

**UNDERGROUND STORAGE TANK CLOSURE
AND SPILL REMEDIATION REPORT**

**I.S. 98K
1401 EMMONS AVENUE
BROOKLYN, NEW YORK 11235**

**SCA LLW NO. 091086
SCA CONTRACT NO. C000012275
SCA JOB NO. K043-48726
NYSDEC PBS #2-356190
NYSDEC Spill #14-04552**

AKRF PROJECT NO. 86248

October 18, 2016



Prepared by:

AKRF Engineering, P.C.
440 Park Avenue South
New York, New York 10016
Phone: (646) 696-0670
Fax: (212) 726-0942
Attn: Marc S. Godick



Prepared for:

NYC SCA
30-30 Thomson Avenue
Long Island City, NY 11101-3045
Phone: (718) 472-8502
Fax: (718) 472-8500
Attn: Ms. Lee Guterman

TABLE OF CONTENTS

Section	Page
1.0 EXECUTIVE SUMMARY	1
2.0 INTRODUCTION.....	3
2.1 Site Background	3
2.1.1 Site Description	3
2.1.2 Topography.....	3
2.1.3 Geology	3
2.1.4 Hydrology.....	4
3.0 PREVIOUS INVESTIGATION.....	4
4.0 UST CLOSURE AND SPILL REMEDIATION ACTIVITIES	5
4.1 Site Preparation	5
4.2 UST Cleaning and Removal.....	5
4.3 Soil Excavation and Disposal.....	6
4.4 Debris Removal.....	6
4.5 Dewatering	6
4.6 LNAPL Removal.....	7
4.7 Post-Excavation Sampling	7
4.8 Excavation Backfill and Site Restoration.....	7
5.0 POST EXCAVATION SAMPLING RESULTS	7
5.1 Fill Port Endpoint Sample Results	7
5.2 Groundwater Sample Results	8
6.0 SUMMARY	8
7.0 CONCLUSIONS AND RECOMMENDATIONS.....	9
8.0 REFERENCES.....	10

LIST OF FIGURES

Figure 1	Site Location
Figure 2	Former UST Locations and Approximate Extent of Petroleum Impacts
Figure 3	Extent of Petroleum-Contaminated Soil Excavation

LIST OF TABLES

Table 1	Endpoint Sample Analytical Results – Volatile and Semivolatile Organic Compounds
Table 2	Groundwater Analytical Results – Volatile and Semivolatile Organic Compounds

APPENDICES

Appendix A	Photographs
Appendix B	UST Cleaning Waste Manifests and Metal Scrap Tickets
Appendix C	UST Closure Affidavit and PBS Registration
Appendix D	Soil Disposal Manifests
Appendix E	C&D Disposal Documentation

Underground Storage Tank Closure and Spill Remediation Report
I.S. 98K, 1401 Emmons Avenue
Brooklyn, New York

- Appendix F Dewatering Fluids and Sorbent Pad Disposal Manifests
- Appendix G Bluestone and Backfill Documentation
- Appendix H Laboratory Analytical Data Reports

Underground Storage Tank Closure and Spill Remediation Report
I.S. 98K, 1401 Emmons Avenue
Brooklyn, New York

1.0 EXECUTIVE SUMMARY

This Underground Storage Tank (UST) Closure and Spill Remediation Report has been prepared by AKRF Engineering P.C. (AKRF) on behalf of New York City School Construction Authority (NYCSCA) to document the removal of two underground storage tanks (USTs) and associated spill remediation activities at Intermediate School (I.S.) 98K, 1401 Emmons Avenue New York, New York (the Site). New York State Department of Environmental Conservation (NYSDEC) Spill #1404552 was assigned to the Site due to field observations of petroleum contamination during a UST Site Investigation (SI) in July 2014.

The tank closure and associated spill remediation activities described in this report were completed between July 14 and October 20, 2015 as part of a boiler replacement project for the school, and included the following:

- The two 10,000-gallon fuel oil underground storage tanks were properly cleaned and removed in accordance with the contract specifications and applicable regulations. The Petroleum Bulk Storage (PBS) registration for the Site has been updated, and the tanks are currently listed “closed-removed”.
- Approximately 4,145 tons of petroleum-contaminated soil were excavated from around the removed USTs and disposed of off-site. The soil excavation extended to approximately 5 feet below the water table and across the aerial extent of contamination delineated during the AKRF’s 2014 UST SI. In general, as the excavation progressed away from the tank locations, the excavated soil exhibit less evidence of contamination, with lower PID readings (less than 5 ppm) and no heavy staining or obvious odors noted.
- Approximately 127,000 gallons of petroleum-contaminated groundwater were pumped from the excavation and disposed of off-site during the spill remediation activities. In addition, recoverable Light Non-Aqueous Phase Liquid (LNAPL) was removed from the groundwater surface prior to backfilling, such that only a slight sheen was noted on the water surface in a small area within the southeastern portion of the excavation.
- An endpoint soil sample was collected from under the former UST fill lines and analyzed for the NYSDEC CP-51 Table 3 list of volatile organic compounds (VOC) and semivolatile organic compounds (SVOCs). Results indicated that only one compound [indeno(1,2,3-cd)anthracene] was detected above its CP-51 Soil Cleanup Level (SCL). The detected concentration only slightly exceeded the SCL, and is consistent with the presence of urban fill and not of petroleum contamination related to the fill lines.
- A groundwater sample was collected from the excavation prior to backfilling and analyzed for CP-51 Table 3 VOCs and SVOCs. Results indicated four VOCs (1,2,4-trimethylbenzene, benzene, naphthalene, and p/m-xylene) and six SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene] were detected above their respective NYSDEC Class GA Ambient Standards.

AKRF concludes that the substantial petroleum contamination source removal has been completed at the Site, including the following:

- Cleaning, excavation and removal of two 10,000-gallon fuel oil USTs:
- Removal and off-site disposal of over 4,000 tons of petroleum-contaminated soil from over a 6,000-square foot area; and,
- Removal and off-site disposal of recoverable LNAPL from groundwater in the excavation prior to backfilling.

Underground Storage Tank Closure and Spill Remediation Report
I.S. 98K, 1401 Emmons Avenue
Brooklyn, New York

Based on the extent of the remedial activities completed and the fact that all VOC and SVOC concentrations detected in soil samples collected during the July 2014 UST SI were below their respective CP-51 SCLs, with only low-level dissolved contaminants remaining in groundwater, we recommend that the NYCSCA requests closure of Spill #1404552 by NYSDEC.

2.0 INTRODUCTION

This Underground Storage Tank (UST) Closure and Spill Remediation Report has been prepared by AKRF Engineering P.C. (AKRF) on behalf of New York City School Construction Authority (NYCSCA) to document the removal of two underground storage tanks (USTs) and associated spill remediation activities at Intermediate School (I.S.) 98K, 1401 Emmons Avenue New York, New York (the Site). New York State Department of Environmental Conservation (NYSDEC) Spill #1404552 was assigned to the Site due to field observations of petroleum contamination during a UST Site Investigation (SI) in July 2014. The tank closure and associated spill remediation activities described in this report were completed between July 14 and October 20, 2015 as part of a boiler replacement project for the school. This report includes background information on the Site, a review of previous investigations, a description of the remedial activities and results, and conclusions and recommendations.

2.1 Site Background

2.1.1 Site Description

The I.S. 98K Site is located at 1401 Emmons Avenue in Brooklyn, New York. The Site is a rectangular-shaped property bounded by Shore Parkway to the north, Emmons Avenue to the south, East 15th Street to the east and East 14th Street to the west. Surrounding properties are occupied by residential and commercial structures. The Site is improved with a four-story school building with a basement used as New York City I.S. 98K, known as Bay Academy. The school building fronts Emmons Avenue, and an asphalt-paved parking lot and play yard areas are located north of the school building.

The facility contained two 10,000-gallon No. 4 fuel oil USTs, registered with the NYSDEC under Petroleum Bulk Storage (PBS) No. 2-356190. The USTs were located under the school parking lot, immediately north of the school's boiler room, separated from the boiler room by a concrete foundation wall. A Site Location map is provided as Figure 1, and a Site Plan showing the UST locations is provided as Figure 2.

2.1.2 Topography

According to the United States Geological Survey (USGS) 7.5-Minute Quadrangle Map, Coney Island, New York-New Jersey, dated 2010, the elevation of the Site is approximately 10 feet above the North American Datum of 1983 (an approximation of mean sea level). The topography of the immediate Site area was observed to be generally level.

2.1.3 Geology

The shallow soil underlying the Site consists of urban land due to New York City's long history of urban development. Urban land contains soil that has been altered by human activities, thus making its geological origin unidentifiable. Urban land typically consists of loose granular soil, containing brick, construction and demolition debris, wood, and/or ash, and often contains detectable levels of metals and polycyclic aromatic hydrocarbons. During previous investigations, a layer of fill material was encountered beneath the Site, consisting of silt and sand with gravel, clay, and brick fragments, from the ground surface to depths of approximately 8 to 12 feet. Apparent native material consisting of sand and gravel was encountered beneath the fill layer, and organic silt and clay (potentially former marsh material) was encountered between the fill and native soil at some locations. According to the U.S. Geological Survey, Reconnaissance of the Ground-Water Resources of Kings and Queens Counties, New York, (USGS, 1981), the depth to bedrock is approximately 700 feet below grade in the vicinity of the Site.

Underground Storage Tank Closure and Spill Remediation Report
I.S. 98K, 1401 Emmons Avenue
Brooklyn, New York

2.1.4 Hydrology

Groundwater beneath the Site was encountered at approximately 8 to 10 feet below ground surface (bgs) during the 2014 UST SI (summarized in Section 3.0). During spill remediation activities described in this report, the groundwater level in the excavation was observed to be tidally influenced, fluctuating from approximately 8.5 to 12 feet bgs. Groundwater flow is expected to be to the south/southeast, towards Sheepshead Bay (located across Emmons Avenue from the Site). Groundwater levels and/or flow direction(s) may vary due to seasonal fluctuations in precipitation, geology, underground structures, or dewatering operations.

3.0 PREVIOUS INVESTIGATION

AKRF previously completed a UST (SI) on behalf of the NYCSCA in October 2014 (with field activities conducted in July 2014) to determine whether the fuel oil tank system had affected the subsurface conditions at the Site. The UST SI included: a geophysical survey to locate the USTs and associated fill lines; advancement of eleven (11) soil borings surrounding the tanks and one (1) soil boring along the remote fill lines; and laboratory analysis of one to two soil samples from seven of the soil borings for laboratory analysis of the NYSDEC CP-51 Table 3 list of volatile and semivolatile organic compounds (VOCs and SVOCs). The results of the investigation indicated the following:

- Groundwater was encountered at approximately 8 to 10 feet bgs in soil borings advanced during the UST SI field activities.
- A layer of fill material, consisting of silt and sand with gravel, clay, and brick fragments, was encountered from the ground surface to depths of approximately 8 to 12 feet bgs. Apparent native material consisting of sand and gravel was encountered beneath the fill layer in two soil borings, and organic silt and clay (potentially former marsh material) was encountered beneath the fill material in three of the borings.
- Light Non-Aqueous Phase Liquid (LNAPL) and/or other evidence of petroleum contamination [staining, odors and elevated photoionization detector (PID) readings greater than 10 parts per million (ppm)] were observed in eight of the soil borings (SB-1, SB-2, SB-2A, SB-3, SB-3A, SB-3B, SB-3C, and SB-4.) In general, the evidence of contamination was noted in soil at or just above the observed water table.
- No or minimal field evidence of contamination was observed in soil borings SB-1A, SB-2B, SB-3D, and SB-5, which were advanced to delineate the petroleum impacts observed in other borings closer to the USTs.
- All VOC and SVOC concentrations detected in soil samples from the delineation borings (SB-1A, SB-2B, SB-3D, or SB-5) were below their respective Soil Cleanup Levels (SCLs) listed in NYSDEC CP-51. VOC and SVOC concentrations detected in samples from other borings advanced closer to the USTs (SB-1, SB-2A, SB-3C) were generally higher than in the delineation samples, but were also below their respective CP-51 SCLs.

Based on the results of the UST SI, AKRF concluded the following:

- The observations of LNAPL and/or petroleum staining, odors and elevated PID readings greater than 10 parts per million (ppm) in soil borings SB-1, SB-2, SB-2A, SB-3, SB-3A, SB-3B, SB-3C, and SB-4 were considered to be consistent with the NYSDEC DER-10 definition of grossly contaminated soil and representative of a reportable spill condition.
- No or minimal field evidence of contamination was observed in soil borings SB-1A, SB-2B, SB-3D, and SB-5; VOC or SVOC concentrations in soil samples from these borings were all below their

Underground Storage Tank Closure and Spill Remediation Report
I.S. 98K, 1401 Emmons Avenue
Brooklyn, New York

respective CP-51 SCLs. Therefore, these borings appeared to delineate the northern, eastern and western extent of the petroleum contamination.

Based on the field observations of petroleum contamination, AKRF reported a spill to the NYSDEC Spill Hotline on July 28, 2014, and spill number 1404552 was assigned to the case. The extent of the petroleum-contaminated soil delineated during the UST SI is shown on Figure 2.

4.0 UST CLOSURE AND SPILL REMEDIATION ACTIVITIES

The UST removal and spill remediation activities were conducted by AB Environmental Corp. (AB) of Bohemia, New York, as a subcontractor to Rocon Plumbing and Heating Corp., the general contractor for the NYCSCA boiler upgrade project. AB's subcontractors included: Mercury Tank & Pump Service, Inc., a New York City Fire Department (FDNY)-certified contractor who supervised the UST closure activities; and Ground Level Construction, who installed the sheeting and shoring and conducted soil excavation. AKRF oversaw the tank removal and soil excavation activities to ensure that they were completed in accordance with the contract specifications and drawings and NYSDEC regulations and guidance. The site preparation, UST removal, petroleum-contaminated soil removal, and backfilling of the excavation were completed between July 14 and October 20, 2015, as described in the following sections. Photographs of the field activities are provided in Appendix A.

4.1 Site Preparation

Site preparation activities included removal of asphalt pavement and an abandoned concrete building slab from the proposed excavation area, and installation of steel sheeting and shoring to support the excavation sidewalls. Approximately 377 linear feet of steel sheeting were installed around the excavation perimeter to a depth of approximately 23 feet bgs. The sheeting was configured such that it extended beyond the perimeter of the petroleum-contaminated soil extent delineated during the 2014 UST SI, as shown on Figure 3.

4.2 UST Cleaning and Removal

Based on documentation by AB Environmental, UST cleaning activities were completed on July 14, 2015. The tank cleaning consisted of pumping out residual oil, purging petroleum vapors from tank interiors, and cleaning the interiors to remove residual sludge. Approximately 596 gallons of petroleum-contaminated water and sludge generated during tank cleaning were transported off-site for disposal at AB Oil Service Ltd. in Bohemia, New York on July 14, 2015. On August 6, 2015, an excavator was used to remove soil from around the previously-cleaned tanks and to hoist them out of the ground and onto the ground surface for inspection; no obvious holes or pitting were noted. Following inspection, the tanks were loaded onto flat-bed trucks and transported off-site to be disposed of as scrap metal at PK Metals in Coram, NY. Manifests and disposal tickets documenting the off-site disposal of tank cleaning wastes and scrap metal are provided in Appendix B. An affidavit prepared by Mercury Tank & Pump documenting the tank closure and a copy of the updated PBS registration listing the tanks as "Closed-Removed" are provided in Attachment C.

Each tank had been fastened with metal braces to a reinforced concrete tank pad measuring approximately 30 feet long, 15 feet wide and 4 to 5 feet thick, located approximately 13 feet below grade. Between August 25 and September 4, 2015, the tank pads were broken up using an excavator with a jack hammer attachment, and the concrete was excavated from the ground and stockpiled to await disposal. The concrete debris was later mixed in with loads of petroleum-contaminated soil, which was disposed of off-site as described in Section 4.3.

4.3 Soil Excavation and Disposal

Soil excavation remedial activities occurred between August 6 and September 17, 2015 to remove petroleum-contaminated soil from within the steel sheeting to approximately 14 to 16 feet below grade. This excavation area was pre-determined based on the extent of petroleum-contaminated soil delineated during the 2014 UST SI described in Section 3.0. During excavation activities, AKRF inspected the excavated soil for evidence of contamination and field-screened the material for VOCs with a PID. Soil with a petroleum-like odor and elevated PID readings was encountered starting at approximately 8 feet below grade throughout the excavation, with the greatest degree of contamination (including petroleum staining and LNAPL), observed in the vicinity of the tank graves within the southern portion of the excavation between depths of about 8 to 13 feet below grade. In general, as the excavation progressed laterally to the north, east, and west toward the steel sheeting, the excavated soil exhibited less evidence of contamination, with lower PID readings (less than 5 ppm) and no heavy staining or obvious odors noted. Soil was removed to the maximum extent feasible along the southern perimeter of the excavation, where steel sheeting was installed as close as practicable (within approximately 10 feet) to the school building foundation wall.

All excavated soil was stockpiled within the steel sheeting perimeter to await off-site disposal; the stockpiles were covered with plastic sheeting whenever disposal operations were not occurring. The stockpiled soil was loaded onto NYSDEC Part 364-permitted trucks for off-site disposal on a regular basis throughout the work. All excavated soil and the concrete debris from the UST tank pads were transported to Clean Earth of Carteret in Carteret, New Jersey (CEC) for disposal/recycling. Copies of the soil disposal manifests and weight tickets, included in Appendix D, document disposal of 4145.02 tons of material at CEC.

4.4 Debris Removal

Debris consisting of concrete, wood (lumber, tree stumps, etc.), and metal scrap was encountered within the shallow fill material from grade to depths of approximately 10-12 feet below grade. The debris was segregated from the stockpiled soil and screened for evidence of contamination. No staining, odors, or elevated PID readings were noted during field screening of the debris; therefore, it was disposed of off-site as construction and demolition debris (C&D). Tickets documenting the C&D disposal are provided in Appendix E.

4.5 Dewatering

Groundwater was encountered at depths ranging 8.5 feet to 12 feet below street level during the excavation activities, with higher levels noted during high tide conditions in Sheepshead Bay (located southeast, across Emmons Avenue, from the Site). A system of sumps was installed in the eastern portion of the excavation area to control groundwater during the soil removal activities. The water was pumped into two 21,000-gallon holding tanks staged north of the excavation area, and the tanks were pumped out as needed by an AB Environmental vacuum truck and transported off-site for disposal. Over the course of the spill remediation activities, approximately 126,942 gallons of dewatering fluids were transported off-site and disposed of at Clean Water of New York in Staten Island and Paradise Oil¹ in Ossining, New York as petroleum-contaminated water. Disposal manifests for the dewatering fluids are provided in Appendix F.

¹ Wastewater disposed of at Paradise Oil was initially delivered to AB's facility in Bohemia, NY, where it was combined with other loads, and then transferred to Paradise Oil.

Underground Storage Tank Closure and Spill Remediation Report
I.S. 98K, 1401 Emmons Avenue
Brooklyn, New York

4.6 LNAPL Removal

After reaching the limits of the designated soil removal area, remaining recoverable LNAPL was removed from the surface of the groundwater in the excavation. The LNAPL removal was conducted on September 21, 2015 by placing a line of sorbent pads on the water and using the pads to sweep the LNAPL into the northeastern corner of the excavation. The LNAPL was then skimmed off the top of the water using a vacuum truck hose until only a slight sheen was noted on the water surface in a small area within the southeastern portion of the excavation. Manifests documenting disposal of the sorbent pads at AB Oil Service are provided in Appendix F. LNAPL skimmed from the groundwater surface was disposed of off-site with dewatering fluids, as described in Section 4.5.

4.7 Post-Excavation Sampling

Due to the steel sheeting surrounding the soil removal area and groundwater in the bottom of the excavation, post-remediation sidewall and bottom endpoint soil samples could not be collected. However, at the request of Ms. Veronica Zhune, the NYSDEC spill case manager, a groundwater sample was collected from the excavation on September 17, 2015 for analysis. The sample (GW-1) was collected using a disposable bailer attached to an excavator bucket. In addition, a soil sample (FPEP-1) was collected at approximately 2 feet below grade at the location of the former fuel oil fill line/ports along the 15th Street sidewalk on September 28, 2015. The sample locations are shown on Figure 3. Each sample was placed in a laboratory-supplied container in accordance with appropriate EPA protocols, and was transported to Alpha Analytical Laboratories, a New York State Department of Health-certified laboratory for analysis of NYSDEC CP-51 Table 3 list VOCs by EPA Method 8260 and NYSDEC CP-51 Table 3 list SVOCs by EPA Method 8270. Analytical results for the groundwater and soil samples are discussed in Section 5.0.

4.8 Excavation Backfill and Site Restoration

Following the LNAPL removal and endpoint sampling, the excavation area was backfilled with approximately 1,000 tons of quarried bluestone from approximately 15 feet below ground surface to the top of the water table level. The remaining portion of the Site was backfilled to grade with approximately 2,000 cubic yards of soil imported from Coram Materials Inc. in Miller Place, New York. Following placement and compaction of the soil, the steel sheeting was removed from the ground and transported off-site. Tickets documenting import of the bluestone and analytical data for the imported backfill are provided in Appendix G.

5.0 POST EXCAVATION SAMPLING RESULTS

5.1 Fill Port Endpoint Sample Results

The complete analytical results for the fill line endpoint sample are summarized in Table 1, and a copy of the laboratory analytical report is provided in Appendix H. A review of analytical results indicates that no VOCs were detected in the soil sample. Twelve of the 16 SVOCs analyzed for were detected in the soil sample, with one compound [indeno(1,2,3-cd)anthracene] detected slightly above its NYSDEC CP-51 Soil Cleanup Level (SCL), as summarized in the following table:

**Detected SVOC Concentration
above CP-51 SCLs in Soil**

Sample ID Sampling Date Units	CP-51 SCL µg/Kg	FPEP-1 (2') 9/28/15 µg/Kg
Indeno(1,2,3-cd)anthracene	500	520

Notes:

**Underground Storage Tank Closure and Spill Remediation Report
I.S. 98K, 1401 Emmons Avenue
Brooklyn, New York**

µg/Kg = micrograms per kilogram
Bold = result exceeds the CP-51 Soil Cleanup Level

5.2 Groundwater Sample Results

The complete analytical results for the groundwater sample collected from remedial excavation are summarized in Table 2, and a copy of the laboratory analytical report is provided in Appendix H. Four VOCs (1,2,4-trimethylbenzene, benzene, naphthalene, and p/m-xylene) and six SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene] were detected at concentrations above their respective Class GA standards. All other detected concentrations were below their respective Class GA standards. The Class GA Ambient Water Quality Standard exceedances are summarized in the following table:

**Detected VOC and SVOC Concentrations
above Class GA Standards in Groundwater**

Sample ID Sampling Date Units	Class GA Standard µg/L	GW-1 9/17/15 µg/L
1,2,4-Trimethylbenzene	5	10
Benzene	1	3
Naphthalene	10	25
p/m-Xylene	5	5.7 J
Benzo(a)anthracene	0.002	2.3
Benzo(a)pyrene	ND	1.3
Benzo(b)fluoranthene	0.002	0.94 J
Benzo(k)fluoranthene	0.002	0.32 J
Chrysene	0.002	3.2
Indeno(1,2,3-cd)pyrene	0.002	0.42 J

Notes:

µg/L = micrograms per liter

J = estimated value

ND = Not Detected

Bold = result exceeds the Class GA Ambient Water Quality Standards

6.0 SUMMARY

The following activities were completed as part of the UST closure and spill remediation work at the Site:

- The two 10,000-gallon fuel oil underground storage tanks were properly cleaned and removed in accordance with the contract specifications and applicable regulations. The PBS registration for the Site has been updated, and the tanks are currently listed “closed-removed”.
- Approximately 4,145 tons of petroleum-contaminated soil were excavated from around the removed USTs and disposed of off-site. The soil excavation extended to approximately 5 feet below the water table and across the aerial extent of contamination delineated during the AKRF’s 2014 UST SI. In general, as the excavation progressed away from the tank locations, the excavated soil exhibit less evidence of contamination, with lower PID readings (less than 5 ppm) and no heavy staining or obvious odors noted.
- Approximately 127,000 gallons of petroleum-contaminated groundwater were pumped from the excavation and disposed of off-site during the spill remediation activities. In addition, recoverable LNAPL was removed from the groundwater surface prior to backfilling, such that only a slight sheen was noted on the water surface in a small area within the southeastern portion of the excavation.

Underground Storage Tank Closure and Spill Remediation Report
I.S. 98K, 1401 Emmons Avenue
Brooklyn, New York

- An endpoint soil sample was collected from under the former UST fill lines and analyzed for the CP-51 Table 3 list of VOC and SVOCs. Results indicated that only one compound [indeno(1,2,3-cd)anthracene] was detected above its CP-51 SCL. The detected concentration (520 µg/kg) only slightly exceeded the SCL of 500 µg/kg, and is consistent with the presence of urban fill and not of petroleum contamination related to the fill lines.
- A groundwater sample was collected from the excavation prior to backfilling and analyzed for CP-51 Table 3 VOCs and SVOCs. Results indicated four VOCs (1,2,4-trimethylbenzene, benzene, naphthalene, and p/m-xylene) and six SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene] were detected above the NYSDEC Class GA Ambient Standard.

7.0 CONCLUSIONS AND RECOMMENDATIONS

AKRF concludes that the substantial petroleum contamination source removal has been completed at the Site, including the following:

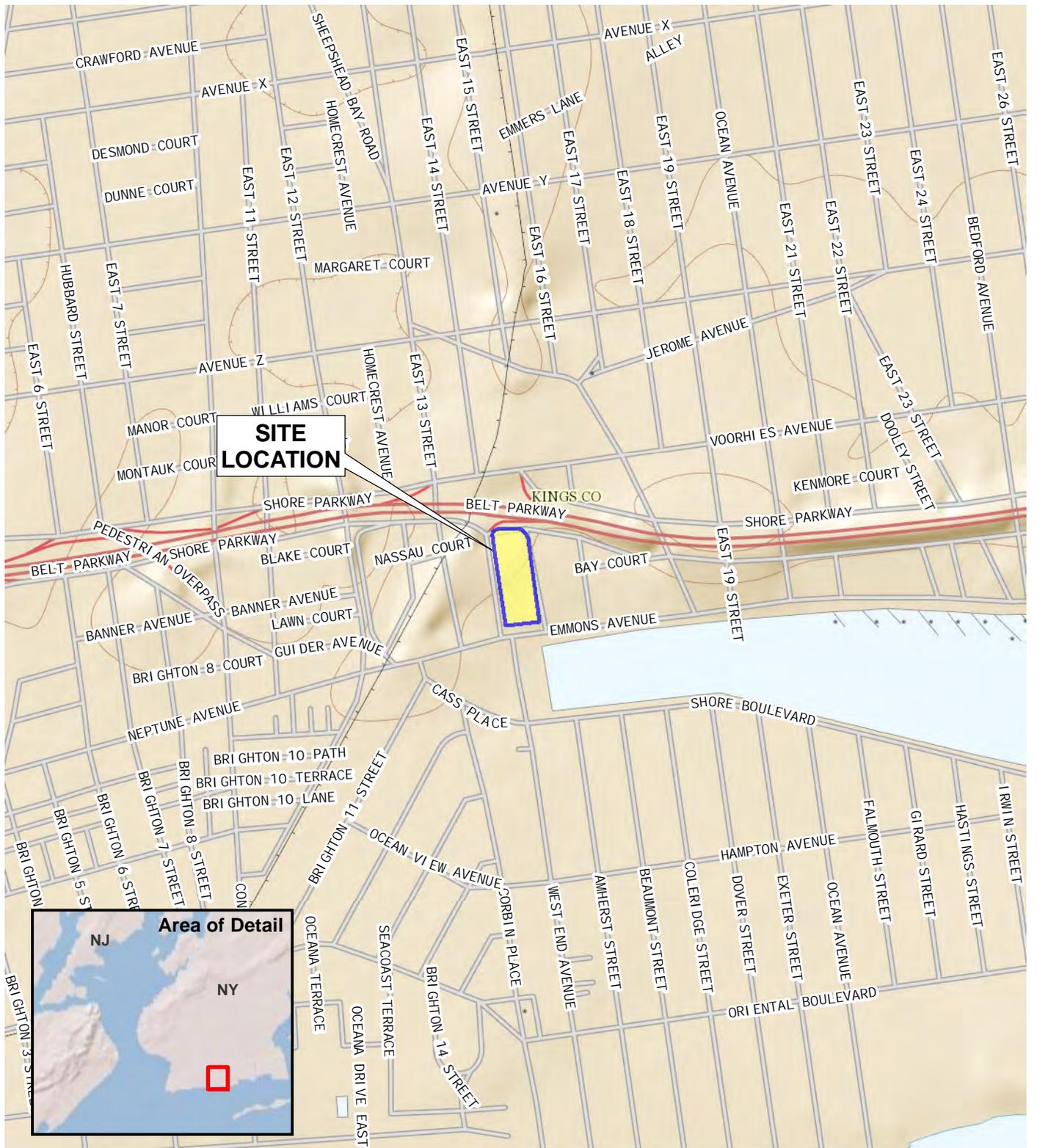
- Cleaning, excavation and removal of two 10,000-gallon fuel oil USTs;
- Removal and off-site disposal of over 4,000 tons of petroleum-contaminated soil from over a 6,000-square foot area; and,
- Removal and off-site disposal of recoverable LNAPL from groundwater in the excavation prior to backfilling.

Based on the extent of the remedial activities completed and the fact that all VOC and SVOC concentrations detected in soil samples collected during the 2014 UST SI were below their respective CP-51 SCLs, with only low-level dissolved contaminants remaining in groundwater, we recommend that the NYCSCA request closure of Spill #1404552 by NYSDEC.

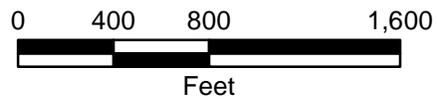
8.0 REFERENCES

- New York State Department of Environmental Conservation Final Commissioner Policy, CP-51: Soil Cleanup Guidance, October 10, 2010.
- New York State Department of Environmental Conservation, DER-10/Technical Guidance For Site Investigation and Remediation, May 3, 2010.
- U.S. Geological Survey, *Coney Island*; 7.5 minute Series (Topographic), Scale 1:24,000; 2010.
- U.S. Geological Survey, Open Files Report 81-1186, Reconnaissance of the Ground-Water Resources of Kings and Queens Counties, New York, 1981.
- U.S. Geological Survey, Water-Table Altitude in Kings and Queens Counties, New York in March 1997, Fact Sheet FS 134-97, November 1997.
- AKRF Engineering, P.C., Underground Storage Tank Site Investigation Report, I.S. 98K, 1401 Emmons Avenue, Brooklyn, NY 11235, October 21, 2014.

FIGURES



SOURCE
 USGS 7.5 Minute Topographic Map
 Coney Island Quad 2011



I.S. 98, 1401 Emmons Avenue
 Brooklyn, New York



DATE
7/27/2016

SITE LOCATION

AKRF Engineering, P.C.
 440 Park Avenue South, New York, NY 10016

PROJECT NO.
86248

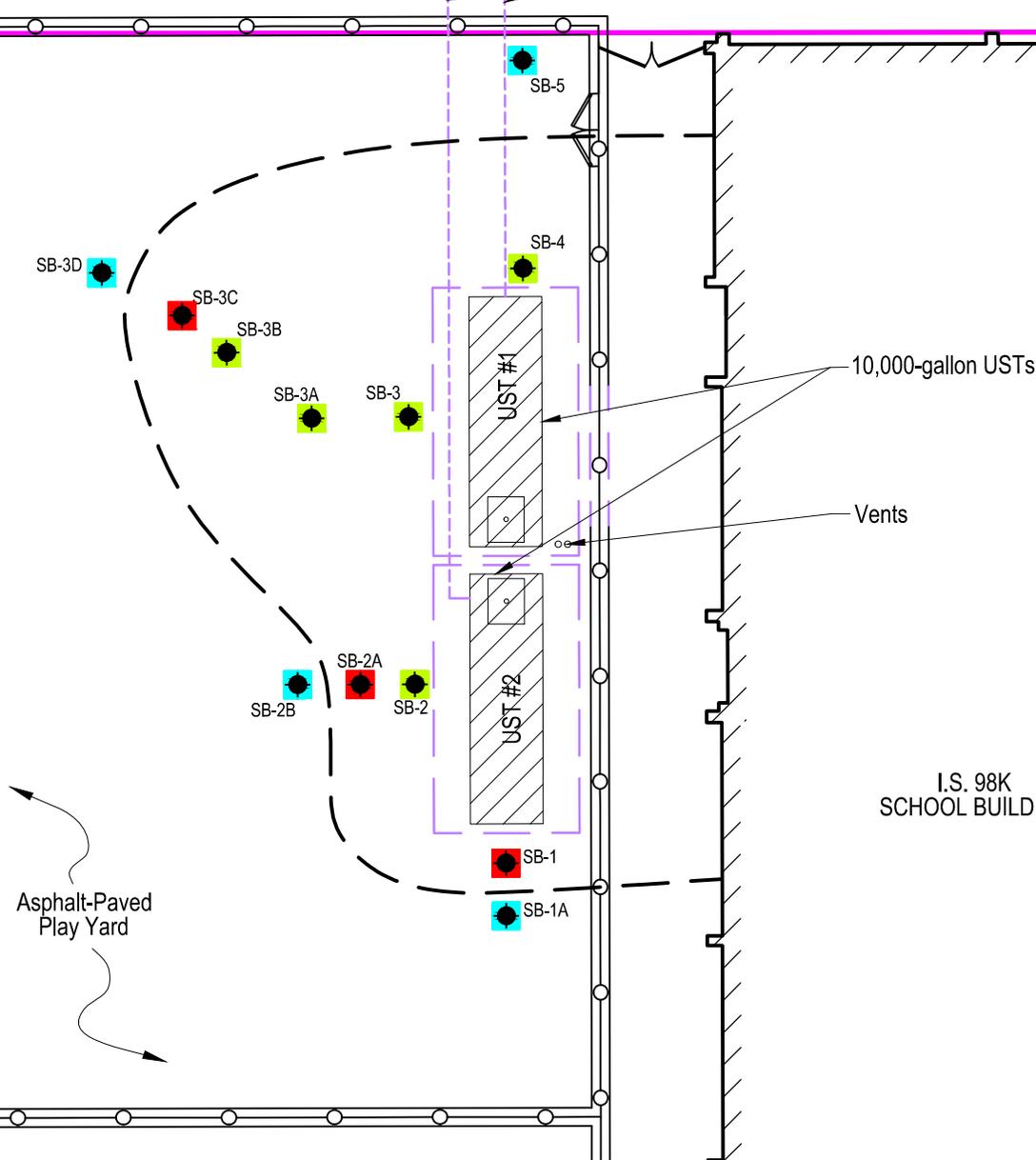
FIGURE
1

East 15th Street



Sidewalk

Fill Lines



I.S. 98K
SCHOOL BUILDING

Asphalt-Paved
Play Yard

LEGEND

-  NON-AQUEOUS PHASE LIQUID OBSERVED IN SOIL
-  PETROLEUM ODORS ELEVATED READING OBSERVED IN SOIL
-  NO FIELD EVIDENCE OF CONTAMINATION
-  UST INVESTIGATION SOIL BORING
-  APPROXIMATE EXTENT OF PETROLEUM IMPACTS
-  FENCE LINE
-  UNDERGROUND STORAGE TANK
-  PROPERTY BOUNDARY



3/2016 AKRF Project Files\86248 - K098 Flood Elimination\CONSTRUCTION\Closure_Report\CAD\86248_Figs 2_3_4.dwg last save: mveilleux 7/29/2016 1:17 PM

I.S. 98, 1401 Emmons Avenue
Brooklyn, New York



DATE
7/29/2016

PROJECT NO.
86248

**FORMER UST LOCATIONS AND APPROXIMATE
EXTENT OF PETROLEUM IMPACTS**

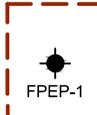
AKRK Engineering, P.C.
440 Park Avenue South, New York, N.Y. 10016

FIGURE
2

East 15th Street



Sidewalk



FPEP-1

Excavation for
Fill Line Removal



GW-1

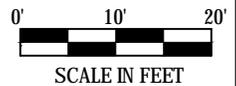
Extent of Sheet piling and
Petroleum Contaminated
Soil Excavation

I.S. 98K
SCHOOL BUILDING

Asphalt-Paved
Play Yard

LEGEND

-  APPROXIMATE EXTENT OF PETROLEUM IMPACTS
-  FENCE LINE
-  PROPERTY BOUNDARY
-  FILL PORT ENDPOINT SAMPLE LOCATION
-  GROUNDWATER SAMPLE LOCATION



SCALE IN FEET

I.S. 98, 1401 Emmons Avenue
Brooklyn, New York



DATE
7/29/2016

PROJECT NO.
86248

**EXTENT OF PETROLEUM-
CONTAMINATED SOIL EXCAVATION**

AKRK Engineering, P.C.
440 Park Avenue South, New York, N.Y. 10016

FIGURE
3

X:\2016_AKRF_Proj\Files\86248 - K098_Flood_Elimination\CONSTRUCTION\Closure_Report\CAD\86248_Figs 2_3_4.dwg last save: mveilleux 7/29/2016 1:21 PM

TABLES

TABLE 1
I.S. 98K, 1401 Emmons Avenue, Brooklyn, NY
 UST Closure
 Endpoint Soil Sample Analytical Results
Volatile and Semivolatile Organic Compounds

Client ID	NYSDEC	FPEP-1 (2')
Lab Sample ID	CP-51	9/28/2015
Date Sampled	Soil Cleanup	L1524203-01
	Guidance	
	Fuel Oil	
Units = ug/Kg		
Volatile Organic Compounds		
1,2,4-Trimethylbenzene	3,600	0.19 U
1,3,5-Trimethylbenzene	8,400	0.2 U
Benzene	60	0.16 U
Ethylbenzene	1000	0.17 U
Isopropylbenzene	2,300	0.14 U
Methyl tert butyl ether	NS	0.12 U
Naphthalene	12,000	0.19 U
n-Butylbenzene	12,000	0.16 U
n-Propylbenzene	3,900	0.15 U
o-Xylene	260**	0.23 U
p/m-Xylene	260**	0.27 U
p-Isopropyltoluene	10,000	0.17 U
sec-Butylbenzene	11,000	0.17 U
tert-Butylbenzene	5,900	0.18 U
Toluene	700	0.27 U
Semivolatile Organic Compounds		
Acenaphthene	20,000	140 J
Acenaphthylene	100,000	130 U
Anthracene	100,000	240 J
Benzo(a)anthracene	1000	730
Benzo(a)pyrene	1000	750
Benzo(b)fluoranthene	1000	960
Benzo(ghi)perylene	100,000	500 J
Benzo(k)fluoranthene	800	370 J
Chrysene	1000	740
Dibenzo(a,h)anthracene	330	140 U
Fluoranthene	100,000	1400
Fluorene	30,000	200 U
Indeno(1,2,3-cd)pyrene	500	520 J
Naphthalene	12,000	230 U
Phenanthrene	100,000	860
Pyrene	100,000	1400

TABLE 2
I.S. 98K, 1401 Emmons Avenue, Brooklyn, NY
 UST Closure
 Groundwater Analytical Results
Volatile and Semivolatile Organic Compounds

Client ID	NYSDEC	GW-1
Lab Sample ID	Class GA	17-SEP-15
Date Sampled	Ambient	L1523056-01
Units = ug/L		
Volatile Organic Compounds		
1,2,4-Trimethylbenzene	5	10
1,3,5-Trimethylbenzene	5	2.9 J
Benzene	1	3
Ethylbenzene	5	3.8 J
Isopropylbenzene	5	2.8 U
Methyl tert butyl ether	10	2.8 U
Naphthalene	10	25
n-Butylbenzene	5	2.8 U
n-Propylbenzene	5	2.8 U
o-Xylene	5	2.8 U
p/m-Xylene	5	5.7 J
p-Isopropyltoluene	5	2.8 U
sec-Butylbenzene	5	2.8 U
tert-Butylbenzene	5	2.8 U
Toluene	5	2.8 U
Semivolatile Organic Compounds		
Acenaphthene	20	6.7
Acenaphthylene	NS	0.18 U
Anthracene	50	2.7
Benzo(a)anthracene	0.002	2.3
Benzo(a)pyrene	ND	1.3
Benzo(b)fluoranthene	0.002	0.94 J
Benzo(ghi)perylene	NS	0.63 J
Benzo(k)fluoranthene	0.002	0.32 J
Chrysene	0.002	3.2
Dibenzo(a,h)anthracene	NS	0.28 J
Fluoranthene	50	2.3
Fluorene	50	7.5
Indeno(1,2,3-cd)pyrene	0.002	0.42 J
Naphthalene	10	0.22 U
Phenanthrene	50	12
Pyrene	50	5.8

Table Notes
I.S. 98K
1401 Emmons Avenue
Brooklyn, New York
Analytical Results

U : The compound was not detected at the indicated concentration.

Data indicates the presence of a compound that meets the identification criteria. The

J : result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

NS No standard or guidance value.

ND Not detected

ug/Kg : micrograms per kilogram = parts per billion (ppb)

ug/L : micrograms per liter = parts per billion (ppb)

NYSDEC New York State Department of Environmental Conservation Commissioner's Policy CP-
CP-51 Soil : 51/Soil Cleanup Guidance, Table 3: Soil Cleanup Levels for Fuel Oil Contaminated
Cleanup Soil.
Levels

NYSDEC New York State Department of Environmental Conservation Technical and Operational
Class GA : Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance
Ambient Values and Groundwater Effluent Limitations.

Laboratory analytical methods included the following:

CP-51 VOCs using EPA Method 8260

CP-51 SVOCs using EPA Method 8270

** The CP-51 Soil Cleanup Level is for total mixed xylenes.

APPENDIX A

PHOTOGRAPHS



Photograph 1. Sheet piling installation.



Photograph 2. Tank 1 removal (10,000 gallon fuel oil tank).



Photograph 3. Tank 2 removal (10,000 gallon fuel oil tank).



Photograph 4. Tank pits following UST removal.



Photograph 5. Excavation activities to remove contaminated soil.



Photograph 6. Excavation activities to remove oil-contaminated soil.



Photograph 7. Holding tank for dewatering fluids.



Photograph 8. Sorbent pads used to recover NAPL from groundwater in the excavation.



Photograph 9. Transportation of soil from the Site.



Photograph 10. Backfilling site with bluestone.



Photograph 11. Unloading imported soil to backfill the Site



Photograph 12. Soil compaction at the Site

APPENDIX B

UST CLEANING WASTE MANIFESTS AND METAL SCRAP TICKETS

Non-Hazardous Manifest

Manifest Doc No. 137743

Generator

Generator ID: 22572
SCA IS 98 BAY ACADEMY
1401 EMMONS AVENUE
BROOKLYN, NY 11235

Transporter

A B OIL SERVICE LTD.
6315676545
NYD987023371
1A-002

Facility

A B OIL SERVICE LTD.
1599 Ocean Avenue
Bohemia, NY 11716
631.567.6545
NYD987023371

Shipping Name and Description	NumCont	ContType	Quantity	Units	Profile ID
TANK BOTTOMS - FUEL OIL	1	TT	596	G	N013

Material Name	Quantity

Additional Descriptions for Materials Listed Above	Handling Codes Listed Above

Special Handling Instructions and Additional Information
 24 Hour Emergency # (631) 567 - 6545
 ERG# 128

V-18

Generator's Certification: I certify the materials described above are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name X Bill Mitt as agent Signature X [Signature] as agent Date 7/14/15

Transporter 1 Acknowledgement of Receipt of Materials

Printed / Typed Name William J Mitterand Signature [Signature] Date 7/14/15

Transporter 2 Acknowledgement of Receipt of Materials

Printed / Typed Name _____ Signature _____ Date _____

Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted above.

Printed / Typed Name [Signature] Signature [Signature] Date 7-14-15

Non-Hazardous Manifest

Manifest Doc No.139012

Generator

Generator ID: 22572
SCA IS 98 BAY ACADEMY
1401 EMMONS AVENUE
BROOKLYN, NY 11235

Transporter

FAIRWAY ENVIRONMENTAL
NYR000217836
1A-913

Facility

P K SCRAP METALS
3542 ROUTE 112
CORAM, NY 11727
631.732.6403
EXEMPT3

Shipping Name and Description	NumCont	ContType	Quantity	Units	Profile ID
SCRAP METAL CONTAMINATED W/ OIL	1	CM	2.58	T	N855

Material Name	Quantity

Additional Descriptions for Materials Listed Above	Handling Codes Listed Above

Special Handling Instructions and Additional Information
 24 Hour Emergency # (631) 567 - 6545
 ERG# 128

19-1

Generator's Certification: I certify the materials described above are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed / Typed Name X Signature X Date 8-17-15

Transporter 1 Acknowledgement of Receipt of Materials
 Printed / Typed Name HENRY SILVA Signature Henry Silva Date 8-17-15

Transporter 2 Acknowledgement of Receipt of Materials
 Printed / Typed Name _____ Signature _____ Date _____

Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted above.
 Printed / Typed Name _____ Signature _____ Date _____

APPENDIX C

UST CLOSURE AFFIDAVIT AND PBS REGISTRATION

AB *ENVIRONMENTAL*

October 13, 2015

Munendra Sharma
NYC Dept of Education
Field Operations – Fuel Division
44-36 Vernon Blvd
Long Island City, NY 11101

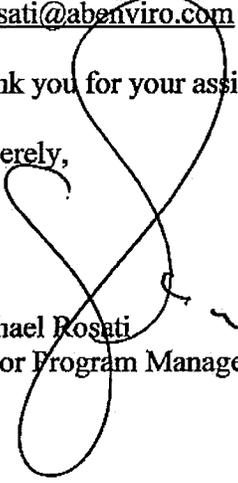
Please see attached updated PBS Application for PBS Number 2-356190 indicating removal of (2) 10,000 gallon USTs.

Please sign attached and mail to PBS Unit Region 2.

If you have any questions, please contact me at 631 567 6545 or via email at mrosati@abenviro.com

Thank you for your assistance.

Sincerely,



Michael Rosati
Senior Program Manager

*1599 Ocean Avenue
Bohemia, New York 11716
Ph. (631) 567-6545 ~ fax (631) 567-9390
www.abenvironmental.com
NYSDEC: 1A002 * USEPA: NYD987023371*

Petroleum Bulk Storage Application

Pursuant to the Environmental Conservation Law: Article 17, Title 10; and Regulations 6 NYCRR Parts 612-614 and 6 NYCRR Subpart 374-2

(Please Type or Print Clearly and Complete All Items for Sections A, B & C)

PBS Number:
2-356190

Return Completed Form To:

NYS DEC - PBS Unit, Region 2
47-40 21st Street, 1st Floor
Long Island City, NY 11101-5407
(718) 482-6454

Section A - Facility/Property Owner/Contact Information Expiration Date: 09/01/2018	
Transaction Type: <input type="checkbox"/> 3 1) Initial/New Facility 2) Change of Ownership 3) Tank Installation, Closing, Repair or Reconditioning 4) Information Correction 5) Renewal	Facility Name: I.S. 98 - BROOKLYN K043 Facility Address (Physical Address, No P.O. Boxes): 1401 EMMONS AVENUE Facility Address (cont.): City: BROOKLYN County: Kings Township or City: New York City Name of Class B (Daily On-Site) Operator: THOMAS SMALLMAN Name of Class A (Primary) Operator: SAL CALDERONE Facility (Property) Owner (from Deed): NEW YORK CITY DEPARTMENT OF EDUCATION Facility Owner Address (Street and/or P.O. Boxes): 44-36 VERNON BOULEVARD City: LONG ISLAND CITY State: NY ZIP Code: 11101 Federal Tax ID Number: 13-6400-434 Type of Owner (check only one): <input type="checkbox"/> 1 Private Resident <input checked="" type="checkbox"/> 3 Local Government <input type="checkbox"/> 4 Federal Government <input type="checkbox"/> 5 State Government Corporate/Commercial/Other (Please keep this information up to date. It is used for mailing and contact purposes)
NOTE: Fill in Property Owner information here...>>> Indicate Tank Owner in Section C.	Tax Map Info Borough/Section: Block: Lot: State: NY ZIP Code: 11235 Facility Phone Number: (718) 332-1310 *** Emergency Contact Name: KEN MAHADEO Emergency Telephone Number: (646) 210-7918
Per a 2008 law change, Facility owner is now defined as the owner of the property. *** indicates missing data	TYPE OF PETROLEUM FACILITY (Check only one) <input type="checkbox"/> 01=Storage Terminal/Petrol. Distributor <input type="checkbox"/> 02=Retail Gasoline Sales <input type="checkbox"/> 03=Other Retail Sales <input type="checkbox"/> 04=Manufacturing <input type="checkbox"/> 05=Utility <input type="checkbox"/> 06=Trucking/Transportation/Fleet <input checked="" type="checkbox"/> 07=Apartment/Office Building <input type="checkbox"/> 08=School <input type="checkbox"/> 09=Farm <input type="checkbox"/> 10=Private Residence <input type="checkbox"/> 11=Airline/Air Taxi/Airport <input type="checkbox"/> 12=Chemical Distributor <input type="checkbox"/> 13=Municipality <input type="checkbox"/> 15=Railroad. <input type="checkbox"/> 23=Auto Service/Repair (No Gasoline Sales) <input type="checkbox"/> 25=Religious (Church, Synagogue, Mosque, Temple, etc.) <input type="checkbox"/> 26=Hospital/Nursing Home/Health Care <input type="checkbox"/> 27=Marina <input type="checkbox"/> 28=Cemetery/Memorial <input type="checkbox"/> 99=Other (Specify): Emergency Telephone Number: (646) 210-7918
CORRESPONDENCE	OFFICIAL USE ONLY Date Received ___/___/___ Date Processed ___/___/___ Amount Received \$ _____ Reviewed by _____ (Revised May 22, 2014)
Facility Contact Person Name: Contact Person Company Name: Address: Address (cont.): City/State/ZIP Code: Telephone Number:	Name of Property Owner or Authorized Representative: *** Amount Enclosed: \$ _____ Title: *** Signature: _____ Date: _____ MUNENDRA SHARMA NYC DEPT OF EDUCATION FIELD OPERATIONS-FUEL DIVISION 44-36 VERNON BOULEVARD LONG ISLAND CITY, NY 11101 (718) 349-5752 E-Mail Address: MSHARMA@SCHOOLS.NYC.GOV

**PBS Number:
2-356190**

Section B - Tank Information

(Please use the key located on the last page to complete each item/column)

Registration Expiration Date:

9/1/2018

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Action	Tank Number	Tank Location	Status	Installation or Permanent Closure Date (mm/dd/yyyy) Application will be returned if blank or 00/00/0000	Capacity (Gallons)	Product Stored (If Gasoline w/ethanol or Biodiesel, list % additive)	Tank Type	Tank Internal Protection	Tank External Protection	Tank Secondary Containment	Tank Leak Detection	Tank Overfill Prevention	Tank Spill Prevention	Pumping/Dispensing Method	Piping Location	Piping Type	Piping External Protection	Piping Secondary Containment	Piping Leak Detection	Under Dispenser Containment (UDC) (Check box if present)
	001	5	1	4/6/1963	10,000		01 00 01			00	00	04	00 02	03	01	01	00	00	00	
	002	5	1	4/6/1963	10,000	0001	01 00 01			00	00	04	00 02	03	01	01	00	00	00	
	003	3	1	7/20/2015	6,000	0001	01 00 01			12	02	04 05	01 02	01	01	01	00	00	00	

Note: If you need to add tanks to your registration, write them in using blank lines above. Attach additional sheets as needed. Blank Section B is available at http://www.dec.ny.gov/docs/remediation_hudson_pdf/pbsrenewal.pdf



**Department of
Environmental
Conservation**

Bulk Storage Database Search Details

[First Site](#)
[Previous Site](#)

Facility Information

Site No.: 2-356190

Status: Active

Expiration Date: 09/01/2018

Site Type: PBS

Site Name: I.S. 98 - BROOKLYN K043

Address: 1401 EMMONS AVENUE

Locality: BROOKLYN

State: NY

Zipcode: 11235

County: Kings

Owner(s) Information

Facility Owner: NEW YORK CITY DEPARTMENT OF EDUCATION
44-36 VERNON BOULEVARD . LONG ISLAND CITY, NY. 11101

Mail Contact: NYC DEPT OF EDUCATION
FIELD OPERATIONS-FUEL DIVISION . LONG ISLAND CITY, NY. 11101

Tank Information

3 Tanks Found

Tank No	Tank Location	Status	Capacity (Gal.)
001	Underground	Closed - Removed	10000
002	Underground	Closed - Removed	10000
003	Aboveground - No Contact (on saddles, legs, rack, cradle, etc.)	In Service	6000

[Return To Results](#)
[Refine This Search](#)



Department of
Environmental
Conservation

Bulk Storage Database Search Details

Tank Information

[Next Tank](#)[Last Tank](#)

Site No: 2-356190

Site Name: I.S. 98 - BROOKLYN K043

Tank No: 001

Tank Location: Underground

Tank Status: Closed - Removed

Tank Install Date: 04/06/1963

Tank Closed Date: 08/06/2015

Tank Capacity: 10000 gal.

Product Stored: #2 fuel oil (on-site consumption)

Percentage: 100%

Tank Type: 01 - Steel/Carbon Steel/Iron

Tank Internal Protection: None

Tank External Protection: Painted/Asphalt Coating

Tank Secondary Containment: None

Tank Leak Detection: None

Overfill: Product Level Gauge (A/G)

Spill Prevention: None

Dispenser: Suction Dispenser

Pipe Location: Aboveground/Underground Combination

Pipe Type: Steel/Carbon Steel/Iron

Pipe External Protection: Painted/Asphalt Coating

Piping Secondary Containment: None

Piping Leak Detection: None

Tank Next Test Due:

Tank Last Test: 09/29/2004

Tank Test Method: Horner EZY3/EZY3 Locator Plus

[Refine This Search](#)[Return To Facility](#)



**Department of
Environmental
Conservation**

Bulk Storage Database Search Details

Tank Information

[First Tank](#)[Previous Tank](#)[Next Tank](#)[Last Tank](#)

Site No: 2-356190

Site Name: I.S. 98 - BROOKLYN K043

Tank No: 002

Tank Location: Underground

Tank Status: Closed - Removed

Tank Install Date: 04/06/1963

Tank Closed Date: 08/06/2015

Tank Capacity: 10000 gal.

Product Stored: #4 fuel oil (on-site consumption)

Percentage: 100%

Tank Type: 01 - Steel/Carbon Steel/Iron

Tank Internal Protection: None

Tank External Protection: Painted/Asphalt Coating

Tank Secondary Containment: None

Tank Leak Detection: None

Overfill: Product Level Gauge (A/G)

Spill Prevention: None

Dispenser: Suction Dispenser

Pipe Location: Aboveground/Underground Combination

Pipe Type: Steel/Carbon Steel/Iron

Pipe External Protection: Painted/Asphalt Coating

Piping Secondary Containment: None

Piping Leak Detection: None

Tank Next Test Due:

Tank Last Test: 09/29/2004

Tank Test Method: Horner EZY3/EZY3 Locator Plus

[Refine This Search](#)[Return To Facility](#)



MERCURY TANK & PUMP SERVICE, INC.

233 Nevins Street
Brooklyn, N.Y. 11217
(718) 624-4842

New York City Fire Department
Bureau of Fire Prevention
9 Metrotech
Brooklyn, N.Y. 11201

Re: 1401 Emmons Avenue Brooklyn; permanent removal of two 10,000 gallon underground #4 fuel oil tanks.

AFFIDAVIT

In accordance with FC 3401-01 the permanent decommissioning of two 10,000 gallon underground #4 fuel oil tanks at 1401 Emmons Avenue Brooklyn has been completed.

- 1) The contents of the tanks were completely removed.
- 2) The tanks were thoroughly cleaned and purged of combustible vapors.
- 3) All pipes were removed.
- 4) The fill ports were removed
- 5) The tanks were removed from the ground and disposed of off site
- 6) This work was completed on 06, August 2015

Sincerely

Mark Salamack
Underground Tank Installer
Certificate of License #80151715 (Expires 16, June 2018)

LASSALLE BEST JR.
Notary Public, State of New York
No. 24-0279100
Qualified in Queens County
Commission Expires March 30, 2019

Sworn before me this 17 day of AUGUST, 2015

Notary Public

APPENDIX D
SOIL DISPOSAL MANIFESTS

Profile Report

Profile: 153070896

Transactions from 08/03/2015 through 08/03/2015

Site ID: 307

User ID: CEILCEGLAREK

Inbound Tickets Only

Third Party and Intercompany Customers

Recycle and Disposal Material

Sent and Unsent Tickets

Full Details

Ticket	Date	Truck	In / Out	Manifest	Customer	Bill. Units	Cubic Yards	Tons	Estimated Tons	
153070896 - SCA IS 98K						Global Job Number: 137193				
700000275833	08/03/15	07SHIR32	I	1183047	ABE256-AB ENVIROMENTAL	28.440 Tn	0.00	28.44	0.00	
700000275860	08/03/15	07SHIR12	I	1183048	ABE256-AB ENVIROMENTAL	34.160 Tn	0.00	34.16	0.00	
700000275862	08/03/15	07SHIR24	I	1183049	ABE256-AB ENVIROMENTAL	34.400 Tn	0.00	34.40	0.00	
700000275899	08/03/15	07RLS68	I	1183052	ABE256-AB ENVIROMENTAL	29.600 Tn	0.00	29.60	0.00	
700000275913	08/03/15	07SHIR40	I	1183050	ABE256-AB ENVIROMENTAL	28.370 Tn	0.00	28.37	0.00	
700000275917	08/03/15	07SHIR21	I	1183051	ABE256-AB ENVIROMENTAL	28.110 Tn	0.00	28.11	0.00	
700000275919	08/03/15	07SHIR36	I	1183053	ABE256-AB ENVIROMENTAL	30.420 Tn	0.00	30.42	0.00	
700000275942	08/03/15	07SHIR26	I	1183054	ABE256-AB ENVIROMENTAL	29.510 Tn	0.00	29.51	0.00	
700000275944	08/03/15	07SHIR6	I	1183055	ABE256-AB ENVIROMENTAL	31.380 Tn	0.00	31.38	0.00	
700000276024	08/03/15	07SHIR20	I	1183056	ABE256-AB ENVIROMENTAL	31.590 Tn	0.00	31.59	0.00	
700000276027	08/03/15	07SHIR22	I	1183057	ABE256-AB ENVIROMENTAL	29.180 Tn	0.00	29.18	0.00	
700000276061	08/03/15	07JLD1	I	1183058	ABE256-AB ENVIROMENTAL	32.140 Tn	0.00	32.14	0.00	
700000276063	08/03/15	07RLS17	I	1183059	ABE256-AB ENVIROMENTAL	35.890 Tn	0.00	35.89	0.00	
700000276090	08/03/15	07SHIR4	I	1183061	ABE256-AB ENVIROMENTAL	32.370 Tn	0.00	32.37	0.00	
700000276092	08/03/15	07RLS48	I	1183060	ABE256-AB ENVIROMENTAL	32.660 Tn	0.00	32.66	0.00	
700000276114	08/03/15	07SHIR14	I	1183062	ABE256-AB ENVIROMENTAL	29.370 Tn	0.00	29.37	0.00	
700000276119	08/03/15	07SHIR34	I	1183063	ABE256-AB ENVIROMENTAL	35.120 Tn	0.00	35.12	0.00	
700000276136	08/03/15	07SHIR16	I	1183065	ABE256-AB ENVIROMENTAL	32.430 Tn	0.00	32.43	0.00	
700000276157	08/03/15	07RLS18	I	1183064	ABE256-AB ENVIROMENTAL	34.300 Tn	0.00	34.30	0.00	
700000276176	08/03/15	07SINAI222	I	1183066	ABE256-AB ENVIROMENTAL	35.180 Tn	0.00	35.18	0.00	
700000276182	08/03/15	07SHIR32	I	1183067	ABE256-AB ENVIROMENTAL	29.860 Tn	0.00	29.86	0.00	
153070896 - SCA IS 98K							0.00	664.48	0.00	
<i>21 tickets and 21 transactions</i>										
Report Grand Totals							0.00	664.48	0.00	
<i>21 tickets and 21 transactions</i>										

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000275833

	Date	Time	Scale
In:	8/3/2015	09:37:35	Manual W
Out:	8/3/2015	09:37:49	P.T.

Manifest: 1183047
Vehicle ID: 07SHIR32

	Lbs	Tns
Gross:	83680	41.84
Tare:	26800	13.40
Net:	56880	28.44

Customer: AB ENVIROMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Facility Approval#: 153070896
Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin	Materials & Services	Quantity	Unit
--------	----------------------	----------	------

Kings	Soil Treatment Type II	28.44	Tns
-------	------------------------	-------	-----

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____

Washington, Yoland



#1 in 7.22 out

Manifest # 1183047

GLOBAL JOB NUMBER: 137193

FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>SCA</u> <u>1401 Emmons Avenue</u> <u>Brooklyn NY 11235</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>631-680-3550</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Masati Title: SPM
Signature: [Signature] as agent Date and Time: 8/3/15

TRANSPORTER

Company: Shirley Express Phone Number: _____
Address: 702 Ramsey Av Truck # and License Plate: 37 ATR 770E
Driver: Rolsudo SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Rolsudo Date and Time: 8-3-15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Rolsudo Date and Time: 8-3-15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000275860

	Date	Time	Scale
In:	8/3/2015	10:10:11	Manual W
Out:	8/3/2015	10:10:34	P.T.

Manifest: 1183048
Vehicle ID: 07SHIR12

	Lbs	Tns
Gross:	94220	47.11
Tare:	25900	12.95
Net:	68320	34.16

Customer: AB ENVIROMENTAL

Facility Approval#: 153070896

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin	Materials & Services	Quantity	Unit
--------	----------------------	----------	------

Kings	Soil Treatment Type II	34.16	Tns
-------	------------------------	-------	-----

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____
Washington, Yoland

GENERATOR



#2

in. 7:43
out.

Manifest # 1183048

GLOBAL JOB NUMBER: 137193

FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: SCA 1401 Emmons Avenue Brooklyn NY 11235	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: 631-680-3550	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Rosati Title: SPM
 Signature: [Signature] as agent Date and Time: 8/3/15

TRANSPORTER

Company: SWIRLES EXPRESS Phone Number: _____
 Address: _____ Truck # and License Plate: A2116B
 Driver: MAIKEE SW Haulers Permit #: #12
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: [Signature]

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000275862

	Date	Time	Scale
In:	8/3/2015	10:11:15	Manual W
Out:	8/3/2015	10:11:41	P.T.

Manifest: 1183049
Vehicle ID: 07SHIR24

	Lbs	Tns
Gross:	95120	47.56
Tare:	26320	13.16
Net:	68800	34.40

Customer: AB ENVIRODMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Facility Approval#: 153070896
Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin Materials & Services

Quantity Unit

Kings Soil Treatment Type II 34.40 Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____
Washington, Yoland

GENERATOR



#3

in: 8:09
out

Manifest # 1183049

GLOBAL JOB NUMBER: 137193

FACILITY APPROVAL NUMBER: 153070996

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>SCA</u> <u>1401 Emmons Avenue</u> <u>Brooklyn NY 11235</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>631-680-3550</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Rosa Title: SPM
 Signature: [Signature] as agent Date and Time: 8/3/15

TRANSPORTER

Company: Shurley Express Phone Number: _____
 Address: _____ Truck # and License Plate: 24 A5352 F
 Driver: Deinardo SW Haulers Permit #: _____
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 8/3/15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 8/3/15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008

Ph: (732) 541-8909 Fax: (732) 541-8105

Manifest: 1183052
Vehicle ID: 07RL968

Customer: AB ENVIROMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin Kings
Materials & Services

Soil Treatment Type II

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Ticket: 700000275899

In:	Date	Time	Scale
Out:	8/3/2015	10:39:54	Scale CE
	8/3/2015	10:41:21	P.T.

Gross:	Lbs	Tns
Tare:	84520	42.26
Net:	25320	12.66
	59200	29.60

Facility Approval#: 153070896
Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Quantity Unit
29.60 Tns

Fa: _____

Washington, Yoland



#6

in 8:42
out

Manifest # 1183052

GLOBAL JOB NUMBER: 137193

FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>SCA</u> <u>1401 Emmons Avenue</u> <u>Brooklyn NY 11235</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>631-680-3550</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Rosa Title: SPM
 Signature: [Signature] Date and Time: 8/3/15
(as agent)

TRANSPORTER

Company: SHIRLEY EXPRESS - RLS TRANSPORT Phone Number: _____
 Address: HILLSIDE 702 RAMSEY AVE Truck # and License Plate: AP 4934 #68
 Driver: AA70 SAGWA GOMEZ SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: _____

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: [Signature]

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000275913

	Date	Time	Scale
In:	8/3/2015	10:51:55	Scale CE
Out:	8/3/2015	10:52:23	P.T.

Manifest: 1183050
Vehicle ID: 07SHIR40

	Lbs	Tns
Gross:	82920	41.46
Tare:	26180	13.09
Net:	56740	28.37

Customer: AB ENVIROMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Facility Approval#: 153070896
Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin	Materials & Services	Quantity	Unit
--------	----------------------	----------	------

Kings	Soil Treatment Type II	28.37	Tns
-------	------------------------	-------	-----

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____

Washington, Yoland



#4

in 8.21
out

Manifest # 1183050

GLOBAL JOB NUMBER: 137193

FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>SCA</u> <u>1401 Emmons Avenue</u> <u>Brooklyn NY 11235</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>631-580-3550</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Rosat Title: SPM
 Signature: as agent Date and Time: 8/3/15

TRANSPORTER

Company: SHIRLEY Phone Number: _____
 Address: 702 RAMSAY AVE HILLSIDE Truck # and License Plate: #40A5878B
 Driver: DIDIER SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 08-03-15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 08-03-15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000275917

	Date	Time	Scale
In:	8/3/2015	10:53:23	Scale CE
Out:	8/3/2015	10:54:16	P.T.

Manifest: 1183051
Vehicle ID: 07SHIR21

	Lbs	Tns
Gross:	82340	41.17
Tare:	26120	13.06
Net:	56220	28.11

Customer: AB ENVIROMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Facility Approval#: 153070896
Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin Materials & Services

Quantity Unit

Kings Soil Treatment Type II 28.11 Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____
Washington, Yoland

GENERATOR



#5

in 8:31
out

Manifest # 1183051

GLOBAL JOB NUMBER: 137193

FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>SCA</u> <u>1401 Emmons Avenue</u> <u>Brooklyn NY 11235</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>631-680-3550</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Masati Title: SPM
 Signature: [Signature] as agent Date and Time: 8/3/15

TRANSPORTER

Company: SHIRLEY EXPRESS Phone Number: _____
 Address: 702 RAMSEY AVE HILLSIDE Truck # and License Plate: 21 AS 837B
 Driver: YANDY SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 8/3/15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000275919

	Date	Time	Scale
In:	8/3/2015	10:54:50	Scale CE
Out:	8/3/2015	10:56:34	P.T.

Manifest: 1183053
Vehicle ID: 07SHIR36

	Lbs	Tns
Gross:	87020	43.51
Tare:	26180	13.09
Net:	60840	30.42

Customer: AB ENVIROMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Facility Approval#: 153070896
Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin Materials & Services

Quantity Unit

Kings Soil Treatment Type II 30.42 Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____
Washington, Yoland



7

in 8:54
out

Manifest # 1183053

GLOBAL JOB NUMBER: 127193

FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>SCA</u> <u>1401 Emmons Avenue</u> <u>Brooklyn NY 11235</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>631-680-3550</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Dasaga Title: SPM
 Signature: [Signature] Date and Time: 8/3/15

TRANSPORTER

Company: Shirley Express, LLC Phone Number: _____
 Address: 202 Ramsey Ave Hillside NJ Truck # and License Plate: 30/A5261B
 Driver: Yael Fando SW Haulers Permit #: _____
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 8-3-15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 8-3-15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000275942

	Date	Time	Scale
In:	8/3/2015	11:19:16	Scale CE
Out:	8/3/2015	11:19:30	P.T.

Manifest: 1183054
Vehicle ID: 07SHIR26

	Lbs	Tns
Gross:	85240	42.62
Tare:	26220	13.11
Net:	59020	29.51

Customer: AB ENVIROMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Facility Approval#: 153070896
Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin Materials & Services

Quantity Unit

Kings Soil Treatment Type II 29.51 Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____

Washington, Yoland



8

in 9.12
out

Manifest # 1183054

GLOBAL JOB NUMBER: 137193 FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: SCA 1401 Emmons Avenue Brooklyn NY 11235	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: 631-680-3550	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Rosati Title: SPM
Signature: [Signature] as agent Date and Time: 8/3/15

TRANSPORTER

Company: Shirley Express Phone Number: _____
Address: 702 Ramsey Ave Truck # and License Plate: AS122L #26
Driver: PABLO MIANCHENO SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 08/3/15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Manifest: 1183055
Vehicle ID: 07SHIR6

Customer: AB ENVIROMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin: Materials & Services

Kings Soil Treatment Type II
Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Ticket: 700000275944
In: 8/3/2015 11:21:13 Scale
Out: 8/3/2015 11:21:23 Scale CE
P.T.

	Lbs	Tns
Gross:	88660	44.33
Tap:	25900	12.95
Net:	62760	31.38

Facility Approv#: 153070896
Job No: SCA IS 98K
Job Addr: 1401 Emmons Avenue
Brooklyn, NY 11235
Quantity Unit
31.38 Tns

Facility: _____
Washington, Yoland

GENERATOR



#9

in 9.24
out

Manifest # 1183055

GLOBAL JOB NUMBER: 137193

FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>SCA</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>1401 Emmons Avenue</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<u>Brooklyn NY 11235</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>631-680-3550</u>	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Rosati Title: SPM
 Signature: [Signature] as agent Date and Time: 8/3/15

TRANSPORTER

Company: Shorley Express Phone Number: _____
 Address: Hillside NJ Truck # and License Plate: AS 125 L #06
 Driver: Napoleon Codomo SW Haulers Permit #: _____
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Napoleon Codomo Date and Time: 8-3-15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Napoleon Codomo Date and Time: 8-3-15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008

Ph: (732) 541-8909 Fax: (732) 541-8105

***** Reprinted Ticket - Edited *****

Manifest: 1183056
Vehicle ID: 07SHIR20

Customer: AB ENVIROMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin
Materials & Services

Soil Treatment Type II

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Ticket: 700000276024

In:	Date	Time	Scale
Out:	8/3/2015	12:26:47	Scale CE
	8/3/2015	12:27:12	P.T.

Gross:	Lbs	Tns
Tar:	89040	44.52
Nt:	25860	12.93
	63180	31.59

Facility Approval #: 153070896
Job No: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235
Quantity Unit

31.59 Tns

Facili

Ceglarek, Lukasz

GENERATOR



#10

in 9:38
out

Manifest # 1183056

GLOBAL JOB NUMBER: 137193 FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>SCA</u> <u>1401 Emmons Avenue</u> <u>Brooklyn NY 11235</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>631-680-3550</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION
Non-Hazardous Soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Nosak Title: SPPM
Signature: as agent Date and Time: 8/3/15

TRANSPORTER

Company: Skidley Phone Number: _____
Address: Hillside NJ Truck # and License Plate: 20 ASD 59 P
Driver: Podko SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 8/3/15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 8/3/15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000276027

	Date	Time	Scale
In:	8/3/2015	12:21:50	Scale CE
Out:	8/3/2015	12:29:39	P.T.

Manifest: 1183057
Vehicle ID: 07SHIR22

	Lbs	Tns
Gross:	83560	41.78
Tare:	25200	12.60
Net:	58360	29.18

Customer: AB ENVIROMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Facility Approval#: 153070896
Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin Materials & Services

Quantity Unit

Kings Soil Treatment Type II 29.18 Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____

Ceglarek, Lukasz

GENERATOR



11

in 10:07
out

Manifest # 1183057

GLOBAL JOB NUMBER: 137193

FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>SCA</u> <u>1401 Emmons Avenue</u> <u>Brooklyn NY 11235</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>631-680-3550</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Rosati Title: SPM
 Signature: [Signature] as agent Date and Time: 8/3/15

TRANSPORTER

Company: Sherley Phone Number: _____
 Address: 702 Ramsey Ave Hillsdale Truck # and License Plate: #22 AS 1241
 Driver: Luis Diaz SW Haulers Permit #: _____
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 8/3/15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 8/3/15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3/15

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000276061

	Date	Time	Scale
In:	8/3/2015	12:51:59	Scale CE
Out:	8/3/2015	12:52:36	P.T.

Manifest: 1183058
Vehicle ID: 07JLD1

	Lbs	Tns
Gross:	90140	45.07
Tare:	25860	12.93
Net:	64280	32.14

Customer: AB ENVIROMENTAL

Facility Approval#: 153070896

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin Materials & Services

Quantity Unit

Kings Soil Treatment Type II 32.14 Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____

Ceglarek, Lukasz



#12

in
out

Manifest # 1183058

GLOBAL JOB NUMBER: 137193

FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: SCA 1401 Emmons Avenue Brooklyn NY 11235	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: 631-680-3550	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Rosati Title: SPM
 Signature: [Signature] Date and Time: 8/3/15

TRANSPORTER

Company: Shirley Express LLC (SLO#1) Phone Number: _____
 Address: 202 Kausar Ave Philadelphia PA Truck # and License Plate: H01 45109D
 Driver: Smile L. SW Haulers Permit #: _____
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 8/3/15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 8/3/15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000276063

	Date	Time	Scale
In:	8/3/2015	12:55:27	Manual W
Out:	8/3/2015	12:55:40	P.T.

Manifest: 1183059
Vehicle ID: 07RLS17

	Lbs	Tns
Gross:	97520	48.76
Tare:	25740	12.87
Net:	71780	35.89

Customer: AB ENVIROMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Facility Approval#: 153070896
Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin Materials & Services

Quantity Unit

Kings Soil Treatment Type II 35.89 Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____

Ceglarek, Lukasz



13

in 10:47
out

Manifest # 1183059

GLOBAL JOB NUMBER: 137193

FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: SCA 1401 Emmons Avenue Brooklyn NY 11235	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: 631-680-3550	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Rosa Title: SPM
 Signature: [Signature] as agent Date and Time: 8/3/15

TRANSPORTER

Company: Shirley Express Phone Number: [Blank]
 Address: 702 Ransley AV Truck # and License Plate: AS 253C #17
 Driver: Ruber SW Haulers Permit #: [Blank]
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 8/3/15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 8/3/15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/7

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000276092

	Date	Time	Scale
In:	8/3/2015	13:23:09	Manual W
Out:	8/3/2015	13:23:23	P.T.

Manifest: 1183060
Vehicle ID: 07RLS48

	Lbs	Tns
Gross:	91700	45.85
Tare:	26380	13.19
Net:	65320	32.66

Customer: AB ENVIROMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Facility Approval#: 153070896
Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin Materials & Services

Quantity Unit

Kings Soil Treatment Type II 32.66 Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____
Gonzalez, Orlando

GENERATOR



14

in 11:03
out

Manifest # 1183060

GLOBAL JOB NUMBER: 137193 FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: SCA	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
1401 Emmons Avenue	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
Brooklyn NY 11235	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: 631-680-3550	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-Hazardous Soil

GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MICHAEL ROSA Title: SPM
 Signature: [Signature] Date and Time: 8/3/15

TRANSPORTER

Company: R/S SHIRLEY Phone Number: 48
 Address: RAMSEY AVE Hillside Truck # and License Plate: RE407C NJ
 Driver: LUIS KINGSLIE SW Haulers Permit #: _____ (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 8-3-15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 8-3-15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000276090

	Date	Time	Scale
In:	8/3/2015	13:21:16	Scale CE
Out:	8/3/2015	13:21:39	P.T.

Manifest: 1183061
Vehicle ID: 07SHIR4

	Lbs	Tns
Gross:	90740	45.37
Tare:	26000	13.00
Net:	64740	32.37

Customer: AB ENVIROMENTAL

Facility Approval#: 153070896

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin	Materials & Services	Quantity	Unit
--------	----------------------	----------	------

Kings	Soil Treatment Type II	32.37	Tns
-------	------------------------	-------	-----

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____
Gonzalez, Orlando

GENERATOR



#15 in 11:15 out

Manifest # 1183061

GLOBAL JOB NUMBER: 137193 FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret, Maryland, New Castle, Greater Washington, Philadelphia, North Jersey, Southeast Pennsylvania, Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: SCA, 1401 Emmons Avenue, Brooklyn NY 11235. GENERATOR'S PHONE: 631-680-3550. GROSS WEIGHT, TARE WEIGHT, NET WEIGHT.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION: Non-Hazardous Soil

GENERATOR'S CERTIFICATION - I hereby certify that the above named material does not contain free liquid... Name: Michael Basa, Title: SPM, Date and Time: 8/3/15

TRANSPORTER: Company: Shireloy Xpress LLC, Driver: Carlos, Date and Time: 8-3-15

DESTINATION: I hereby certify that the above named material was delivered without incident... Driver Signature: Carlos, Date and Time: 8-3-15

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000276114

	Date	Time	Scale
In:	8/3/2015	13:46:09	Scale CE
Out:	8/3/2015	13:46:47	P.T.

Manifest: 1183062
Vehicle ID: 07SHIR14

	Lbs	Tns
Gross:	84940	42.47
Tare:	26200	13.10
Net:	58740	29.37

Customer: AB ENVIROMENTAL

Generator: SCA
Gen Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Facility Approval#: 153070896
Job Name: SCA IS 98K
Job Address: 1401 Emmons Avenue
Brooklyn, NY 11235

Origin Materials & Services

Quantity Unit

Kings Soil Treatment Type II 29.37 Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: _____

Facility: _____

Gonzalez, Orlando

GENERATOR



#16

in 11:30
out

Manifest # 1183062

GLOBAL JOB NUMBER: 137193 FACILITY APPROVAL NUMBER: 153070896

Please Check One:

- Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909
- Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220
- Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633
- Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939
- Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520
- Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700
- Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: SCA 1401 Emmons Avenue Brooklyn NY 11235	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: 631-680-3550	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION
Non-Hazardous Soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Michael Rosati Title: SPM
 Signature: [Signature] as agent Date and Time: 8/3/15

TRANSPORTER

Company: SMITH EXPRESS Phone Number: _____
 Address: 202 RAMSEY AVE Truck # and License Plate: H14 AP7520WJ
 Driver: DEWIS T SW Haulers Permit #: _____
 (Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: DEWIS T Date and Time: 08-03-15

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: DEWIS T Date and Time: 08-03-15

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 8/3

GENERATOR