9/2010	2/9/2010	2/9/2010
VOCs (ug/kg) - EPA Method 8260										
1,1,1-Trichloroethane	800	680	100,000	500,000	680	58,000 U	12 U	5.9 U	5.9 U	5.9 U
1,1,2,2-Tetrachloroethane	600	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
1,1,2-Trichloroethane	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
1,1,2- Trichloro-1,2,2-trifluoroethane	6,000	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
1,1-Dichloroethane	200	270	26,000	240,000	270	58,000 U	12 U	5.9 U	5.9 U	5.9 U
1,1-Dichloroethene	400	330	100,000	500,000	330	58,000 U	12 U	5.4 J	5.9 U	5.9 U
1,2,4-Trichlorobenzene	3,400	---	---	---	---	58,000 U	4.8 J	5.9 U	5.9 U	5.9 U*
1,2-Dibromo-3-chloropropane	---	---	---	---	---	58,000 U	23 U	12 U	12 U	12 U
1,2-Dibromoethane (EDB)	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
1,2-Dichlorobenzene	7,900	1,100	100,000	500,000	1,100	58,000 U	12 U	1.1 J	5.9	5.9
1,2-Dichloroethane	100	20	3,100	30,000	20	58,000 U	12 U	5.9 U	5.9 U	5.9 U
1,2-Dichloropropane	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
1,3-Dichlorobenzene	1,600	2,400	49,000	280,000	2,400	58,000 U	12 U	5.9 U	5.9 U	5.9 U
1,4-Dichlorobenzene	8,500	1,800	13,000	130,000	1,800	58,000 U	12 U	5.9 U	5.9 U	5.9 U
2-Butanone	300	120	100,000	500,000	120	58,000 U	23 U	12 U	12 U	12 U
2-Hexanone	---	---	---	---	---	58,000 U	23 U	12 U	12 U	12 U
Acetone	200	50	100,000	500,000	50	140,000 U	15 JB*	19 JB*	44 B*	6.6 J*
Benzene	60	60	4,800	44,000	60	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Bromodichloromethane	---	---	---	---	---	58,000	12 U	5.9 U	5.9 U	5.9 U
Bromoform	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Bromomethane	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Carbon disulfide	2,700	---	---	---	---	58,000 U	12 U	5.9 U	4.2 J	5.9 U
Carbon tetrachloride	600	760	2,400	22,000	760	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Chlorobenzene	1,700	1,100	100,000	500,000	1,100	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Chloroethane	1,900	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Chloroform	300	370	49,000	350,000	370	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Chloromethane	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Cyclohexane	---		---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
cis-1,2-Dichloroethene	---	250	100,000	500,000	250	58,000 U	**380**	**470 D**	13	3.1 J
cis-1,3-Dichloropropene	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Dibromochloromethane	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Dichlorodifluoromethane	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Ethylbenzene	5,500	1,000	41,000	390,000	1,000	58,000 U	18	5.9 U	5.9 U	5.9 U
Isopropylbenzene	---	---	---	---	---	58,000 U	86	5.9 U	5.9 U	5.9 U
Xylenes-Total	1,200	260	100,000	500,000	1,600	58,000 U	200	9.5 J	5.9 U	5.9 U
Methyl acetate	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Methyly cylcohexane	---	---	---	---	---	58,000 U	49	5.9 U	5.9 U	5.9 U
Methylene chloride	100	50	100,000	500,000	50	15,000 J	4.1 JB	16 JB	1.8 JB	2.7 JB
Methyl isobutyl ketone	1,000	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Methyl-tert-butyl ether (MTBE)	---	930	100,000	500,000	930	5,800 U	12 U	5.9 U	5.9 U	5.9 U
Styrene	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Tetrachloroethene	1,400	1,300	19,000	150,000	1,300	**1,400,000**	**1,400,000 D**	540 D	48	120
Toluene	1,500	700	100,000	500,000	700	58,000 U	22 B	2.7 J	5.9 U	0.41 JB
trans-1,2-dichloroethene	300	190	100,000	500,000	190	58,000 U	1.5 J	3.4 J	5.9 U	5.9 U
trans-1,3-Dichloropropene	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Trichloroethene	700	470	21,000	200,000	470	**65,000**	**65,000 D**	190	5.0 J	7.6
Trichlorofluoromethane	---	---	---	---	---	58,000 U	12 U	5.9 U	5.9 U	5.9 U
Vinyl chloride	200	20	900	13,000	20	58,000 U	6.4 J	120	1.9 J	5.9 U
Total VOCs	10,000	---	---	---	---	1,523,000	1,465,787	1,377	123.8	146.3

Notes:
NYSDEC: New York State Department of Environmental Conservation
TAGM: Technical and Administrative Guidance Memorandum #4046
All units are micrograms per kilogram (ug/kg) - parts per billion (ppb)
Sample analysis by Test America Laboratories, Inc.
--- - No standard available
U - Analyzed for but not detected
J - Estimated Value
B - The analyte was found in an associated blank, as well as in the sample
* - Duplicate RPD, LCS, LCSD, MS, MSD, and/or surrogate exceeds control limits
D - Diluted Sample (qualifier added by Gannett Fleming)

TABLE 2
SOIL ANALYTICAL RESULTS
INTERIOR EXCAVATION ENDPOINT SAMPLING
VOLATILE ORGANIC COMPOUNDS

Nassau Uniform Service
525 Ray Street
Freeport, NY

Compound	NYSDEC TAGM Recommended Soil Cleanup Objectives (RSCOs)	NYSDEC Brownfields Unrestricted Use Soil Cleanup Objectives	NYSDEC Brownfields Restricted Use Soil Cleanup Objective-Resticted Residential	NYSDEC Brownfields Restricted Use Soil Cleanup Objective-Protection of Public Health-Commercial	NYSDEC Brownfields Restricted Use Soil Cleanup Objectives-Protection of Groundwater	EP-BA-3	EP-BA-4	EP-BA-5	EP-BA-6	EP-DUP (EP-BA-6)	EP-MR-3	EP-MR-4
Date						1/7/2010	1/7/2010	1/7/2010	1/7/2010	1/7/2010	1/7/2010	1/7/2010
VOCs (ug/kg) - EPA Method 8260												
1,1,1-Trichloroethane	800	680	100,000	500,000	680	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
1,1,2,2-Tetrachloroethane	600	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
1,1,2-Trichloroethane	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
1,1-Dichloroethane	200	270	26,000	240,000	270	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
1,1-Dichloroethene	400	330	100,000	500,000	330	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
1,2,4-Trichlorobenzene	3,400	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
1,2-Dibromo-3-chloropropane	---	---	---	---	---	12 U	13 U	13 U	52 U	62 U	12 U	11 U
1,2-Dibromoethane (EDB)	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
1,2-Dichlorobenzene	7,900	1,100	100,000	500,000	1,100	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
1,2-Dichloroethane	100	20	3,100	30,000	20	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
1,2-Dichloropropane	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
1,3-Dichlorobenzene	1,600	2,400	49,000	280,000	2,400	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
1,4-Dichlorobenzene	8,500	1,800	13,000	130,000	1,800	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
2-Butanone	300	120	100,000	500,000	120	12 U	13 U	13 U	52 U	62 U	12 U	11 U
2-Hexanone	---	---	---	---	---	12 U	13 U	13 U	52 U	62 U	12 U	11 U
Acetone	200	50	100,000	500,000	50	3.1 J *	25 U *	12 J *	100 U *	15 J *	23 U *	22 U *
Benzene	---	60	4,800	44,000	60	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Bromodichloromethane	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Bromoform	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Bromomethane	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Carbon disulfide	2,700	---	---	---	---	6 U	6.3 U	1.4 J	26 U	31 U	5.8 U	5.4 U
Carbon tetrachloride	600	760	2,400	22,000	760	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Chlorobenzene	1,700	1,100	100,000	500,000	1,100	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Chloroethane	1,900	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Chloroform	300	370	49,000	350,000	370	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Chloromethane	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Cyclohexane						6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
cis-1,2-Dichloroethene	300	250	100,000	500,000	250	0.93 J	12	21	42	47	5.8 U	5.4 U
cis-1,3-Dichloropropene	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Dibromochloromethane	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Dichlorodifluoromethane	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Ethylbenzene	5,500	1,000	41,000	390,000	1,000	6 U	6.3 U	1.3 J	26 U	31 U	5.8 U	5.4 U
Isopropylbenzene	2,300	---	---	---	---	6 U	6.3 U	1.3 J	26 U	31 U	5.8 U	5.4 U
Methyl Acetate	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Methylene chloride	100	50	100,000	500,000	50	22 JB	25 B	15 J B	29 J B	31 J B	21 J B	16 J B
Methylcyclohexane	---	---	---	---	---	6 U	6.3 U	1.2 J	26 U	31 U	5.8 U	5.4 U
Methyl isobutyl ketone	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Methyl-tert-butyl ether (MTBE)	---	930	100,000	500,000	930	6 U	6.3 U	6.5 U	4.9 J	1.3 J	5.8 U	5.4 U
Styrene	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Tetrachloroethene	1,400	1,300	19,000	150,000	5,900	5.4 J	7.3	17	880	1100	90	6.6
Toluene	1,500	700	100,000	500,000	1,300	6 U	6.3 U	0.46 J	0.87 J	1.5 J	5.8 U	5.4 U
trans-1,2-dichloroethene	300	190	100,000	500,000	190	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
trans-1,3-Dichloropropene	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Trichloroethene	700	470	21,000	200,000	470	6 U	4.7 J	4.5 J	29	40	1.7 J	5.4 U
Trichlorofluoromethane	---	---	---	---	---	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Vinyl chloride	200	20	900	13,000	20	6 U	6.3 U	6.5 U	26 U	31 U	5.8 U	5.4 U
Xylenes Total	0	260	100,000	500,000		6 U	6.3 U	10	26 U	31 U	5.8 U	5.4 U
TOTAL VOCS	10,000	---	---	---	---	31.43	49	85.16	985.77	1235.8	112.7	22.6

NOTES:
NYSDEC: New York State Department of Environmental Conservation
TAGM: Technical and Administrative Guidance Memorandum #4046
All units are micrograms per kilogram (ug/kg) - parts per million (ppb)
Concentrations reported on a dry-weight basis
Samples analysis by Test America, Inc.
... - No standard available
* LCS or LCSD exceeds the control limits
B The analyte was found in an associated blank, as well as in the sample
J Indicates an estimated value
U Not detected

APPENDIX A

Photo Log

Initial Spill Response (October 2007)

Recovery Effort in the adjacent creek (October 2007)

Sediment removal from storm drain on Ray Street (October 2007)

First Floor Boiler (December 2008)

Third Floor Boiler Room and Day Tank Pre-Demolition (June 2009)

Machine Room Pre-Demolition (June 2009)

Initial breakup of concrete floor adjacent to old bulkheading (June 2009)

Replaced bulkhead and backfilled ground surface (June 2009)

Floor Drain in Machine Room Pre-Demolition (June 2009)

Location of the two former 2,000 gallon petroleum storage tanks (June 2009)

Removing the Top Layer of Concrete in the Machine Room (July 2009)

Broken concrete in the machine room to chase pipes connected to oil-water separator (July 2009)

Removal of a former pipe from the machine room floor connected to the oil-water separator (July 2009)

Below Grade Piping Discovered while Demolishing Machine Room floor (July 2009)

Machine Room during Demolition (August 2009)

Piping Discovered in Sub-Floor of Machine Room (August 2009)

First Floor Compressor (Boiler) Room Prior to Demolition (August 2009)

Excavation of Compressor Room Soils (August 2009)

Shoring installed around Load Bearing Walls in Machine Room (September 2009)

Compressor Room and Canal Room Excavation (September 2009)

Soils located beneath two the compressor room and boiler room floor (September 2009)

Shoring along the Compressor Room Wall during Excavation (October 2009)

One 2,000 gallon tank following removal and cleanout (October 2009)

Former Compressor Room and Canal Room Excavation (January 2010)

Oil-water separator prior to removal (February 2010)

Destruction of the oil-water separator (February 2010)

Excavation wall (west side) around the former oil-water separator (February 2010)

Backfilling oil-water separator excavation (February 2010)

Boiler Room following removal of boilers and day tank (July 2010)

Location of former Boiler (July 2010)

APPENDIX B

Disposal Documentation

Date	Truck #	License Plate	Truck Company	Matrix Type	Stockpile	Facility	Weight/tons
1/25/10	21	AL 487L	J&D Trucking of Vineland, NJ	Soil	Southwest Pile	Michigan Disposal Waste Treatment Pl	20.69
1/25/10	3	AM 469H	J&D Trucking of Vineland, NJ	Soil	Southwest Pile	Michigan Disposal Waste Treatment Pl	20.98
1/25/10	9	AM 740D	J&D Trucking of Vineland, NJ	Soil	Southwest Pile	Michigan Disposal Waste Treatment Pl	23.94
1/25/10	20	AL 752D	J&D Trucking of Vineland, NJ	Soil	Southwest Pile	Michigan Disposal Waste Treatment Pl	23.94
1/25/10	17	AL 753D	J&D Trucking of Vineland, NJ	Soil	Southwest/Northwest Pile	Michigan Disposal Waste Treatment Pl	25.065
1/26/10	21	AL 487L	J&D Trucking of Vineland, NJ	Soil	Northwest Pile	Michigan Disposal Waste Treatment Pl	25.065
1/26/10	3	AM 469H	J&D Trucking of Vineland, NJ	Soil	Northwest Pile	Michigan Disposal Waste Treatment Pl	22.405
1/26/10	9	AM 740D	J&D Trucking of Vineland, NJ	Soil	Northwest Pile	Michigan Disposal Waste Treatment Pl	6.285
1/26/10	20	AL 752D	J&D Trucking of Vineland, NJ	Soil	Northwest Pile	Michigan Disposal Waste Treatment Pl	6.285
1/26/10	17	AL 753D	J&D Trucking of Vineland, NJ	Soil	Northwest Pile	Michigan Disposal Waste Treatment Pl	22.405
2/4/10	21	AL 487L	J&D Trucking of Vineland, NJ	Soil	Machine Room & South East Pile	Michigan Disposal Waste Treatment Pl	21.38
2/4/10	9	AM 740D	J&D Trucking of Vineland, NJ	Soil	Machine Room & South East Pile	Michigan Disposal Waste Treatment Pl	17.52
2/4/10	20	AL 752D	J&D Trucking of Vineland, NJ	Soil	Machine Room & South East Pile	Michigan Disposal Waste Treatment Pl	16.8
2/4/10	16	AL 751D	J&D Trucking of Vineland, NJ	Soil	Machine Room & South East Pile	Michigan Disposal Waste Treatment Pl	17.53
2/4/10	3	AM 469H	J&D Trucking of Vineland, NJ	Soil	Machine Room & South East Pile	Michigan Disposal Waste Treatment Pl	20.57
2/4/10	21	AL 487L	J&D Trucking of Vineland, NJ	Soil	Machine Room & South East Pile	Michigan Disposal Waste Treatment Pl	21.26
2/4/10	9	AM 740D	J&D Trucking of Vineland, NJ	Soil	Machine Room & South East Pile	Michigan Disposal Waste Treatment Pl	23.42
2/4/10	20	AL 752D	J&D Trucking of Vineland, NJ	Soil	North East Pile	Michigan Disposal Waste Treatment Pl	23.89
2/4/10	16	AL 751D	J&D Trucking of Vineland, NJ	Soil	North East Pile	Michigan Disposal Waste Treatment Pl	23.41
2/4/10	3	AM 469H	J&D Trucking of Vineland, NJ	Soil	North East Pile	Michigan Disposal Waste Treatment Pl	23.43
2/5/10	9	AM 740D	J&D Trucking of Vineland, NJ	Soil	Bay Area Room Pile/Oil Water Sep.	Michigan Disposal Waste Treatment Pl	23.75
2/5/10	20	AL 752D	J&D Trucking of Vineland, NJ	Soil	Bay Area Room Pile/Oil Water Sep.	Michigan Disposal Waste Treatment Pl	16.475
2/5/10	16	AL 751D	J&D Trucking of Vineland, NJ	Soil	Bay Area Room Pile/Oil Water Sep.	Michigan Disposal Waste Treatment Pl	16.475
2/5/10	3	AM 469H	J&D Trucking of Vineland, NJ	Soil	Bay Area Room Pile/Oil Water Sep.	Michigan Disposal Waste Treatment Pl	16.475
2/5/10	17	AL 753D	J&D Trucking of Vineland, NJ	Soil	Bay Area Room Pile/Oil Water Sep.	Michigan Disposal Waste Treatment Pl	16.475
2/8/10	---	57 776	US Bulk Transport, Inc., PA	Soil	Bay Area Room Pile/Oil Water Sep.	Wayne Dispsoal, Inc.	23.82
3/4/10	---		US Bulk Transport, Inc., PA	Soil	Bay Area Room Pile/Oil Water Sep.	Wayne Dispsoal, Inc.	22.89

APPENDIX C

Community Air Monitoring Data

TABLE 1
COMMUNITY AIR MONITORING PROGRAM
DUST MONITOR OBSERVATIONS

NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK

Date	Model No.	Location	Start Time	Stop Time	Elapsed Time	Max Display Conc	Max STEL Conc	Overall Average Conc	Comments
7/23/2009	4913	Corner of Building	9:17:24	15:37:24	6:21:00	22.628	6.282	2.019	High dust levels, work in 10 minute intervals
7/23/2009	6885	Work Room	0:05:02	6:33:02	6:28:00	66.666	21.318	5.989	High dust levels, work in 10 minute intervals
7/23/2009	6684	Middle of Building	0:09:40	6:32:40	6:23:00	7.028	2.216	0.845	High dust levels, work in 10 minute intervals
7/24/2009	4913	South side of Canal	7:11:38	15:05:38	7:54:00	22.173	6.384	1.48	High dust levels, work in 10 minute intervals
7/24/2009	6885	Machine Room	7:13:04	15:05:04	7:52:00	70.747	11.085	3.023	High dust levels, work in 10 minute intervals
7/24/2009	6684	North side of Canal	7:11:54	15:05:54	7:54:00	18.975	6.171	1.418	High dust levels, work in 10 minute intervals
7/27/2009-1	4913	Garage	7:08:52	11:17:52	4:09:00	1.111	0.085	0.017	Reading High
7/27/2009-2	4913	Front Garage Door	11:21:23	15:19:23	3:58:00	6.091	1.316	0.546	Reading High
7/27/2009	6885	Machine Room	7:04:40	12:13:40	5:09:00	3.792	2.572	0.48	
7/27/2009	6684	North side of Canal	7:06:16	13:37:16	6:31:00	0.378	0.027	0.010	
7/28/2009	4913	Garage	7:28:06	15:18:06	7:50:00	5.016	0.076	0.001	
7/28/2009	6885	Machine Room	7:09:59	15:12:59	8:03:00	10.036	5.396	1.377	
7/28/2009	6684	Canal	7:13:14	15:17:14	8:04:00	0.553	0.051	0.016	
7/29/2009	4913	Corner of Building	7:06:06	15:16:06	8:10:00	6.654	1.662	0.127	
7/29/2009	6885	Work Room	7:07:51	15:15:51	8:08:00	3.95	2.427	0.695	
7/29/2009	6684	Middle of Building	7:06:00	15:16:00	08:10:00	19.216	1.065	0.103	
7/30/2009	4913	Garage bay along West End Ave	7:08:43	14:44:43	7:36:00	20.747	4.782	0.811	High dust levels, work in 10 minute intervals
7/30/2009	6885	Machine Room	7:13:17	14:45:17	7:32:00	58.207	11.237	2.34	High dust levels, work in 10 minute intervals
7/30/2009	6684	Garage	7:09:20	14:45:20	7:36:00	12.487	2.989	0.494	High dust levels, work in 10 minute intervals
7/31/2009	4913	Machine Room	7:12:39	15:12:39	8:00:00	99.809	20.446	4.619	
7/31/2009	6633	Ray Street Bay Door	6:13:05	09:13:05	3:00:00	9.868	0.521	0.003	
7/31/2009	6684	Garage	7:11:19	15:10:19	7:59:00	1.789	0.082	0	
8/10/2009	6633	Bay Door Along West End Ave	7:20:37	15:04:37	7:44:00	3.028	0.544	0.114	High dust levels, work in 30 minute intervals
8/10/2009	6684	Machine Room	7:29:20	15:05:20	7:36:00	172.608	58.031	4.123	High dust levels, work in 30 minute intervals
8/11/2009	4913	South Side of Canal	07:17:25	15:21:25	08:04:00	14.623	1.727	0.298	High dust and VOC levels, work in 30 minute intervals
8/11/2009	6633	Bay Door Along West End Ave	7:11:58	15:22:58	8:11:00	7.413	0.68	0.076	High dust and VOC levels, work in 30 minute intervals
8/11/2009	6684	Machine Room	7:33:42	15:23:42	7:50:00	14.472	4.159	1.491	High dust and VOC levels, work in 30 minute intervals
8/13/2009	4913	South Side of Canal	8:07:24	15:16:24	7:09:00	20.762	3.852	0.884	High dust levels, work in 10 minute intervals
8/13/2009	6633	Bay Door Along West End Ave	8:06:17	15:16:17	7:10:00	8.57	2.466	0.183	High dust levels, work in 10 minute intervals
8/13/2009	6684	Machine Room	8:06:57	15:16:57	7:10:00	15.23	6.905	1.397	High dust levels, work in 10 minute intervals
8/14/2009	4913	South Side of Canal	7:30:26	15:11:26	7:41:00	25.9	0.792	0.040	High dust levels, work in 30 minute intervals
8/14/2009	6633	Bay Door Along West End Ave	7:30:25	15:11:25	7:41:00	5.855	0.163	0.044	High dust levels, work in 30 minute intervals
8/14/2009	6684	Machine Room	7:30:58	15:11:58	7:41:00	24.651	2.928	0.763	High dust levels, work in 30 minute intervals
8/17/2009	4913	South Side of Canal	7:09:02	19:59:02	12:50:00	9.36	1	0.058	
8/17/2009	6633	Bay Door Along West End Ave	7:07:49	19:58:49	12:51:00	1.105	0.224	0.026	
8/17/2009	6684	Machine Room	7:13:56	19:58:56	12:45:00	0.995	0.388	0.176	

TABLE 1
COMMUNITY AIR MONITORING PROGRAM
DUST MONITOR OBSERVATIONS

NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK

Date	Model No.	Location	Start Time	Stop Time	Elapsed Time	Max Display Conc	Max STEL Conc	Overall Average Conc	Comments
8/18/2009	4913	South Side of Canal	7:24:06	15:03:06	7:39:00	4.338	0.272	0.013	
8/18/2009	6633	Bay Door Along West End Ave	7:23:01	15:03:01	7:40:00	1.628	0.161	0.022	
8/18/2009	6684	Machine Room	7:27:46	15:02:46	7:35:00	2.82	1.182	0.125	
8/19/2009	6633	Bay Door Along West End Ave	7:12:22	14:16:22	7:04:00	3.213	1.885	0.747	
8/19/2009	6684	South Side of Canal	7:10:30	14:17:30	7:07:00	0.976	0.084	0.012	
8/20/2009	6633	South Side of Canal	7:06:22	15:21:22	8:15:00	1.41	0.285	0.009	
8/20/2009	6684	Steel Door Along West End Ave	7:09:24	15:25:24	8:16:00	1.057	0.393	0.099	
8/20/2009	6878	Machine Room	7:07:05	15:22:05	8:15:00	2.116	0.331	0	
8/21/2009	6633	South Side of Canal	7:08:54	15:12:54	8:04:00	2.728	0	0.000	
8/21/2009	6684	Bay Door Along West End Ave	7:11:18	15:13:18	8:02:00	0.389	0.27	0.140	
8/21/2009	6878	Machine Room	7:10:48	15:13:48	8:03:00	1.386	0.306	0.08	
8/24/2009	6633	Bay Door Along West End Ave	7:11:24	15:19:24	8:08:00	0.516	0.103	0.064	High dust levels, work in 30 minute intervals
8/24/2009	6684	Machine Room	7:11:54	15:05:54	7:54:00	18.975	6.171	1.418	High dust levels, work in 30 minute intervals
8/24/2009	6878	South Side of Canal	7:22:34	15:19:34	7:57:00	2.234	0.166	0.018	High dust levels, work in 30 minute intervals
8/25/2009	6633	Bay Door Along West End Ave	7:17:30	15:11:30	7:54:00	0.576	0.144	0.025	
8/25/2009	6684	Machine Room	7:18:22	15:12:22	7:54:00	310.821	5.972	0.499	
8/25/2009	6878	South Side of Canal	7:19:23	15:12:23	7:53:00	2.615	0.666	0.047	
8/26/2009	6633	Bay Door Along West End Ave	7:29:16	14:46:16	7:17:00	7.358	0.909	0.084	
8/26/2009	6684	Machine Room	7:31:15	14:47:15	7:16:00	3.405	0.624	0.142	
8/26/2009	6878	South Side of Canal	7:32:12	14:47:12	7:15:00	0.413	0.017	0	
8/27/2009	6633	Bay Door Along West End Ave	7:24:37	15:27:37	8:03:00	1.997	0.02	0.003	High dust and VOC levels, work in 30 minute intervals
8/27/2009	6684	Machine Room	7:06:16	13:37:16	6:31:00	0.378	0.027	0.010	High dust and VOC levels, work in 30 minute intervals
8/27/2009	6878	South Side of Canal	7:25:41	15:28:23	8:03:00	4.619	0.385	0.067	High dust and VOC levels, work in 30 minute intervals
8/28/2009	6633	Bay Door Along West End Ave	7:50:15	14:56:15	7:06:00	1.965	0	0.000	High VOC levels, work in 30 minute intervals
8/28/2009	6684	Machine Room	7:50:54	14:55:54	7:05:00	12.994	6.108	0.345	High VOC levels, work in 30 minute intervals
8/28/2009	6878	South Side of Canal	7:51:08	14:51:20	4:07:00	2.233	0.511	0.036	High VOC levels, work in 30 minute intervals
9/1/2009	6633	South Side of Canal	7:26:08	15:25:08	7:59:00	16.503	3.545	0.353	
9/1/2009	6684	Bay Door Along West End Ave	7:25:15	15:30:15	8:05:00	16.158	0.605	0.122	
9/1/2009	6885	Bay Door Along Ray Street	7:28:50	15:22:50	7:54:00	1.069	0.103	0.015	
9/2/2009	6633	Steel Door Along West End Ave	7:49:49	15:20:49	7:31:00	8.565	0.801	0.220	
9/2/2009	6684	South Side of Canal	7:50:14	15:19:14	7:29:00	2.115	0.489	0.026	
9/2/2009	6885	Bay Door Along Ray Street	7:48:54	15:18:54	7:30:00	3.645	0.191	0.035	
9/3/2009-1	6633	Steel Door Along West End Ave	8:04:02	8:42:02	0:38:00	1.297	0.067	0.045	
9/3/2009-2	6633	Steel Door Along West End Ave	9:11:37	14:57:37	5:46:00	2.817	0.208	0.075	
9/3/2009	6684	South Side of Canal	9:15:36	15:01:36	5:46:00	10.785	1.333	0.421	
9/3/2009	6885	Bay Door Along Ray Street	9:13:26	14:59:26	5:46:00	1.052	0.199	0.056	

TABLE 1
COMMUNITY AIR MONITORING PROGRAM
DUST MONITOR OBSERVATIONS

NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK

Date	Model No.	Location	Start Time	Stop Time	Elapsed Time	Max Display Conc	Max STEL Conc	Overall Average Conc	Comments
9/4/2009	6633	Steel Door Along West End Ave							Monitor not recording
9/4/2009	6684	Bay Door Along Ray Street							Monitor not recording
9/4/2009	6885	South Side of Canal							Monitor not recording
9/8/2009	6633	Bay Door Along West End Ave	7:22:23	15:24:23	8:02:00	1.478	0.328	0.015	
9/8/2009	6684	Bay Door Along Ray Street	7:24:11	15:24:11	8:00:00	24.434	5.657	0.392	
9/8/2009	6885	South Side of Canal	7:21:19	15:22:19	8:01:00	115.428	5.079	0.619	
9/9/2009	6633	Bay Door Along West End Ave	7:44:10	14:05:10	6:21:00	0.859	0.066	0.008	High dust levels, work in 10 minute intervals
9/9/2009	6684	Bay Door Along Ray Street	7:45:21	14:04:21	6:19:00	11.964	0.323	0.058	High dust levels, work in 10 minute intervals
9/9/2009	6885	South Side of Canal	7:43:46	13:56:46	06:13:00	26.629	5.248	0.403	High dust levels, work in 10 minute intervals
9/11/2009	6633	Bay Door Along West End Ave	7:37:27	14:33:27	6:56:00	7.763	0.198	0.031	
9/11/2009	6684	Bay Door Along Ray Street	7:38:47	14:31:47	6:53:00	7.265	0.180	0.000	
9/11/2009	6885	South Side of Canal	7:37:36	14:32:36	6:55:00	5.223	0.276	0.094	
9/14/2009	6633	Bay Door Along Ray Street	7:27:59	8:58:59	1:31:00	0.983	0.061	0.016	High Background Readings - only ran for 1 hour
9/14/2009	6684	Bay Door Along West End Ave	7:33:52	13:54:52	6:21:00	1.025	0.302	0.229	
9/14/2009	6885	South Side of Canal	7:28:33	13:55:33	6:27:00	0.688	0.095	0	
9/23/2009	4919	Bay Door Along West End Ave	10:45:01	15:41:41	4:56:40	0.978	0.053	0.001	
9/23/2009	6147	Machine Room	10:50:25	15:35:25	4:45:00	1.251	0.457	0.038	
9/23/2009	6878	South Side of Canal	10:48:12	15:42:12	4:54:00	0.522	0.039	0.01	
9/28/2009	4919	South Side of Canal	07:39:59	9:32:49	1:52:50	0.381	0.003	0	
9/28/2009	6878	Bay Door Along West End Ave	7:40:54		1:52:00	1.431	0.187	0.084	
10/13/2009	6879	South Side of Canal	7:49:37	14:49:37	7:00:00	0.71	0.135	0.013	Begin working in 30-45 intervals starting at 9:00 due to high VOCs
10/13/2009	6886	Front Bay Door	6:53:13	14:01:13	7:08:00	1.44	0.127	0.056	Begin working in 30-45 intervals starting at 9:00 due to high VOCs
10/14/2009	6684	Front Bay Door	11:31:55	13:29:55	1:58:00	3.175	1.018	0.468	Stopped work at 11:15 due to high dust levels.
10/14/2009	6879	South Side of Canal	9:40:55	11:25:55	1:45:00	2.143	0.221	0.079	Stopped work at 11:15 due to high dust levels.
10/15/2009	6879	South Side of Canal	7:17:50	14:47:50	7:30:00	8.173	0.769	0.104	
10/15/2009	6886	Front Bay Door	6:22:24	13:56:24	7:35:00	0.771	0.018	0.002	
10/16/2009	6879	South Side of Canal	7:29:35	13:59:35	6:30:00	1.431	0.404	0.093	
10/16/2009	6886	Front Bay Door	6:34:24	14:09:24	7:36:00	1.519	0.007	0.003	
10/19/2009	4919	South Side of Canal							PDR Monitored manually; data not available for download
10/19/2009	6144	Front Bay Door	9:37:31	14:46:31	5:09:00	1.555	0.271	0.059	Beginning at 12:45, working in 30-minute intervals.
10/20/2019	6886	Front Bay Door	11:33:01	14:12:01	2:39:00	2.007	0.257	0.116	
10/20/2009	6879	South Side of Canal	12:32:13	15:09:23	2:37:10	0.760	0.128	0.035	
10/21/2009	6886	South Side of Canal	7:27:30	13:48:30	6:21:00	0.273	0.024	0.003	Stopped work for 15 minutes @ 10:15 for high VOCs.
10/21/2009	6144	Front Bay Door	8:20:33	14:44:33	6:24:00	2.246	0.604	0.077	Stopped work for 15 minutes @ 10:15 for high VOCs.
10/26/2009	6684	Front Bay Door	8:05:07	16:17:07	8:12:00	2.620	0.277	0.069	Stopped work at 8:45, 9:45, 12:15, and 14:35 due to high VOCS.
10/26/2009	6886	South Side of Canal	7:11:49	14:02:49	6:51:00	1.382	0.104	0.033	Stopped work at 8:45, 9:45, 12:15, and 14:35 due to high VOCS.

TABLE 1
COMMUNITY AIR MONITORING PROGRAM
DUST MONITOR OBSERVATIONS

NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK

Date	Model No.	Location	Start Time	Stop Time	Elapsed Time	Max Display Conc	Max STEL Conc	Overall Average Conc	Comments
10/27/2009	6886	South Side of Canal	7:18:41	13:59:41	6:41:00	4.463	0.433	0.041	Stopped work at 11:30, 13:30, 14:00 and 14:50 due to high VOCs.
10/27/2009	6144	Front Bay Door	8:16:22	14:53:22	6:37:00	1.948	0.345	0.001	Stopped work at 11:30, 13:30, 14:00 and 14:50 due to high VOCs.
10/28/2009	6684	Front Bay Door	8:32:58	15:04:58	6:32:00	0.892	0.221	0.013	Stopped work at 9:35, 11:00, 111:35, 13:00 and 13:36 due to high VOCs.
10/28/2009	6886	South Side of Canal	6:42:30	14:05:30	7:23:00	6.239	0.577	0.02	Stopped work at 9:35, 11:00, 111:35, 13:00 and 13:36 due to high VOCs.
10/29/2009	6886	Canal Street	6:45:16	14:00:16	7:15:00	18.67	4.375	0.31	Work in 15-minute intervals during periods of high dust observations
10/29/2009	6684	Front Bay Door	7:41:49	14:53:49	7:12:00	13.96	3.953	0.157	Work in 15-minute intervals during periods of high dust observations
10/30/2009	6886	South Side of Canal	7:00:47	14:03:47	7:03:00	11.105	1.455	0.106	Stopped at 8:45 and 10:45 for dust control.
10/30/2009	6684	Front Bay Door	7:57:15	14:55:15	6:58:00	9.641	1.423	0.129	Stopped at 8:45 and 10:45 for dust control.
11/2/2009	6886	South Side of Canal	8:07:40	14:43:40	6:36:00	0.653	0.133	0.012	Stopped work for several periods due to high VOC readings.
11/2/2009	6684	Front of Bay Door	9:03:29	15:43:29	6:40:00	0.028	0.010	0.0001	Stopped work for several periods due to high VOC readings.
11/3/2009	6886	South Side of Canal	7:32:36	14:31:36	6:59:00	2.093	0.053	0.007	Excessive dust- break at 9:15 for 15 minutes.
11/3/2009	6684	Front of Bay Door	8:28:54	15:26:54	6:58:00	16.254	2.209	0.211	Excessive dust- break at 9:15 for 15 minutes.
11/4/2009	6886	South Side of Canal	7:51:26	14:41:26	6:50:00	0.472	0.055	0.004	
11/4/2009	6684	Front of Bay Door	8:47:31	15:39:31	6:52:00	1.643	0.190	0.024	
11/5/2009	6684	Front of Bay Door	8:51:24	15:36:24	6:45:00	0.900	0.308	0.041	
11/5/2009	6886	South Side of Canal	7:55:24	14:36:24	6:41:00	0.869	0.063	0.005	
11/6/2009	6886	South Side of Canal	7:42:38	14:12:38	6:30:00	0.406	0.029	0.005	
11/6/2009	6684	Front of Bay Door	8:38:45	15:08:45	6:30:00	4.535	0.107	0.001	
1/25/2010									No dust monitoring due to heavy rain suppressing dust
1/25/2010									
1/26/2010	6878								
1/26/2010	6879								
2/1/2010	6878	Ray Street	9:01:04	15:12:00	4:32:00	1.054	0.028	0.0025	Two runs on the dust monitor
2/1/2010	6879	Bay Door Room	8:56:24	15:08:17	4:42:00	0.595	0.178	0.0685	Two runs on the dust monitor
2/5/2010	6878	Ray Street	8:46:42	12:30:42	3:44:00	0.674	0.049	0.010	
2/5/2010	6879	Bay Door Room	8:42:57	12:25:57	3:43:00	1.154	0.453	0.121	
2/8/2010	6878	West End Avenue	8:58:43	16:58:43	8:00:00	2.155	0.051	0.013	
2/8/2010	6879	Ray Street	8:55:28	16:54:28	7:59:00	0.167	0.033	0.001	
2/9/2010	6878	Ray Street	9:05:22	17:47:22	8:42:00	1.536	0.290	0.016	
2/9/2010	6879	West End Avenue	8:58:10	17:43:10	08:45:00	0.889	0.232	0.009	

TABLE 2
COMMUNITY AIR MONITORING PROGRAM
PHOTO-IONIZATION DETECTOR (PID) OBSERVATIONS

NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK

Date	Location	Average Reading	Peak Reading	Comments/Actions Taken
7/23/2009	Corner of Building	0.00	0.0	
7/23/2009	Work Room	0.00	0.0	
7/23/2009	Middle of Building	0.00	0.0	
7/24/2009	South side of Canal	0.00	0.0	
7/24/2009	Machine Room	0.70	1.2	
7/24/2009	North side of Canal	0.00	0.0	
7/27/2009-1	Garage	0.00	0.0	
7/27/2009-2	Front Garage Door	0.00	0.0	
7/27/2009	Machine Room	2.50	12.2	Shortened intrusive work periods
7/27/2009	North side of Canal	0.10	2.7	
7/28/2009	Garage	0.00	0.0	
7/28/2009	Machine Room	0.40	4.6	
7/28/2009	Canal	0.03	0.2	
7/29/2009	Corner of Building	0.01	0.1	
7/29/2009	Work Room	0.24	0.7	
7/29/2009	Middle of Building	0.01	0.1	
7/30/2009	South side of Canal	0.03	0.8	
7/30/2009	Machine Room	0.06	0.9	
7/30/2009	Garage	0.00	0.0	
7/31/2009	Machine Room	0.00	0.0	
7/31/2009	Ray Street Bay Door	0.00	0.0	
7/31/2009	Garage	0.00	0.0	
8/3/2009-1	South Side of Canal	0.82	7.3	Moved at 1140 due to wind shift
8/3/2009-2	Bay Door Along West End Ave	0.97	5.1	
8/3/2009	North Side of Canal	0.39	4.3	
8/3/2009	Machine Room	4.55	16.2	Shortened intrusive work periods
8/4/2009	Garage	0.05	0.2	
8/4/2009-1	South Side of Canal	4.90	10.1	Moved at 0830 due to wind shift
8/4/2009-2	Bay Door Along West End Ave	0.92	6.1	
8/4/2009	Machine Room	4.21	46.3	Shortened intrusive work periods
8/5/2009	Bay Door Along West End Ave	0.21	1.9	
8/5/2009	South Side of Canal	0.02	0.2	
8/5/2009	Machine Room	0.44	2.9	

TABLE 2
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NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK

Date	Location	Average Reading	Peak Reading	Comments/Actions Taken
8/6/2009	South Side of Canal	0.00	0.0	
8/6/2009	Bay Door Along West End Ave	0.08	0.5	
8/6/2009	Machine Room	0.22	0.7	
8/7/2009	South Side of Canal	0.20	0.6	
8/7/2009	Bay Door Along West End Ave	0.01	0.3	
8/7/2009	Machine Room	0.03	1.4	
8/10/2009	South Side of Canal	0.04	0.4	
8/10/2009	Bay Door Along West End Ave	0.06	0.4	
8/10/2009	Machine Room	0.05	0.6	
8/11/2009	South Side of Canal	0.17	0.9	
8/11/2009	Bay Door Along West End Ave	0.02	0.2	
8/11/2009	Machine Room	0.14	16.4	
8/13/2009	South Side of Canal	0.10	0.5	
8/13/2009	Bay Door Along West End Ave	0.01	0.1	
8/13/2009	Machine Room	0.04	0.8	
8/14/2009	South Side of Canal	0.14	5.5	
8/14/2009	Bay Door Along West End Ave	0.02	0.1	
8/14/2009	Machine Room	0.66	1.4	
8/17/2009	South Side of Canal	0.09	0.6	
8/17/2009	Bay Door Along West End Ave	0.02	0.1	
8/17/2009	Machine Room	0.07	0.6	
8/18/2009	South Side of Canal	0.08	0.3	
8/18/2009	Bay Door Along West End Ave	0.01	0.1	
8/18/2009	Machine Room	0.04	0.3	
8/19/2009	Bay Door Along West End Ave	0.00	0.0	PID Observations ceased at 1030 due to
8/19/2009	South Side of Canal	0.00	0.0	interference from mobile equipment
8/20/2009	South Side of Canal	0.00	0.0	PID Observations started at 1130 due to
8/20/2009	Steel Door Along West End Ave	0.00	0.0	interference from mobile equipment
8/20/2009	Machine Room	0.06	0.4	
8/21/2009	South Side of Canal	0.00	0.0	
8/21/2009	Bay Door Along West End Ave	0.02	0.1	
8/21/2009	Machine Room	0.25	2.1	

TABLE 2
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NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK

Date	Location	Average Reading	Peak Reading	Comments/Actions Taken
8/24/2009	Bay Door Along West End Ave	0.02	0.1	
8/24/2009	Machine Room	0.38	49.8	Monitor PID readings for peaks; stop work as needed
8/24/2009	South Side of Canal	0.13	4.3	
8/25/2009	Bay Door Along West End Ave	0.01	0.1	
8/25/2009	Machine Room	0.22	1.4	
8/25/2009	South Side of Canal	0.14	0.8	
8/26/2009	Bay Door Along West End Ave	0.02	0.1	
8/26/2009	Machine Room	0.10	3.1	
8/26/2009	South Side of Canal	0.04	0.4	
8/27/2009	Bay Door Along West End Ave	0.00	0.1	
8/27/2009	Machine Room	0.80	223.2	Monitor PID readings for peaks; stop work as needed
8/27/2009	South Side of Canal	0.28	1.4	
8/28/2009	Bay Door Along West End Ave	0.01	0.1	
8/28/2009	Machine Room	3.16	186.3	Monitor PID readings for peaks; stop work as needed
8/28/2009	South Side of Canal	0.61	3.4	
9/1/2009	South Side of Canal	0.27	3.8	
9/1/2009	Bay Door Along West End Ave	0.00	0.0	
9/1/2009	Bay Door Along Ray Street	0.00	0.1	
9/2/2009	Steel Door Along West End Ave	0.19	1.0	
9/2/2009	South Side of Canal	0.08	2.3	
9/2/2009	Bay Door Along Ray Street	0.00	1.3	
9/3/2009	Steel Door Along West End Ave	0.10	0.2	
9/3/2009	South Side of Canal	0.30	3.4	
9/3/2009	Bay Door Along Ray Street	0.06	0.4	
9/4/2009	Steel Door Along West End Ave	0.00	0.0	
9/4/2009	Bay Door Along Ray Street	0.02	0.5	
9/4/2009	South Side of Canal	0.20	2.4	
9/8/2009	Bay Door Along West End Ave	0.00	0.0	
9/8/2009	Bay Door Along Ray Street	0.10	19.9	
9/8/2009	South Side of Canal	0.24	7.1	
9/9/2009	Bay Door Along West End Ave	0.00	0.0	
9/9/2009	Bay Door Along Ray Street	0.01	0.6	
9/9/2009	South Side of Canal	0.26	2.7	

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NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK

Date	Location	Average Reading	Peak Reading	Comments/Actions Taken
9/11/2009	Bay Door Along West End Ave	0.10	0.9	
9/11/2009	Bay Door Along Ray Street	0.00	0.1	
9/11/2009	South Side of Canal	0.19	2.9	
9/23/2009	Bay Door Along West End Ave	0.00	0.0	
9/23/2009	Machine Room	0.06	0.3	
9/23/2009	South Side of Canal	0.00	0.1	
9/28/2009	South Side of Canal	0.00	0.0	
9/28/2009	Bay Door Along West End Ave	0.00	0.0	
10/13/2009	South Side of Canal	0.08	1.1	
10/13/2009	Front Bay Door	0.12	1.2	
10/14/2009	Front Bay Door	0.08	0.1	
10/14/2009	South Side of Canal	0.21	0.6	
10/15/2009	South Side of Canal	0.25	1.0	
10/15/2009	Front Bay Door	0.17	1.0	
10/16/2009	South Side of Canal	0.45	0.8	
10/16/2009	Front Bay Door	0.46	0.7	
10/19/2009	South Side of Canal	0.43	1.7	
10/19/2009	Front Bay Door	0.06	0.3	
10/20/2019	Front Bay Door	0.60	2.6	
10/20/2009	South Side of Canal	0.13	0.4	
10/21/2009	South Side of Canal	2.74	22.3	Monitor PID readings for peaks; stop work as needed
10/21/2009	Front Bay Door	2.55	5.6	
10/26/2009	Front Bay Door	2.43	30.7	Monitor PID readings for peaks; stop work as needed
10/26/2009	South Side of Canal	3.43	38.8	Monitor PID readings for peaks; stop work as needed
10/27/2009	South Side of Canal	2.91	30.4	Monitor PID readings for peaks; stop work as needed
10/27/2009	Front Bay Door	1.14	6.5	Monitor PID readings for peaks; stop work as needed
10/28/2009	Front Bay Door	1.02	2.6	
10/28/2009	South Side of Canal	3.10	30.9	Monitor PID readings for peaks; stop work as needed
10/29/2009	Canal Street	0.33	1.5	
10/29/2009	Front Bay Door	0.09	1.2	
10/30/2009	South Side of Canal	2.28	3.0	
10/30/2009	Front Bay Door	0.47	2.4	

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NASSAU UNIFORM SERVICES
525 RAY STREET
FREEPORT, NEW YORK

Date	Location	Average Reading	Peak Reading	Comments/Actions Taken
11/2/2009	South Side of Canal	4.92	54.0	Monitor PID readings for peaks; stop work as needed
11/2/2009	Front of Bay Door	0.00	0.0	
11/3/2009	South Side of Canal	1.80	3.2	
11/3/2009	Front of Bay Door	0.29	1.8	
11/4/2009	South Side of Canal	1.99	2.8	
11/4/2009	Front of Bay Door	0.16	0.6	
11/5/2009	Front of Bay Door	0.19	1.0	
11/5/2009	South Side of Canal	3.34	63.7	Monitor PID readings for peaks; stop work as needed
11/6/2009	South Side of Canal	1.70	3.5	
11/6/2009	Front of Bay Door	0.02	0.2	
1/26/2010	Bay Door Along West End Ave	0.00	0.0	
1/26/2010	Bay Door Along Ray Street	0.02	2.2	
2/1/2010	Bay Door Along West End Ave	0.00	0.0	
2/1/2010	Bay Door Along Ray Street	0.00	0.0	
2/5/2010	Bay Door Along West End Ave	0.00	0.0	
2/5/2010	Bay Door Along Ray Street	0.00	0.0	
2/8/2010	Fence East of Oil/Water Separator	0.00	0.0	
2/8/2010	Bay Door Along Ray Street	0.01	4.6	
2/9/2010	Fence East of Oil/Water Separator	0.42	3.2	
2/9/2010	Bay Door Along Ray Street	0.00	0.0	

APPENDIX D

Laboratory Analytical Data