

Appendix E
Contamination and
Toxic Substances

-Final -
Phase I Environmental Site Assessment Report
For
Former Schmitt's Marina
96th Street between West 19th Road and West 20th Road
Queens, New York, 11693

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Prepared for:



Bureau of Environmental and Geotechnical Services
30-30 Thomson Avenue, Fifth Floor
Long Island City, New York 11101

Prepared by:



ATC Associates Inc.
104 East 25th Street, 10th Floor
New York, NY 10010
PROJECT NO. 015.38500.0058
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EXECUTIVE SUMMARY

On behalf of the New York City Department of Design and Construction (DDC), ATC Associates Inc. (ATC) conducted a Phase I Environmental Site Assessment (ESA) of the Former Schmitt's Marina property located along 96th Street between West 19th Road and West 20th Road, Queens, New York 11693 (hereinafter referred to as the Site). The proposed development of the Site is restoration as park land. The Site is identified as Block 15324, Lot 1; Block 15324, part of Lot 999; Block 15327, Lot 10; Block 15326, Lot 20; Block 15350, part of Lot 1. The Site is approximately 20.41 acres and is situated in an area primarily characterized by residential properties, parkland, wetlands, commercial properties and open water bodies. The Site was not identified as having a City Environmental Quality Review (CEQR) Declaration (also known as an "E" designation).

The Site consists of vacant vegetated and unvegetated land that was formerly utilized as Schmitt's Marina from at least 1975 through 2007 when it was acquired by the City of New York. The Site extends approximately 980 feet from West 19th Road in the north toward West Boulevard to the south and approximately 560 feet from Jamaica Bay to the west towards Cross Bay Boulevard to the east. The Site may be accessed from West 19th Road. There is a single-story office trailer located on the northern portion of the Site adjacent to the entrance along West 19th Road. There is a portion of an asphalt-paved parking lot located on the southeastern portion of the Site. There is a man-made ditch with flowing water that extends through the Site and leads to Jamaica Bay and an area located in the central portion of the Site that is delineated with concrete blocks and used for propane tank storage and construction debris. Boat crushing operations were performed in this area in May and June 2009. Approximately 254 boats were crushed on-Site in the aforementioned area delineated with concrete blocks and then removed and disposed of. Two small boats remained on-Site in areas of that were inaccessible at the time of the boat crushing operations. In addition, 98 drums were removed from the Site in March-April 2007. The remainder of the Site consists of vacant vegetated and unvegetated land. Historical information indicates that the Site was a marsh that had been filled in between 1900 and prior to 1954. The surrounding properties have been historically characterized by residential development, park land and wetlands, commercial properties and water bodies.

The main objective of the Phase I ESA is to identify recognized environmental conditions (RECs) that may affect the suitability of the Site, which is to be acquired by the New York City Department of Parks and Recreation (NYCDPR) from New York City Department of City Administrative Services (NYCDCAS) to create a park. Recognized environmental conditions are defined in American Society of Testing and Materials (ASTM) Standard Practice E 1527-05 as the presence or likely presence, use, or release on the Site of hazardous substances or petroleum products. The Phase I ESA also includes a preliminary evaluation of specific potential environmental issues or conditions that are, according to ASTM E 1527-05, considered non-scope considerations. These

issues include radon and methane. The Phase I ESA included a review of environmental agency databases and historical documents; visual observation of the Site and adjoining properties; and interviews with a Site representative.

In addition, the assessment was conducted for purposes of environmental due diligence in order to qualify for the innocent landowner defense under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). The Phase I ESA included, but was not limited to, an assessment of the following potential environmental issues: current and historical site usage; current and historical usage of adjoining properties; regulatory agency records review; on-site solid waste management and disposal practices; on-site hazardous materials and petroleum products management; wetlands; dry-cleaners; radon; and potential methane generating materials.

The Site was listed in the Resource Conservation and Recovery Act (RCRA) Small Quantity Generator (SQG), New York Manifest, and Facility Index System/Facility Identification Initiative Program Summary Report (FINDS) databases. The Site is identified in the database report as NYCDCAS – Schmitt's Marina located at 40 West 19th Road, Broad Channel, NY. The Site is listed on the RCRA SQG with no violations. Based on the absence of reported releases and violations, the RCRA SQG, New York Manifest, and FINDS listings for the Site is not considered to be a REC. The Site reconnaissance identified the presence of illegal dumping occurring on the Site consisting of solid waste (abandoned boats, construction and demolition debris, household debris, garbage and tires). In addition, the review of news articles indicated the owner of the former Schmitt's Marina was in a 20 year legal battle with the city to be evicted for potential illegal dumping activities and the filling-in of wetlands. The reviews of historical records revealed the potential presence of fill materials and methane generating materials at the Site and are considered to be environmental issues. One surrounding property, the open spill listing identified as Cross Bay Veteran Bridge (New York State Department of Environmental Conservation [NYSDEC] Spill Nos. 9208766 and 9102053) located approximately 220 feet and hydraulically upgradient, is considered a REC with respect to the Site. A former auto repair garage with gasoline tanks was depicted on the 1933 Sanborn map as adjacent to the east approximately 100 feet and hydraulically upgradient is considered a potential environmental concern with respect to the Site.

Summary of RECs and Potential Environmental Issues

The Phase I ESA has identified the following RECs and potential environmental issues:

On-Site

The Phase I ESA identified the following two on-Site RECs and four on-Site environmental issues that have the potential to affect conditions at the Site.

- Solid waste (abandoned boats, construction and demolition debris, household debris, garbage and tires) was identified during the Site reconnaissance. The presence of these materials and the historical illegal dumping activities are considered to be a REC.
- The former boat storage, aboveground storage tanks (ASTs), drum storage and marine batteries are considered to be a REC due to the potential for undocumented releases of petroleum and metals to the subsurface as a result of their historical presence at the Site.
- The presence of imported fill materials of unknown quality is considered to represent an environmental issue.
- The potential presence of peat and organic-rich materials below the imported fill, which have the potential to generate methane, is considered to represent an environmental issue.
- The review of National Wetlands Inventory (NWI) map identified a designated wetland located on the central portion of the Site. Jamaica Bay, adjacent to the west of the Site and vegetated land, adjacent to the west and southwest of the Site are designated as wetlands.
- Review of the Federal Emergency Management (FEMA) Flood Insurance Rate Map (FIRMs) for Community Panel #3604970377F, revised September 5, 2007 indicated that the Site is located within a 100-year flood zone designated as Zone AE with a base flood elevations determined to be 8 feet above mean sea level (msl) and 9 feet above msl.

Off-Site

The Phase I ESA identified the following one off-site REC and one off-site potential environmental concern that have the potential to affect conditions at the Site:

- The open, upgradient spill listing identified as Cross Bay Veteran Bridge (NYSDEC Spill Nos. 9208766 and 9102053) is considered to be a REC based on the description within the regulatory database which stated that the investigation that was performed for the tanks and contamination was inadequate to identify the existence of contamination.
- The review of fire insurance maps revealed the presence of an auto repair facility with gasoline tanks located adjacent to the east of the Site on the 1933 map. In subsequent years, the area of the auto repair facility was depicted as vacant land. The former auto repair facility is considered to represent a potential environmental concern to the Site.



Recommendations

ATC recommends that a Phase II Environmental Site Investigation (ESI) be performed to assess whether the identified REC and environmental issues have affected the suitability of the Site for restoration as park land.

1.0 INTRODUCTION

On behalf of the New York City Department of Design and Construction (DDC), ATC Associates Inc. (ATC) conducted a Phase I Environmental Site Assessment (ESA) of the Former Schmitt's Marina property located along 96th Street between West 19th Road and West 20th Road, Queens, New York (hereinafter referred to as the Site). According to the Environmental Data Resources, Inc. (EDR) database report, the Site address is identified as 40 West 19th Street. The Site is identified as Block 15324, Lot 1; Block 15324, part of Lot 999; Block 15327, Lot 10; Block 15326, Lot 20; Block 15350, part of Lot 1. The Site is approximately 20.41 acres and is situated in an area primarily characterized by residential properties, parkland, wetlands, commercial properties and open water bodies.

The Site is reportedly owned by the City of New York under the jurisdiction of the Department of Citywide Administrative Services (NYCDCAS). This Site is to be acquired by the New York City Department Parks and Recreation (NYCDPR) from NYCDCAS to create a park. The Site reconnaissance was performed on August 10, 2009 by Matthew Mankovich, Senior Project Manager of ATC, accompanied by Ms. Angela Sabet, Project Manager of DDC and Mr. Naeem Janjua of NYCDCAS. The weather at the time of the site reconnaissance was sunny with a temperature of 90 degrees Fahrenheit. A topographic Site Location Map is presented as Figure 1. An aerial photograph of the Site (Site Plan) is presented as Figure 2. Photographs taken during the site reconnaissance are presented in Appendix A.

1.1 *Purpose and Scope*

The purpose of this assessment is to identify Recognized Environmental Conditions (RECs) and certain other environmental issues or conditions as they existed at the Site at the time of the site reconnaissance. The assessment is intended to identify conditions that would have the potential to impact the value of the Site or the proposed development of the Site for restoration as park land. In addition, the assessment was conducted for purposes of environmental due diligence in order to qualify for the innocent landowner defense under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). The Phase I ESA included, but was not limited to, an assessment of the following potential environmental issues: current and historical site usage; current and historical usage of adjoining properties; regulatory agency records review; on-site solid waste management and disposal practices; on-site hazardous materials and petroleum products management; wetlands; dry-cleaners; asbestos-containing materials, polychlorinated biphenyl (PCB) management, radon; mold, and, potential methane generating materials.

This evaluation was conducted in accordance with the ASTM E 1527-05. The scope of work completed for this evaluation included the following:

- Documenting the physical characteristics of the Site through a review of available topographic, geologic, wetland, flood plain and groundwater data.
- Researching the Site history through a review of reasonably ascertainable standard sources such as fire insurance maps, city directories, aerial photographs, historical topographic maps and interviews.
- Documenting current Site conditions, via observations and interviews, regarding the presence or absence of hazardous substances/petroleum products; the generation, treatment, storage, or disposal of hazardous, regulated, or medical wastes; and, the presence of petroleum and chemical storage tanks (above and below ground).
- Determining the usage of adjoining and nearby properties to identify the likelihood for environmental conditions (if present and/or suspected) to migrate onto the Site.
- An evaluation of information contained within federal and state environmental databases and other local environmental records, within specific search distances.

In addition, the following environmental issues that are outside the scope of ASTM E 1527-05 were also evaluated:

- A review of available topographic maps and wetland maps to identify the potential presence of historic fill and historic water bodies at the Site or organic rich subsurface materials that have the potential to generate methane beneath the Site.
- A review of available radon data for the Site vicinity.

1.2 Deviations

The following deviations, data gaps and deletions from ASTM E 1527-05 were necessary in conducting this assessment:

- An environmental lien and Activity and Use Limitations (AULs) search was not performed as part of this Phase I ESA. Based on the current regulatory information and the historical information reviewed as part of this Phase I ESA, ATC does not consider the absence of the Environmental Lien report to represent a significant data gap.
- The western portion of the Site is not depicted on the Sanborn maps. Based on the other historical information reviewed as part of this Phase I ESA (i.e., topographic maps, aerial photographs, and city directories), ATC does not consider the absence of the limited Sanborn map coverage to represent a significant data gap.

1.3 Limitations

ATC has prepared this Phase I ESA using reasonable efforts in each phase of its work to identify RECs associated with hazardous substances, wastes and petroleum products at the Site. The methodology of the Phase I ESA is consistent with ASTM E 1527-05. Findings within this report are based on information collected from observations made on the day of the site investigation and from reasonably ascertainable information obtained from governing public agencies and private sources.

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

Regardless of the findings stated in this report, ATC is not responsible for consequences or conditions arising from facts that were concealed, withheld or not fully disclosed at the time that the evaluation was conducted.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

The regulatory database report provided is based on an evaluation of the data collected and compiled by a contracted data research company. The report focuses on the Site and neighboring properties that could impact the Site. Neighboring properties listed in government environmental records are identified within specific search distances. The search distance varies depending upon the particular government record being checked. The regulatory research is designed to meet the requirements of ASTM E 1527-05. The information provided in the regulatory database report is assumed to be correct and complete.

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

2.0 SITE DESCRIPTION

2.1 *Site Location and Description*

The Site is located along 96th Street between West 19th Road and West 20th Road in the Broad Channel section of Queens, New York. The Site, which extends approximately 980 feet from the northern to southern end and approximately 560 feet from the western to eastern end, is identified as Block 15324, Lot 1; Block 15326, Lot 20; Block 15327, Lot 10; and Block 15350, part of Lot 1 by the New York City Tax Assessor's Records. According to the New York City Department of City Planning (NYCDCP) zoning maps 30a and 30c, the Site is designated as R3-2 "Residential". The Site was not identified as having a City Environmental Quality Review (CEQR) Declaration (also known as an "E" designation).

There is a single-story office trailer located on the northern portion of the Site adjacent to the entrance along West 19th Road. There is a portion an asphalt-paved parking lot located on the southeastern portion of the Site and wetlands located on the eastern portion of the Site. The remainder of the Site consists of vacant vegetated and unvegetated land. There are no structures located on the Site. In addition, there is a man-made ditch with flowing water that extends through the Site and leads to Jamaica Bay. There is an area that is delineated with concrete blocks and used for propane tank storage and construction debris. According to Mr. Naeem Janjua, the New York City Department of Sanitation (DSNY) performed boat crushing operations in May and June 2009. The boats were crushed on-Site in the aforementioned area delineated with concrete blocks and then removed and disposed of. Several boats remained on-Site in areas of that were inaccessible at the time of the boat crushing operations. In addition, 98 drums were removed from the Site in March-April 2007.

Utilities at the Site consist of electricity provided by Consolidated Edison for the office trailer and light poles in the parking lot. There are no heating or cooling systems at the Site.

The Site is bound by West 19th Road to the north and residential development, wetlands, and vegetated land, Shad Creek Road, Cross Bay Boulevard and residential housing to the east, NYCDPR parkland to the south, and Gateway National Recreation Area and Jamaica Bay to the west. A topographic map showing the location of the Site is presented as Figure 1. An aerial photograph (Site Plan) showing the physical layout of the Site, including adjacent land use, is presented as Figure 2. Photographs of the Site and surrounding areas are included in Appendix A.

2.2 Physical Setting

2.2.1 Topography

Based on a review of the United States Geological Survey (USGS.) 7.5-Minute Quadrangle Map, Far Rockaway, NY, dated 1996, the elevation of the Site ranges from approximately 1 foot to approximately 5 feet above mean sea level (MSL). A copy of the topographic map is presented as Figure 1.

2.2.2 Geology

The Site is located in the Borough of Queens, New York within the Atlantic Coastal Plan physiographic province. The unconsolidated sediments at the Site consist of terminal moraine and glacial outwash deposits. These sediments, consisting of clay, sand, gravel, and boulders, are highly permeable and divided into two distinct units differentiated by interglacial sedimentary layers. The upper unit is generally referred to as the Upper Pleistocene deposits and consists of a heterogeneous mixture of unstratified material ranging in size from clay to cobbles and boulders. The underlying unit, the Jameco Gravel, consists of dark brown to gray beds of coarse sand and gravel inter-layered with cobbles and boulders. These unconsolidated deposits overlay the consolidated Hartland Formation, which consists of gray fine-grained quartz feldspar-kyanite and quartz-biotite-hornblende. Unconsolidated deposits are approximately 300 feet thick at the Site.

According to the United States Department of Agriculture Soil Survey as reported in the Environmental Data Resources, Inc. (EDR) database report, soils in the vicinity of the Site are classified as mucky-peat from 0 – 18 inches, hemic material from 18 – 42 inches, and sapric material from 42 – 62 inches. Other soil types in the surrounding area are identified as loamy sand and gravelly – loamy sand. Naturally occurring soils in the area beneath the urban land soils consist of glacial outwash characterized by coarse to fine sand.

2.2.3 Hydrology

Based on the surface topography at the Site, groundwater flow is assumed to be variable and primarily flow in southerly, easterly, and westerly directions, towards Jamaica Bay. Jamaica Bay is influenced by tidal fluctuations.

Based on the presence of Jamaica Bay and wetlands, groundwater at the Site is anticipated to be approximately 1 to 5 feet below grade. Groundwater levels and/or flow direction may vary due to seasonal fluctuations in precipitation, tidal fluctuations, local usage demands, geology, underground structures, or dewatering operations. ATC observed no evidence of active or inactive water supply wells at the Site.

Stormwater runoff originating from the Site is discharged via surface runoff to Jamaica Bay or to storm drains located in West 19th Road, West 20th Road and the parking lot.

The U.S. Department of the Interior, Fish & Wildlife Service's National Wetlands Inventory (NWI) Map (Far Rockaway Quadrangle, 1980) indicates that the central portion of the Site is designated as a wetland – E2EM5P (Estuarine, Intertidal, Emergent, Phragmites australis, Irregularly Flooded). Vegetated land located adjacent to the west and southwest of the Site, is designated as wetlands – E2EM5N (Estuarine, Intertidal, Emergent, Phragmites australis, Regularly Flooded) and E2FLM (Estuarine, Intertidal, Flat, Irregularly Exposed). A copy of the NWI Map is presented in Appendix B.

Review of the Federal Emergency Management (FEMA) Flood Insurance Rate Map (FIRMs) for Community Panel #3604970377F, revised September 5, 2007 indicated that the Site is located within a 100-year flood zone designated as Zone AE with a base flood elevations determined to be 8 feet above msl and 9 feet above msl. A copy of the FIRM is attached in Appendix C.

2.2.4 Radon

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

The New York State Department of Health (NYSDOH) maintains a database of radon test results on a local and county level. According to the 2008 NYSDOH Measured Basement Screening Radon Levels, the average Radon Screening Concentration is 1.26 picocuries per liter (pCi/L) for Queens County, New York. The area radon information reviewed indicates that the Site is in an area classified as Zone 3 (Low Potential) where the average indoor concentration of radon is less than 2 pCi/L, which is less than the United States Environmental Protection Agency (USEPA) Action Level of 4.0 pCi/L. As such, ATC concludes that it is unlikely that elevated levels of radon gas are present at the Site. Radon is not considered to be a REC to the Site.

3.0 ADJOINING PROPERTIES

The Site vicinity is characterized by wildlife preserves, parkland, wetlands, construction sites, commercial properties and water bodies. The following table summarizes the adjoining property uses:

Direction	Facility Name/Description	Current Use
North (across West 19 th Road)	61 West 19 th Road / Canal / Residential Development	Residential / Water Body
East	22 – 56 West 19 th Road	Residential
	11 – 25 West 20 th Road	Residential
	Vegetated Land	Vegetated Land (a former auto repair facility was depicted on the 1933 Sanborn map adjacent to the east and approximately 100 feet from the eastern extension of the Site).
South	NYCDPR Park	Park land
West	Jamaica Bay	Water body
	Gateway National Recreation Area	Vegetated Land, Park land and Wetlands

The surrounding properties are not considered RECs based on their current usage. However, the presence of the former auto repair facility is considered to be a potential environmental concern with respect to the Site.

4.0 HISTORICAL USE RESEARCH

Historical topographic maps, aerial photographs, Sanborn Maps, and city directories provide an assessment of the Site's historical use.

4.1 Land Title Records and Tax Records

ATC did not review Land Title Records as part of the Phase I ESA. Sanborn Maps, historical aerial photographs, historical topographic maps, and city directories provide an assessment of the Site's historical use.

4.2 Historical Topographic Maps

ATC reviewed available historical USGS Topographic Quadrangles provided by EDR for information regarding past uses of the Site. The Site was depicted as part of Big Egg Marsh, part of Jamaica Bay in 1900. The 1947 topographic map identifies that the Site has been filled in and is depicted as vacant land and some of the surrounding areas have been filled in and are no longer marshlands. The 1954 topographic map depicts a small structure located on the western Site boundary and the remainder of the Site as vacant land. The 1969 topographic map depicts the Site as vacant land. Copies of the historical USGS topographic maps are included in Appendix D.

Year	Comments
1900	Site: The Site is depicted as Big Egg Marsh. Elevation is at or slightly above sea level Surrounding Properties: Surrounding properties consisted of marshland and Jamaica Bay.
1947	Site: The marshland has been filled in and the Site is depicted as vacant land. West 19 th Road and West 20 th Road are depicted in the area. Surrounding Properties: The surrounding properties to the north are depicted with small structures and built up roads; to the east are small structures and Cross Bay Boulevard, beyond which is Jamaica Bay; to the south is vacant land, one large structure and three small structures, beyond which is Jamaica Bay, and to the west is Big Egg Marsh and Jamaica Bay.
1954	Site: There is a small structure located on the western Site boundary along Jamaica Bay and the remainder of the Site is depicted as vacant land. Surrounding Properties: There is an increase in development to the north and east. The remainder of the surrounding properties appear relatively unchanged from the 1947 topographic map.
1969	Site: The structure that was previously identified on the western portion of the Site along Jamaica Bay is no longer present. The Site is depicted as vacant land. Surrounding Properties: The surrounding properties appear relatively unchanged from the 1954 topographic map.

The review of historical USGS Topographic Quadrangles did not indicate RECs at the Site and surrounding areas. ATC concludes that the placement of imported fill materials is considered to represent an environmental issue to the Site. The prior presence of

marshland on the Site suggests that peat and organic rich materials exist below the imported fill and have the potential to generate methane, which is considered to represent an environmental issue to the Site.

4.3 Historical Aerial Photographs

ATC reviewed aerial photographs of the Site and surrounding areas provided by EDR in order to identify historical land use that may have involved hazardous substances and petroleum products. These photographs ranged from 1954 to 2006. The following table summarizes descriptions and interpretations from the aerial photograph reviews:

Year	Comments
1954	<p>Site: There appears to be several small structures located on the northwestern portion of the Site along Jamaica Bay. Due to the scale and clarity of the map, it is difficult to ascertain the type and use of these structures. The remainder of the Site consists of vacant vegetated and unvegetated land.</p> <p>Surrounding Properties: Surrounding properties to the north and east are developed with residential houses. West 19th Road is located to the north and West 20th Road and Cross Bay Boulevard are located to the east. The surrounding properties to the south consist primarily of vacant vegetated and unvegetated land. There is one large structure and three smaller structures located to the south. Marshland is located to the southwest and Jamaica Bay is located to the west.</p>
1966	<p>Site: The Site appears relatively unchanged from the 1954 aerial photograph. There appears to be a few more structures on the northeastern portion of the Site; however, due to the scale and clarity of the map, it is difficult to ascertain the type and use of these structures.</p> <p>Surrounding Properties: The surrounding properties appear relatively unchanged from the 1954 aerial photograph.</p>
1975	<p>Site: The Site appears developed with one large rectangular structure and several structures located along Jamaica Bay on the western and northwestern portions of the Site. The development is located between West 19th Road and West 20th Road. The remainder of the Site appears relatively unchanged from the 1966 aerial photograph.</p> <p>Surrounding Properties: The surrounding properties appear relatively unchanged from the 1966 aerial photograph.</p>
1985	<p>Site: The Site development appears unchanged from the 1975 aerial photograph; however, due to the scale and clarity it is difficult to ascertain the type and use of the identified structures. There is a boat dock present in Jamaica Bay adjacent to the Site.</p> <p>Surrounding Properties: The surrounding properties appear relatively unchanged from the 1975 aerial photograph.</p>
1994	<p>Site: The Site development appears to extend further to the south and east than the previous aerial photographs; however, due to the scale and clarity it is difficult to ascertain the type and use of the identified structures.</p> <p>Surrounding Properties: The surrounding properties appear relatively unchanged from the 1985 aerial photograph.</p>
2006	<p>Site: The Site consists of a large building and several structures and unpaved land on the western, northern and central portions of the Site. The Site appears consistent with the use as Schmitt's Marina. The remainder of the Site consists of vegetated land.</p> <p>Surrounding Properties: The surrounding property to the south consists of parkland with two baseball fields where previously discussed structures were located. The remainder of the surrounding properties appear relatively unchanged from the 1994 aerial photograph.</p>

The review of aerial photographs did not indicate RECs at the Site and surrounding areas.

Copies of the aerial photographs are included in Appendix E.

4.4 Sanborn Fire Insurance Maps

A search for historical Sanborn fire insurance maps for the Site and adjoining properties was conducted by EDR. There is no coverage available for the eastern portion of the Site along Jamaica Bay. The following table presents descriptions and interpretations from historical fire insurance map review.

Year	Comments
1933	<p>Site: The western portion of the Site is depicted as vacant land. There is no coverage available for the remainder of the Site.</p> <p>Surrounding Properties: The surrounding properties to the north are depicted with several dwellings and vacant land and the canal. 19th Road is depicted to the north and 20th Road to the east. The surrounding properties to the east are depicted with several dwellings, vacant land, a building labeled carousel, a dwelling and an auto repair building. The auto repair building is depicted with four gasoline tanks.</p>
1950	<p>Site: Site appears unchanged from the 1933 map.</p> <p>Surrounding Properties: The surrounding properties to the east are depicted with a building labeled carousel and dwelling located along 20th Road and an additional dwelling and a building labeled miscellaneous storage. The building labeled carousel, a dwelling and the auto repair building identified on the 1933 map are not depicted. The toll booth located on Cross Bay Boulevard is present. The remaining surrounding properties appear relatively unchanged from the 1933 map.</p>
1981	<p>Site: Site appears unchanged from the 1950 map.</p> <p>Surrounding Properties: There is a building labeled lockers, a warehouse, and a small building located to the north of the Site where a dwelling was previously located. There is an addition to the building previously labeled miscellaneous storage located to the east of the Site. These buildings are labeled "P" indicating Public or Institutional. In addition, there is a shed located to the east of the Site. The remaining surrounding properties appear relatively unchanged from the 1950 map.</p>
1983, 1986 – 1993	<p>Site: Site appears unchanged from the 1981 map.</p> <p>Surrounding Properties: The surrounding properties appear relatively unchanged from the 1981 map.</p>
1994	<p>Site: Site appears unchanged from the 1983 – 1993 maps.</p> <p>Surrounding Properties: The building labeled carousel along 20th Road and the shed located to the east of the Site are no longer depicted. The remaining surrounding properties appear relatively unchanged from the 1983 – 1993 maps.</p>
1995, 1996	<p>Site: The Site appears unchanged from the 1994 map.</p> <p>Surrounding Properties: The surrounding properties appear relatively unchanged from the 1994 map.</p>
1999	<p>Site: Site appears unchanged from the 1995, 1996 maps.</p> <p>Surrounding Properties: The two Public or Institutional buildings that were located to the east of the Site are no longer depicted. The remaining surrounding properties appear relatively unchanged from the 1995, 1996 maps.</p>
2001 – 2006	<p>Site: The Site appears unchanged from the 1999 map.</p> <p>Surrounding Properties: No significant development or changes from the 1999 map.</p>

The review of fire insurance maps did not indicate evidence of RECs at the Site. The review of the fire insurance maps revealed the presence of an auto repair facility with gasoline tanks located to the east of the Site on the 1933 map. In subsequent years, the area of the auto repair facility was depicted as vacant land. The former auto repair facility is considered to represent a potential environmental concern to the Site.

A copy of the historical Sanborn Fire Insurance Maps is included in Appendix F.

4.5 City Directories

City Directories identify historical land uses at the Site and adjacent area by listing the tenants at each address. ATC contracted EDR to review The Metropolitan Directory Co., The New York Telephone, R.L. Polk and Co., NYNEX Information Resource Company, Cole Information Services and Hill-Donnelly Information Services for the Site and surrounding area in order to identify historical land uses that may have involved hazardous substances and/or petroleum products. The Metropolitan Directory Co. coverage included coverage for the year 1922. The R.L. Polk Co. Directory included coverage for the year 1934. The New York Telephone included coverage for the years 1939, 1945, 1950, 1962, 1967, 1970, 1976 and 1983. NYNEX Information Resource Company included coverage for the years 1991 and 1996. Cole Information Services included coverage for the year 2000. Hill-Donnelly Information Services included coverage for the year 2005. The city directory did not identify any listings for the Site. The following table summarizes descriptions from the city directory review.

Year	Comments
1922	Site: The Site address/block and lots not listed. Surrounding Properties: Surrounding property addresses were identified as residential.
1934	Site: The Site address/block and lots not listed. Surrounding Properties: Surrounding property addresses were identified as residential.
1939	Site: The Site address/block and lots not listed. Surrounding Properties: Surrounding property addresses were identified as residential.
1945	Site: The Site address/block and lots not listed. Surrounding Properties: Surrounding property addresses were identified as residential.
1959	Site: The Site address/block and lots not listed. Surrounding Properties: Surrounding property addresses were identified as residential.
1962	Site: The Site address/block and lots not listed. Surrounding Properties: Surrounding property addresses were identified as residential.
1967	Site: The Site address/block and lots not listed. Surrounding Properties: Surrounding property addresses were identified as residential.
1970	Site: The Site address/block and lots not listed. Surrounding Properties: Surrounding property addresses were identified as residential.
1976	Site: The Site address/block and lots not listed. Surrounding Properties: Surrounding property addresses were identified as residential.
1983	Site: The Site address/block and lots not listed. Surrounding Properties: Surrounding property addresses were identified as residential.
1991	Site: The Site address/block and lot not listed. Surrounding Properties:



Year	Comments
	23 West 20 th Road – Broad Channel Land Co. The remaining surrounding property addresses were identified as residential.
1996	Site: The Site address/block and lot not listed. Surrounding Properties: Surrounding property addresses were not listed. 76 19 th Road – Elmjack Little League 78 19 th Road – The Young Adult Inst & Workshop Hostel 31 20 th Road – Keystone Electronics 18 West 18 th Street – Episcopal Mission Society 36 West 19 th Road – Channel Oil Inc. 20 West 20 th Road – Broad Channel Athletic Club Field House 64 West 20 th Road – Channel Marine Sales W The remaining surrounding property addresses were identified as residential.
2000	Site: The Site address/block and lot not listed. Surrounding Properties: 40 20 th Road – “43 rd St INTS FROM ND ST INTS FROM” 43 West 19 th Street – Channel Oil Inc. 64 West 20 th Road – Channel Marine Sales The remaining surrounding property addresses were identified as residential.
2005	Site: The Site address/block and lot not listed. Surrounding Properties: 64 West 19 th Road – Doctors Telephone Answering 64 West 20 th Road – Channel Marine Sales Inc. The remaining surrounding property addresses were identified as residential.

The review of city directories identified no listings for the Site. The review identified primarily residential listings for the surrounding properties from 1922 through 2005 and several commercial listings in 1991, 1996, 2001, and 2005. The review of city directories did not indicate RECs at the Site and surrounding areas.

4.6 Prior Reports

ATC was provided the following reports for review:

- Site Investigation for The Schmitt's Marina prepared by Louis Berger and Assoc., P.C. (LBA) dated May 15, 2009. The report documents an inventory of the boats that were previously located on-Site. According to the report, there were 274 boats dry docked throughout the Site. In addition, LBA observed debris throughout the Site, including aboveground storage tanks (ASTs), propane tanks, and 26 12-volt marine batteries. The boats were summarized into three categories based on type (inboard motors, outboard motors, sail boats). Subsequent to preparing the summary of the boats, LBA performed a fuel tank inventory. Once the boats and fuel tanks were inventories, evacuation of remaining reasonably-accessible, residual fluids in boat motors was initiated. LBA concluded that 123 boats were found to be inaccessible due to the configuration of the motor or the position of the boat and therefore may contain residual fluids. The other 151 boats were reasonably-accessible and were evacuated to the extent possible. A total of 4,770 gallons of fluid and 26, 12-volt marine batteries were removed from the Site. LBA recommended that without dismantling the motors, there will remain a minimal amount of residual oil within the

boats hosing inboard motors. The report stated to prevent further contamination of the Site, LBA recommended that a form of spill containment be used while crushing the boats in order to minimize the potential of subsurface impacts due to residual fluids that were unable to be evacuated. The report stated that the type of spill containment should be designed and implemented based on the planned New York City Department of Sanitation (DSNY) boat crushing operations. The report further states, should a property transaction or development of the Site ensure, LBA recommended that a subsurface investigation be performed to find, delineate and remediate any contaminants that may have impacted soil or groundwater within the Site area due to the environmental concerns observed during Site activities.

- Limited Hazardous Materials Investigation Report for Schmitt's Marina prepared by LiRo Engineers, Inc. dated May 4, 2007. The report documents the assessment and sampling of potential hazardous materials located on the ground surface at the Site. In three separate visits from March to April, a total of 99 drums were observed on-Site. Forty-seven (47) of the drums were observed to contain oil, one drum contained rainwater and some debris and 51 drums were observed to be empty. Additional potentially hazardous materials observed at the Site included lead-acid marine batteries, abandoned and privately owned boats, waste oil in buckets, boat motors, outdrives, aboveground storage tanks, junk vehicles, paints, cleaning products and various chemical-based retail products sold at the marina store. The drums were pre-characterized and samples were analyzed for volatile organic compounds, (VOCs), semi-volatile organic compounds (SVOCs), PCBs and Toxic Characteristic Leach Procedure (TCLP) parameters, hazardous waste characteristics, total petroleum hydrocarbons (including petroleum fingerprint analysis), and total organic halides. Based on the analysis results, the drums were characterized as three general waste streams:
 - Used fuel: four drums categorized as hazardous waste based on ignitability and toxicity;
 - Used oil mixed with fuel: 21 drums classified as a recyclable oil Universal Waste; and
 - Used oil mixed with water: 22 drums categorized as non-hazardous used oil mixed with water.

In addition to the drums, LiRo also identified items of concern which included two (2) active 550-gallon ASTs and three (3) inactive 275-gallon ASTs, batteries, 5-gallon pails of oil in open containers and scrap boats, vehicles and the associated parts. LiRo reportedly observed a drainage ditch cut through fill material along the southern end of the Site. LiRo stated that the fill material appeared to be construction and demolition (C&D) debris containing large quantities of broken glass, plastic and wood. LiRo stated that based on these observations and alleged unauthorized filling activities at the Site, subsurface investigations are warranted to evaluate potential soil and groundwater contamination.

A copy of the prior reports can be found in Appendix H.

5.0 REGULATORY AGENCY RECORD REVIEWS

The databases discussed in this section, provided by EDR, were reviewed for information regarding documented and/or suspected releases of regulated hazardous substances and/or petroleum products on or near the Site. ATC also reviewed the “unmappable” (also referred to as “orphan”) listings within the database report, cross-referencing available address information and facility names. Unmappable sites are listings that cannot be plotted with confidence, but are identified as being located within the general area of the Site based on the partial street address, city name, or zip code. In general, a listing cannot be mapped due to inaccurate or incomplete address information in the database that was supplied by the corresponding regulatory agency. Listings from the unmappable summary which were identified by ATC as a result of the area reconnaissance and/or cross-referencing to mapped listings are included in the corresponding database discussion within this section. A copy of the federal and state agency regulatory database is presented in Appendix I.

5.1 Federal and State Regulatory Agency Database Reviews

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

Federal and State List	Site Address Appears on List	Search Radius*	No. of Sites within Search Radius	Last Updated
National Priorities List for Federal Superfund Cleanup (NPL)	No	1 Mile	0	11/19/2009
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)	No	1/2 Mile	0	12/8/2008
CERCLIS No Further Remedial Action Planned (CERC-NFRAP)	No	1/2 Mile	0	2/20/2008
Resource Conservation and Recovery Information System – Treatment, Storage or Disposal Facilities (RCRIS-TSD)/RCRIS Corrective Action Activity (CORRACTS)	No	1 Mile	0	3/16/2009 10/16/2008
Resource Conservation and Recovery Information System – Generators/Transporters (RCRIS Gen/Trans)	Yes	1/4 Mile	1	3/16/2009
Facility Index System/Facility Identification Initiative Program Summary Report (FINDS)	Yes	Site	1	7/1/2008
Emergency Response Notification System (ERNS)	No	Site	0	3/17/2008
Hazardous Substance Waste Disposal Site Inventory (HSWDS)	No	1 Mile	0	11/30/2006



Federal and State List	Site Address Appears on List	Search Radius*	No. of Sites within Search Radius	Last Updated
State Inactive Hazardous Waste Sites (SHWS)	No	1 Mile	1	12/11/2008
Solid Waste/Landfills Facilities Sites (SWF/LF)	No	1/2 Mile	2	3/12/2009
New York State Spills Information (NY Spills)/Leaking Underground Storage Tanks (LTANKS)	No	1/8 mile / 1/2 Mile	4 / 6	3/12/2009
Petroleum Bulk Storage Tanks (USTs/ASTs)	No	1/4 Mile /Site	0 / 0	3/9/2009
Chemical Bulk Storage Tanks (USTs/ASTs)	No	1/4 Mile	0	3/12/2009
New York Manifest	Yes	1/4 Mile	2	3/12/2009
Registered Dry Cleaners	No	1/4 Mile	0	7/29/2004
Manufactured Gas Plants	No	1 Mile	0	N/A
Toxic Release Inventory System (TRIS)	No	Site	0	4/18/2008
New York Voluntary Cleanup Agreements (NY VCP) / Brownfield Cleanup Program (BCP)	No	1 Mile	0	12/11/2008

The Site is identified on the Resource Conservation and Recovery Act (RCRA) Small Quantity Generator (SQG), New York Manifest, and Facility Index System/Facility Identification Initiative Program Summary Report (FINDS) databases. The Site is identified in the database report as NYCDCAS – Schmitt's Marina located at 40 West 19th Road, Broad Channel, NY. The Site is listed on the RCRA SQG with no violations. The hazardous waste summary identifies the following United States Environmental Protection Agency (EPA) waste codes: D008 (lead), D012 (endrin), D014 (methoxychlor), D018 (benzene). The New York Manifest database reveals that 85 gallons of an unreported waste code was removed from the Site in 2008. A search of the FINDS listing is not required for compliance with the ASTM Standard for Phase I ESA, and generally indicates that the Site may be listed on another regulatory database. The FINDS listing may also indicate references to out-of-date listings for the Site. According to the database, the FINDS listing is related to "RCRA Info." Based on the absence of reported releases and violations, the RCRA SQG, New York Manifest, and FINDS listings for the Site is not considered to be a REC.

The following subsections provide a discussion of the properties which have been identified within the search radius and listed in the table:

National Priorities Listing (NPL) – Environmental Protection Agency Superfund

The United States Environmental Protection Agency (USEPA) National Priorities Listing (NPL), or Superfund List, is a Federal listing of uncontrolled or abandoned hazardous waste sites. The list is created from the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) database (see next subsection) and is primarily based upon a score that each site or facility receives from the USEPA's Hazard Ranking System. After a site or facility has been identified as a CERCLIS site, the USEPA conducts an assessment of the property. The ranking score associated with the degree of contamination found is one of the determinations made as to whether the site is placed on the NPL. These sites are then prioritized for possible long-term remedial action and referred to the state for further action under state programs.

Neither the Site nor other facilities within a one-mile radius are listed on the NPL database.

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

The CERCLIS list is a compilation of records from a nationwide database created to maintain and regulate those facilities or sites that the USEPA has investigated or will investigate for suspected or uncontrolled releases of hazardous substances, contaminants or pollutants as reported by states, municipalities, private companies and private citizens under the CERCLA or the Superfund Program. Once a site is placed on the CERCLIS list, it may be subjected to several additional levels of evaluation to determine the severity of the contamination. These levels of evaluation range from discovery and preliminary assessment to site inspection, and possibly to the Hazard Ranking System. Such a determination could ultimately place the site under consideration for inclusion on the NPL. Inclusion on the CERCLIS list does not confirm the presence of an environmental problem or a public health threat.

Neither the Site nor other facilities within a one-half mile radius are listed on the CERCLIS database.

CERCLIS No Further Remedial Action Planned (CERC-NFRAP)

The CERC-NFRAP is a database that provides a list of sites that have been removed from the CERCLIS database. Following the initial investigation, sites are removed from the CERCLIS database because no contamination was found, or contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious and did not require Federal Superfund action or NPL consideration.

Neither the Site nor any other facilities within a one-half mile radius of the Site are listed in the CERCLIS database.

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

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

Neither the Site nor other facilities within a one-mile radius are identified on the RCRIS-TSD or the CORRACTS databases.

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

This list includes operations that generate or transport hazardous waste, which must obtain a hazardous waste generator identification number or transporter permit.

As discussed above, the Site is listed on the RCRA SQG database. No other facilities within a one-quarter mile radius are identified on the RCRIS Gen/Tans databases.

Facility Index System/Facility Identification Initiative Program Summary Report (FINDS)

The Facility Index System/Facility Identification Initiative Program Summary Report (FINDS) contains facility information from several databases including the Federal Permit Compliance System Wastewater Discharges database, the USEPA Civil Enforcement Docket, and the New York State Air Discharge database.

As discussed above, the Site is listed in the FINDS database.

Emergency Response Notification System (ERNS)

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

The Site is not listed on the ERNS database.

Hazardous Waste Disposal Site Inventory (HSWDS)

The Hazardous Waste Disposal Site Inventory database includes any known or suspected hazardous waste disposal sites.

Neither the Site nor other facilities within a one-mile radius are listed on the HSWDS database.



State Inactive Hazardous Waste Sites (SHWS)

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

The Site is not listed on the SHWS database. The SHWS database identified London-French Dry-Cleaning Co. within one-mile radius of the Site. The site is located at 86-15 Rockaway Beach Boulevard, Rockaway, NY 11694 approximately 4,566 feet to the southeast and hydraulically downgradient of the Site. The review of the database reveals that an investigation performed in 2000 identified high levels of tetrachloroethene (PCE), trichloroethene (TCE), cis 1,2-dichloroethene (DCE) and vinyl chloride in the groundwater beneath the Site. Reportedly, the site is being addressed under the Voluntary Cleanup Program under site V00620. It was reported that the remedial investigation has demonstrated that the contamination is not beyond the site border. Based on the regulatory status, description, distance and downgradient location, this SHWS site is not considered to be a REC.

Solid Waste/Landfill Facilities (SWF/LF)

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

Neither the Site nor other facilities within a one-half mile radius are listed on the SWF/LF database.

New York State Spills Information Database (NY Spills)/Leaking Underground Storage Tanks (LTANKS)

The NY Spills and LTANKS databases were researched to identify listings within one-half mile of the Site, spill cases that were listed as open cases, or listings that were identified as RECs. The NY spills database search identified four listings located within a one-eighth mile radius of the Site and six LTANKS incidents within a one-half mile radius of the Site. The NY Spills/LTANKS that are considered RECs based on proximity to their quantity, status as active or closed, and assumed hydraulic gradient relative to the site, are listed in the table. A total of three spill cases were identified at the one site and are summarized below.

Listing	Map ID	Distance/ Direction	Assumed Hydraulic Gradient	Status/Available Data
Cross Bay Veteran Bridge	B4, B5, B6	< 1/8 Mile East	Upgradient	Spill Case No. 9208766 and 9102053. A tank test failure of an unreported size gasoline tank was reported on October 29, 1992. NYSDEC accepted the MTA Bridges and Tunnel's Work Plan to perform further investigatory actions to address any of NYSDEC's concerns related to the prior spill investigations. The spill was originally closed and consolidated under a



Listing	Map ID	Distance/ Direction	Assumed Hydraulic Gradient	Status/Available Data
				similar spill number. The memorandum stated that the investigation that was performed for the tanks and contamination was inadequate to identify the existence of contamination. It was stated in the database report that the spill is being re-opened and needs further investigation.

No listings were identified at the Site. Of the 10 reported NY Spills and LTANKS listings, nine have been granted closed status with the NYSDEC. Based on their closed status, these nine listings are not considered RECs.

The site is identified as Cross Bay Veteran Bridge (NYSDEC Spill Nos. 9208766 and 9102053). The open, upgradient spill listing is considered to be a REC.

Petroleum Bulk Storage Tanks (USTs/ASTs)

The NYSDEC petroleum bulk storage (PBS) tank database was researched to identify listings for the Site and properties located within one-quarter mile from the Site.

Neither the Site nor other facilities within a one-quarter mile radius of the Site are identified on the Underground Storage Tank (UST) or Aboveground Storage Tank (AST) database.

Chemical Bulk Storage Tanks (USTs/ASTs)

The NYSDEC Chemical Bulk Storage (CBS) Tanks List includes a list of facilities that store regulated hazardous substances in USTs of any size and ASTs greater than 185-gallons in capacity.

Neither the Site nor other facilities within a one-quarter mile radius of the Site are identified on the CBS UST or AST database.

New York Manifest

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

As discussed above, the Site is listed in the manifest database. The database revealed the presence of one New York Manifest facility located within one-quarter mile radius from the Site. The facility is identified as Consolidated Edison located approximately 400 feet to the north-northeast and hydraulically crossgradient of the Site. The New York Manifest database reveals that 150 kilograms of an unreported waste code was removed from the Site in 2009. The Site is not listed on the RCRIS Gen/Trans databases or the NY Spills database. Based on the absence of the reported violations and releases and

since the facility is not identified on the RCRIS Gen/Trans database, the facility is not considered to be a REC.

Registered Dry Cleaners (NYSDEC)

The list of registered dry cleaners, compiled by the NYSDEC, identifies dry cleaning facilities within one-quarter mile radius of the Site.

Neither the Site nor other facilities located within a one-quarter mile radius were identified on the NYSDEC Registered Dry Cleaners database.

Manufactured Gas Plants

Neither the Site nor other facilities located within a one mile radius were identified on the Manufactured Gas Plants database.

Toxic Release Inventory System (TRIS)

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

The Site is not listed on the TRIS database.

New York Voluntary Cleanup Agreements (NY VCP)/ Brownfield Cleanup Program (BCP)

The voluntary remedial program uses private monies to remediate contaminated sites and return them to productive use. The program covers nearly every kind of contamination.

Neither the Site nor other facilities located within a one-half mile radius were identified on the New York Voluntary Cleanup Agreements (NY VCP)/Brownfield Cleanup Program (BCP) database.

5.2 Local Regulatory Agency Research

Additional federal, state and local records sources were reviewed to supplement information obtained through review of standard environmental record sources. The additional records and sources consulted in conjunction with this Phase I ESA are listed below. Copies of correspondence to and received from these record sources are included in Appendix J.

5.2.1 United States Environmental Protection Agency (USEPA)

A Freedom of Information Act (FOIA) on-line request dated August 14, 2009 was filed with the USEPA to determine if they hold records pertaining to the Site. ATC received two response letters indicating no records found.

5.2.2 New York State Department of Environmental Conservation (NYSDEC)

A Freedom of Information Act Letter (FOIL) dated August 14, 2009 was filed with the NYSDEC to determine if they hold records pertaining to the Site. As of the preparation of this report, no response has been received. Upon receipt of a response, ATC will review the response and, if conclusions contained within this report are affected, ATC will submit an addendum to the DDC.

5.2.3 New York City Department of Buildings (NYCDOB)

NYCDOB records were reviewed on August 17, 2009 to determine whether there were references to buildings, tanks or other structures, property usage or inspection reports that may have indicated the presence, past use, or release of hazardous substances, wastes or petroleum products at the Site.

The review NYCDOB records identified the following available information:

Block 15324, Lot 1 – 40 West 19th Road.

- Resolved complaint received on April 27, 2006 that stated that down the block there is a vacant lot and person is using the lot to store vehicles such as cars and boats illegally.
- Open Environmental Control Board (ECB) violation issued on April 22, 2005 – Illegal use in a residential district. Property is being used for and as a boat yard and marina.
- A demolition permit was filed on November 28, 2008, issued on January 16, 2009 and signed off on February 10, 2009. The job description is listed as demolition of existing structure.

5.2.4 New York City Department of Environmental Protection (NYCDEP)

A FOIL dated August 14, 2009 was filed with the NYCDEP to determine if the NYCDEP holds records pertaining to the Site. As of the preparation of this report, no response has been received. ATC received a response from the NYCDEP Division of Pollution Control and Monitoring indicating no records found.

5.2.5 New York City Department of Health (NYCDOH)

A FOIL dated August 14, 2009 was filed with the NYCDOH to determine if the NYCDOH had any records pertaining to the Site. As of the preparation of this report, no response has been received. Upon receipt of a response, ATC will review the response and, if conclusions contained within this report are affected, ATC will submit an addendum to this report.



5.2.6 New York City Fire Department (FDNY)

A Fire Department Record Search Request regarding tanks stored and/or removed at the Site, the history of leaks, and pending violation orders was made on March 24, 2009. ATC received a response letter indicating no records found.

6.0 SITE RECONNAISSANCE AND INTERVIEWS

The site reconnaissance was conducted on August 10, 2009 by Mr. Matthew Mankovich of ATC, who was accompanied by Ms. Angela Sabet of DDC and Mr. Naeem Janjua of NYCDCAS. The weather was sunny with an approximate temperature of 90 degrees Fahrenheit. A site walkthrough was conducted on Site and visual observations of existing conditions were made.

The Site extends approximately 980 feet from the northern to southern end and approximately 560 feet from the western to eastern end. There is a single-story office trailer located on the northern portion of the Site adjacent to the entrance along West 19th Road. There is a portion an asphalt-paved parking lot located on the southeastern portion of the Site. There is a man-made ditch with flowing water that extends through the Site and leads to Jamaica Bay and an area located in the central portion of the Site that is delineated with concrete blocks and used for propane tank storage and construction debris. According to Mr. Naeem Janjua, DSNY performed boat crushing operations in May and June 2009. The boats were crushed on-Site in the aforementioned area delineated with concrete blocks and then removed and disposed of. The remainder of the Site consists of vacant vegetated and unvegetated land.

The Site can be accessed from West 19th Road. The Site reconnaissance identified the presence of several abandoned boats, construction and demolition debris, household debris, garbage, and tires located throughout the Site. Based on the presence of these materials throughout the Site, it is reasonable to conclude that solid waste materials which could adversely impact soil and groundwater at the Site have been illegally dumped from the historical Site operations. Therefore, ATC considers the presence of these materials and the historical illegal dumping activities to be a REC for the Site.

At the time of the site reconnaissance, it was noted that portions of the Site were being cleared of vegetation by DSNY. According to Mr. Naeem Janjua, DSNY performed boat crushing operations in May and June 2009. The boats were crushed on-Site and then removed and disposed of. Additionally, the review of the LBA report identified 274 boats that were dry docked throughout the Site and other debris consisting of ASTs, propane tanks, and 26 12-volt marine batteries. The report inventoried the fuel storage within the boats. ATC considers the former boat storage and the crushing operations, ASTs, and marine batters to be a REC for the Site.

The Site is bound by West 19th Road to the north and residential development, wetlands, and vegetated land, Shad Creek Road, Cross Bay Boulevard and residential housing to the east, NYCDPR parkland to the south, and Jamaica Bay and Gateway National Recreation Area to the west.

Photographs of the Site reconnaissance are provided in Appendix A.



Site Interview

A Phase I ESA User Questionnaire used to obtain information that may assist in the completion of all appropriate inquiry in accordance with ASTM Standard Practice E1527-05 was submitted to Ms. Angela Sabet of the DDC. The questionnaire was completed by Naeem Janjua of NYCDCAS and Jose Lopez of NYCDPR. The review of the User Questionnaire indicated that the Site was used as Boat storage/Marina and that there are wetlands on-Site. Information provided in the User Questionnaire does not constitute a REC with respect to the Site. The User Questionnaire is included in Appendix H. In addition, the review of a news article indicated that the former owner of the Former Schmitt's Marina was arrested for dumping untreated raw sewage into Jamaica Bay.

A copy of the news article can be found in Appendix H or on-line at http://www.rockawave.com/news/2008/1003/front_page/001.html.

7.0 FINDINGS

The Phase I ESA has revealed the following findings:

The Site was identified as Big Egg Marsh, part of Jamaica Bay from 1900 through at least 1933. The 1947 topographic map identifies that the Site has been filled in and is depicted as vacant land and some of the surrounding areas have been filled in and are no longer marshlands. The review of the 1954 aerial photograph shows several small structures located on the northwestern portion of the Site along Jamaica Bay in the area that has been historically used as Schmitt's Marina. The aerial photographs depict this area with structures from 1954 through 2006 and expanding to the south and west through the years. The 2006 aerial photograph depicts the Site with structures, unpaved land and vegetated land that appears consistent with the former use as Schmitt's Marina.

This Phase I ESA identified the following REC and on-site environmental issues that have the potential to affect conditions at the Site:

- The Site reconnaissance identified the presence of two small abandoned boats, construction and demolition debris, household debris, garbage, and tires located throughout the Site. Based on the presence of these materials throughout the Site, it is reasonable to conclude that solid waste materials which could adversely impact soil and groundwater at the Site have been illegally dumped from the historical Site operations. Therefore, ATC considers the presence of these materials and the historical illegal dumping activities to be a REC for the Site.
- At the time of the site reconnaissance, it was noted that portions of the Site were being cleared of vegetation by DSNY. According to Mr. Naeem Janjua, DSNY performed boat crushing operations in May and June 2009. The boats were crushed on-Site and then removed and disposed of. Additionally, the review of the LBA report identified 274 boats that were dry docked throughout the Site and other debris consisting of ASTs, propane tanks, and 26 12-volt marine batteries. The report inventoried the fuel storage within the boats. ATC considers the former boat storage, ASTs, and marine batteries to be a REC for the Site.
- The review of the Limited Hazardous Materials Investigation Report for Schmitt's Marina prepared by LiRo Engineers, Inc. dated May 4, 2007 identified former drum storage of used oil, used oil mixed with fuel and used oil mixed with water associated with the former marina. In addition, the report discussed two (2) active 550-gallon ASTs and three (3) inactive 275-gallon ASTs, batteries, 5-gallon pails of oil in open containers and scrap boats, vehicles and the associated parts, and construction and demolition debris as items of concern. ATC considers the former drum storage, ASTs, batteries, scrap boats, vehicles and associated parts to be a REC for the Site.

- The review of historical topographic maps indicates the placement of imported fill materials of unknown quality at the Site, which is considered to represent an environmental issue to the Site.
- The review of historical topographic maps indicates that, prior to the placement of imported fill materials, the Site consisted of Big Egg Marsh. The potential presence of peat and organic-rich materials, which have the potential to generate methane, is considered to represent an environmental issue to the Site.
- According to the database, there is one open NY Spills listing that is located approximately 140 feet to the east and hydraulically upgradient of the Site. The site is identified as Cross Bay Veteran Bridge (NYSDEC Spill Nos. 9208766 and 9102053). A tank test failure of an unreported size gasoline tank was reported on October 29, 1992. According to the NYSDEC memorandum within the database report, NYSDEC accepted the MTA Bridges and Tunnel's Work Plan to perform further investigatory actions to address any of NYSDEC's concerns related to the prior spill investigations. The spill was originally closed and consolidated under a similar spill number. The memorandum stated that the investigation that was performed for the tanks and contamination was inadequate to identify the existence of contamination. It was stated in the database report that the spill is being re-opened and needs further investigation. The open, upgradient spill listing is considered to be a REC.
- The review of fire insurance maps revealed the presence of an auto repair facility with gasoline tanks located to the east of the Site on the 1933 map. In subsequent years, the area of the auto repair facility was depicted as vacant land. The former auto repair is considered to represent a potential environmental concern to the Site.
- The review of NWI map identified a designated wetland located on the central portion of the Site. Jamaica Bay, adjacent to the west of the Site and vegetated land, adjacent to the west and southwest of the Site are designated as wetlands.
- Review of the FEMA FIRMs for Community Panel #3604970377F, revised September 5, 2007 indicated that the Site is located within a 100-year flood zone designated as Zone AE with a base flood elevations determined to be 8 feet above msl and 9 feet msl.

8.0 CONCLUSIONS AND RECOMMENDATIONS

ATC has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05. The Site is located along 96th Street between West 19th Road and West 20th Road, Queens, New York 11693 and identified as Block 15324, Lot 1; Block 15324, part of Lot 999; Block 15327, Lot 10; Block 15326, Lot 20; Block 15350, part of Lot 1. According to the EDR database report, the Site address is identified as 40 West 19th Street. Any additions to, exceptions to, or deletions from this practice are described in Section 1.2 of this report.

The Phase I ESA has identified the following RECs and potential environmental issues:

On-Site

The Phase I ESA identified the following two on-Site RECs and four on-Site environmental issues that have the potential to affect conditions at the Site.

- Solid waste (abandoned boats, construction and demolition debris, household debris, garbage and tires) was identified during the Site reconnaissance. The presence of these materials and the historical illegal dumping activities are considered to be a REC to the Site.
- The former boat storage, aboveground storage tanks (ASTs), drum storage and marine batteries are considered to be a REC due to the potential for undocumented releases of petroleum and metals to the subsurface as a result of their historical presence at the Site.
- The presence of imported fill materials of unknown quality is considered to represent an environmental issue to the Site.
- The potential presence of peat and organic-rich materials below the imported fill, which have the potential to generate methane, is considered to represent an environmental issue to the Site.
- The review of NWI map identified a designated wetland located on the central portion of the Site. Jamaica Bay, adjacent to the west of the Site and vegetated land, adjacent to the west and southwest of the Site are designated as wetlands.
- Review of the FEMA FIRMs for Community Panel #3604970377F, revised September 5, 2007 indicated that the Site is located within a 100-year flood zone designated as Zone AE with a base flood elevations determined to be 8 feet above msl and 9 feet above msl.

Off-Site

The Phase I ESA identified the following one off-site REC and one off-site potential environmental concern that have the potential to affect conditions at the Site:

- The open, upgradient spill listing identified as Cross Bay Veteran Bridge (NYSDEC Spill Nos. 9208766 and 9102053) is considered to be a REC based on the description within the regulatory database which stated that the investigation that was performed for the tanks and contamination was inadequate to identify the existence of contamination.
- The review of fire insurance maps revealed the presence of an auto repair facility with gasoline tanks located adjacent to the east of the Site on the 1933 map. In subsequent years, the area of the auto repair facility was depicted as vacant land. The former auto repair facility is considered to represent a potential environmental concern to the Site.

Recommendations

ATC recommends that a Phase II ESI be performed to assess whether the identified REC and environmental issues have affected the suitability of the Site for restoration as park land.

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

ATC has performed a Phase I ESA of the Former Schmitt's Marina property located along 96th Street between West 19th Road and West 20th Road, Queens, New York. The scope of the Phase I ESA was consistent with the ASTM Standard Practice E 1527-05. Additions to, exceptions to, or deletions from this practice are described in Section 1.2 of this report. Signatures of the Environmental Professionals who participated in conducting this Phase I ESA are provided below. Qualifications for these individuals are provided in Appendix K.

Report Prepared By:



Matthew Mankovich
Senior Project Manager

Report Reviewed By:



Michael Abramowitz
Environmental Division Manager

10.0 REFERENCES

Persons Interviews:

- Angela Sabet, Environmental Team Leader, New York City Department of Design and Construction, August 10, 2009.
- Naeem Janjua, Project Manager, New York City Department of City Administrative Services, August 10, 2009.

Resources Consulted:

- Environmental Data Resources, Inc. (EDR), Radius Map Report with Geocheck, Schmitt's Marina – Task #6403, 96th Street between West 19th and West 20th Roads, Queens, NY. August 7, 2009.
- EDR, Aerial Photo Decade Package: 1954, 1966, 1975, 1985, 1994 and 2006.
- EDR, Historical Topographic Maps: 1900, 1947, 1954, and 1969.
- EDR, City Directories: 1922, 1934, 1939, 1945, 1959, 1962, 1967, 1970, 1976, 1983, 1991, 1996, 2000 and 2005.
- EDR, Sanborn Fire Insurance Maps: 1933, 1950, 1981, 1983, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1999, 2001, 2002, 2003, 2004, 2005 and 2006.

Regulatory Agencies Contacted:

- New York City Department of Buildings, August 17, 2009.
- New York City Fire Department, August 14, 2009.
- New York City Planning and Zoning Department, August 17, 2009.
- New York City Tax Assessor Office, August 17, 2009.
- New York City Department of Environmental Protection, August 14, 2009.
- New York City Department of Health, August 14, 2009.
- New York State Department of Environmental Conservation, August 14, 2009.
- United States Environmental Protection Agency, August 14, 2009.
- New York City Department of City Planning, August 17, 2009.

Documents and Maps:

- American Society for Testing and Materials (ASTM) 2005, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Designation E 1527-05.
- U.S. Geological Survey, 7.5-Minute Quadrangle Series, Far Rockaway, New York, 1999.

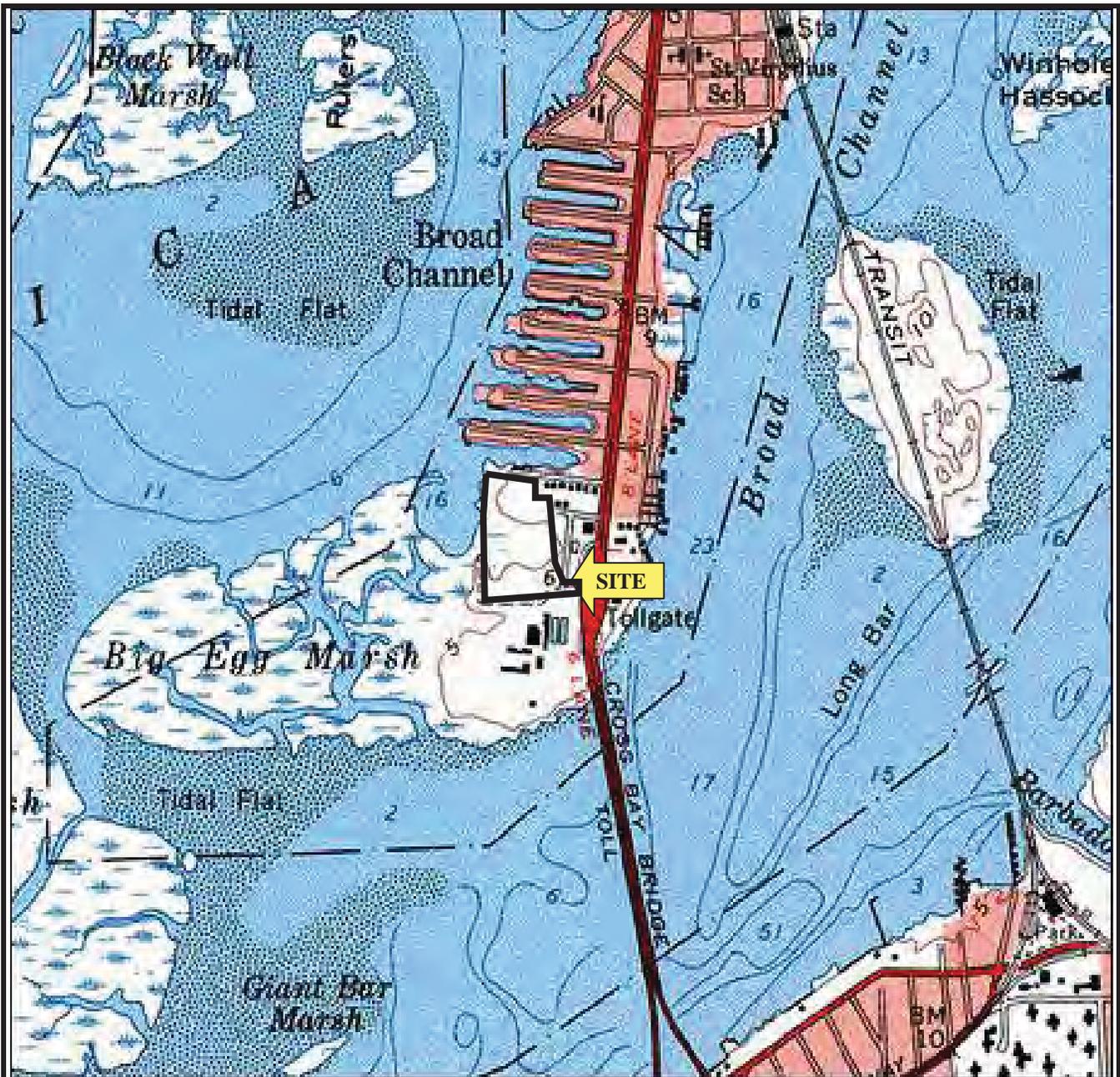
- U.S. Department of Interior, National Wetlands Inventory Map, Far Rockaway, New York Quadrangle, 1980.
- Groundwater in Bronx, New York, Richmond Counties with Summary Data on Kings and Queens Counties, New York City, New York: Bulletin GW-32. Water Power and Control Commission, U.S. Geological Survey in Cooperation with New York State Department of Environmental Conservation, Nathaniel M. Perlmutter and Theodore Arnow, 1953.
- Geology and Engineering Geology of the New York Metropolitan , Field Trip Guide, American Geophysical Union, Baskerville, C.A., July 1989.
- http://www.rockawave.com/news/2008/1003/front_page/001.html
- Limited Hazardous Materials Investigation Report for Schmitt's Marina prepared by LiRo Engineers, Inc. dated May 4, 2007.
- Site Investigation for Scmitt's Marina prepared by Louis Berger and Assoc., P.C. (LBA) dated May 15, 2009.



FIGURES

FIGURE 1 – TOPOGRAPHIC SITE LOCATION MAP

FIGURE 2 – SITE PLAN



Printed from TOPO! ©2001 National Geographic Holdings (www.topo.com)

		FIGURE 1 – TOPOGRAPHIC SITE LOCATION MAP
		<p>PROJECT NAME: Former Schmitt's Marina – 96th Street between West 19th Road and West 20th Road BOROUGH, STATE: Queens, NY ATC PROJECT NO. : 015.38500.0058 DDC REGISTRATION CONTRACT NO. : 20090016802 DDC PROJECT NO. : BEGS2007005 DDC WORK ORDER NO. : 6403-ATC-6174</p>
<p>TOPO! ©2001 National Geographic Holding</p>		



*Please note that the aerial is outdated and Site is currently vacant.



FIGURE 2 – SITE PLAN

PROJECT NAME: Former Schmitt's Marina – 96th Street between West 19th Road and West 20th Road

BOROUGH, STATE: Queens, NY

ATC PROJECT NO. : 015.38500.0058

DDC REGISTRATION CONTRACT NO. : 20090016802

DDC PROJECT NO. : BEGS2007005

DDC WORK ORDER NO. : 6403-ATC-6174



APPENDICES



New York City Department of Design and Construction
Final Phase I Environmental Site Assessment Report
Former Schmitt's Marina
96th Street between West 19th Road and West 20th Road, Queens, New York

APPENDIX A

SITE RECONNAISSANCE PHOTOGRAPHS



Photograph #1: View of the one-story office trailer located on the northern portion of the Site.



Photograph #2: View of the northwestern portion of the Site, looking northwest.



Photograph #3: View of the central portion of the Site, looking southwest.



Photograph #4: View of the northwestern portion of the Site along Jamaica Bay, looking north.



Photograph #5: View of the northern portion of the Site, looking northeast.



Photograph #6: View of the southern portion of the Site, looking south from the central portion of the Site.



Photograph #7: View of vegetated land located on the eastern portion of the Site.



Photograph #8: Additional view of the central portion of the Site.



Photograph #9: Additional view of the eastern portion of the Site.



Photograph #10: View of the northeastern portion of the Site.



Photograph #11: Additional view of the Site.



Photograph #12: View of the parking lot located on the southeastern portion of the Site.



Photograph #13: View of man-made ditch with flowing water.



Photograph #14: View of abandoned boats and household debris.



Photograph #15: View of construction and demolition debris.



Photograph #16: View of the debris and discarded tire.



Photograph #17: View of construction debris.



Photograph #18: View of a discarded boat and garbage.



Photograph #19: View of debris located within the vegetated land on the eastern portion of the Site.



Photograph #20: View of construction and demolition debris, a concrete slab, and a portion of the dock located on the western portion of the Site.



Photograph #21: View of Jamaica Bay located adjacent to the west.



Photograph #22: View of West 19th Road looking west.



Photograph #23: View of residential houses located to the north of the Site.



Photograph #24: View of residential housing located to the east of the Site.



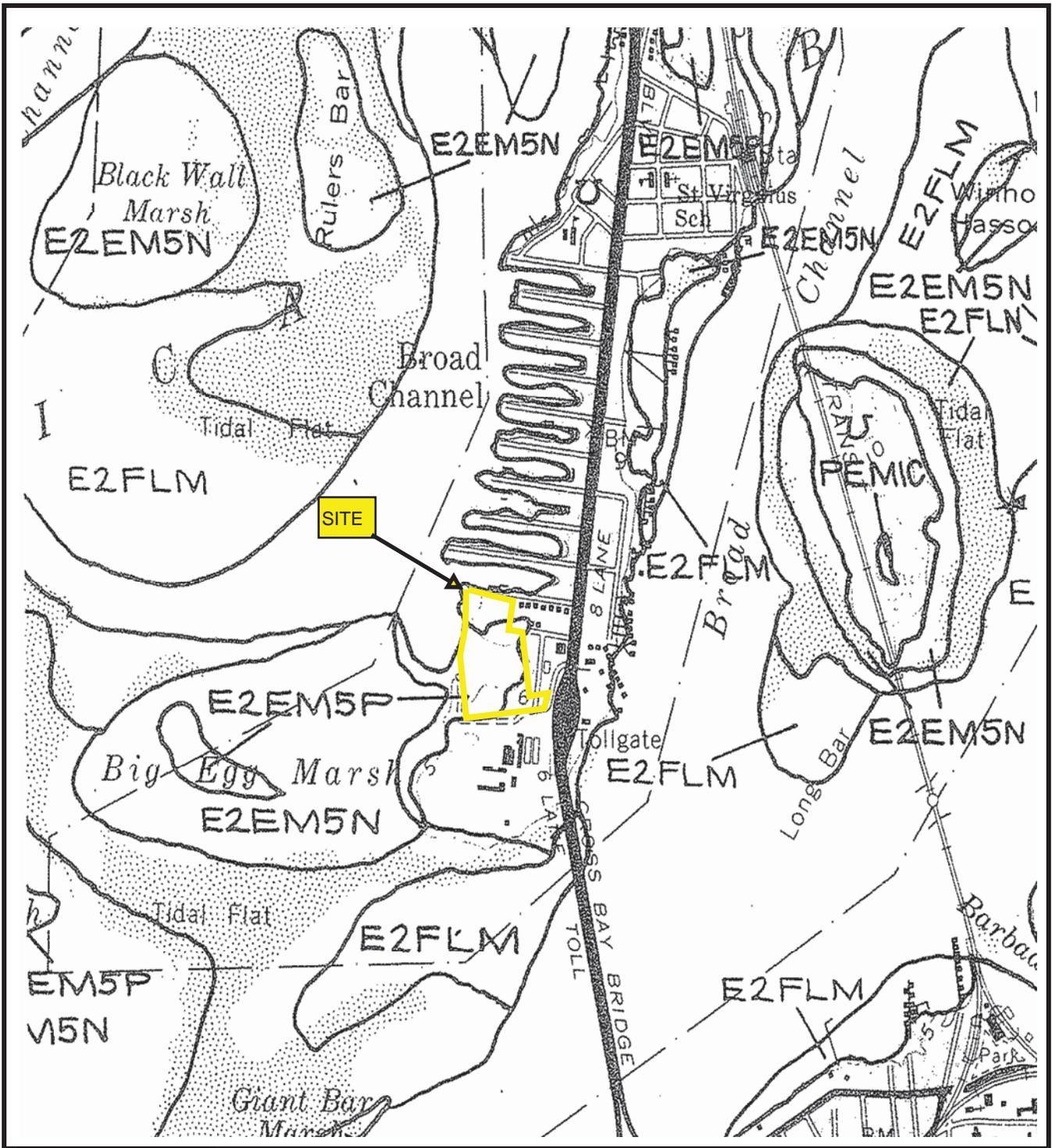
Photograph #25: View of Shad Creek Road.



Photograph #26: View of the toll booth building for the Cross Bay Boulevard Bridge located to the east of the Site.



APPENDIX B
NEW YORK STATE WETLANDS MAP



Far Rockaway Quadrangle, 1980

Appendix B – NWI Wetlands Map

PROJECT NAME: Former Schmitt’s Marina – 96th Street between West 19th Road and West 20th Road

BOROUGH, STATE: Queens, NY

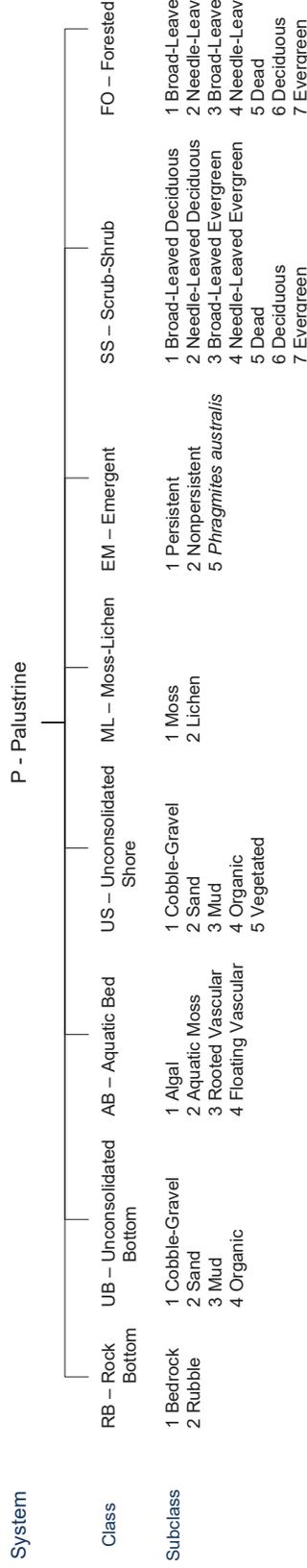
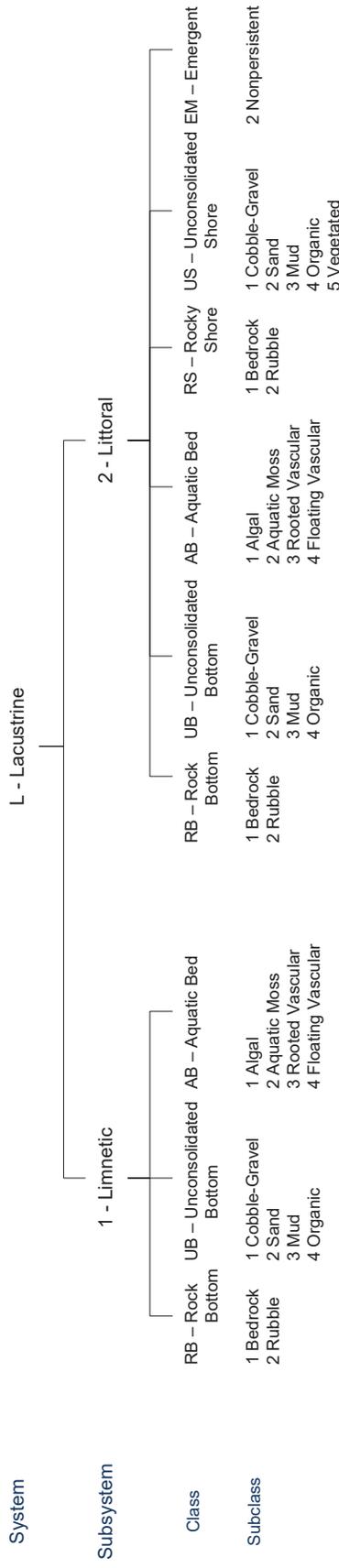
ATC PROJECT NO. : 015.38500.0058

DDC REGISTRATION CONTRACT NO. : 20090016802

DDC PROJECT NO. : BEGS2007005

DDC WORK ORDER NO. : 6403-ATC-6174

WETLANDS AND DEEPWATER HABITATS CLASSIFICATION



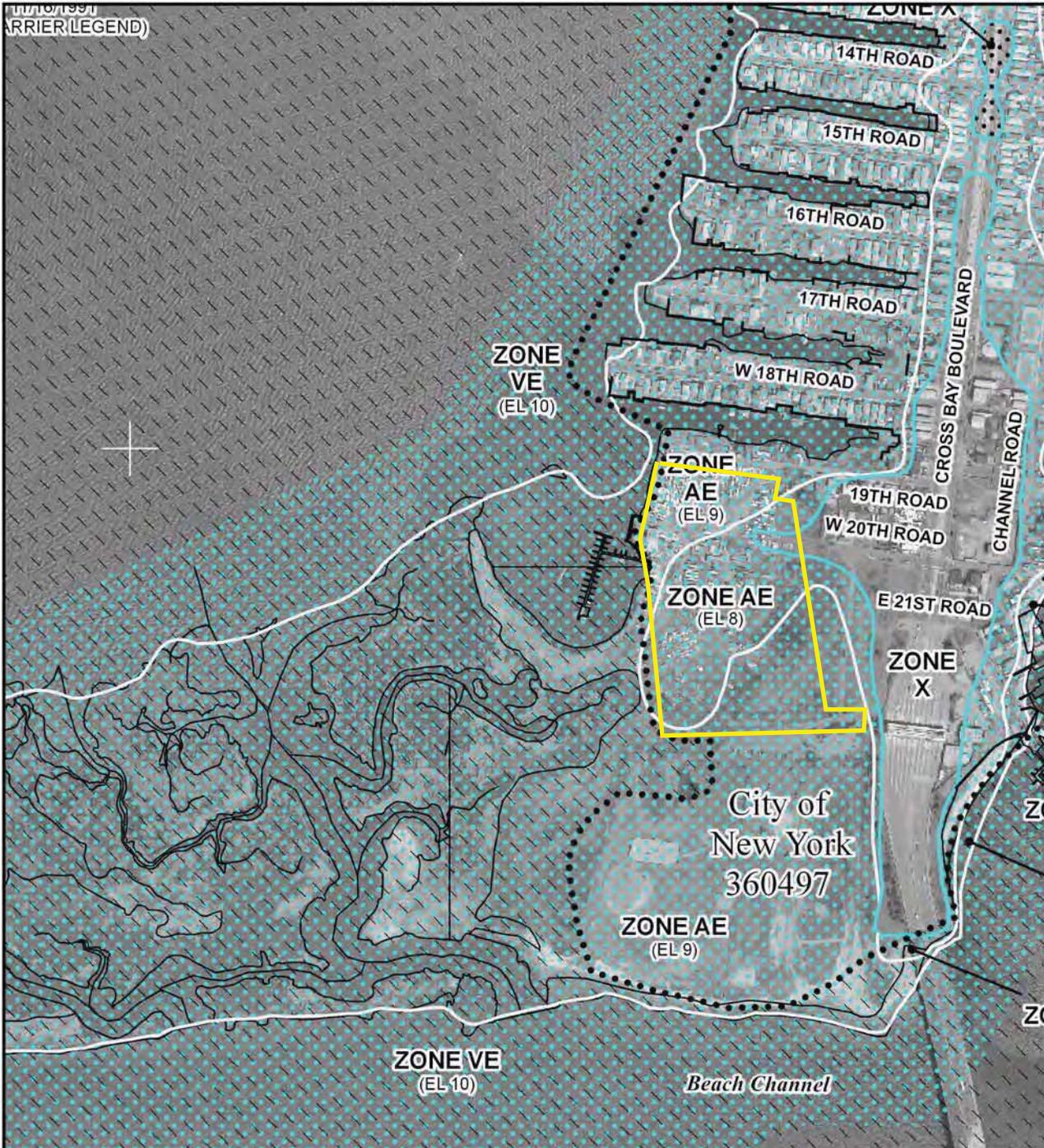
		MODIFIERS			
		Water Regime		Water Chemistry	
		In order to more adequately describe the wetland and deepwater habitats, one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.			
		Special Modifiers		Soil	
		Water Regime		Water Chemistry	
		Nontidal	Saltwater Tidal	Freshwater Tidal	all Fresh Water
A	Temporarily Flooded	L Subtidal	M Irregularly Exposed	S Temporarily Flooded-Tidal	g Organic
B	Saturated	N Regularly Flooded	P Irregularly Flooded	R Seasonally Flooded-Tidal	n Mineral
C	Seasonally Flooded	P Irregularly Flooded/Saturated	T Semipermanently Flooded-Tidal	T Semipermanently Flooded-Tidal	t Circumneutral
E	Seasonally Flooded/Saturated	F Semipermanently Flooded	G Intermittently Exposed	V Permanently Flooded-Tidal	I Alkaline
F	Saturated	H Permanently Flooded	J Intermittently Flooded	K Artificially Flooded	0 Fresh
G	Temporarily Flooded				7 Hypersaline
H	Seasonally Flooded				8 Eusaline
J	Temporarily Flooded				9 Mixosaline
K	Artificially Flooded				0 Fresh



APPENDIX C

FEMA FLOOD INSURANCE MAP

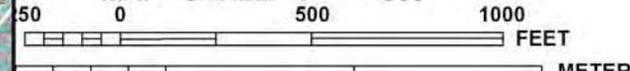
11/10/1997
BARRIER (LEGEND)



Flood insurance is available in this community, contact your local National Flood Insurance Program at 1-800-638-6620.



MAP SCALE 1" = 500'



NFIP

PANEL 0377F

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

CITY OF
NEW YORK,
NEW YORK
BRONX, RICHMOND, NEW YORK,
QUEENS, AND KINGS COUNTIES

PANEL 377 OF 457

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
NEW YORK, CITY OF	360497	0377	F

-NOTE-

THIS MAP INCLUDES COASTAL BARRIER RESOURCES SYSTEM BOUNDARIES ESTABLISHED UNDER THE COASTAL BARRIER RESOURCES ACT OF 1982 AND/OR SUBSEQUENT LEGISLATION.

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
3604970377F

MAP REVISED
SEPTEMBER 5, 2007

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

599^{000m}E JOINS PANEL 0379

LEGEND



SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

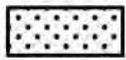
The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.



FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.



OTHER FLOOD AREAS

- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.



OTHER AREAS

- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary

0.2% annual chance floodplain boundary

Floodway boundary

Zone D boundary

CBRS and OPA boundary

Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

Base Flood Elevation line and value; elevation in feet*
(EL 987)

Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the National Geodetic Vertical Datum of 1929

Cross section line

Transect line

87°07'45", 32°22'30" Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere

76°00'N 1000-meter Universal Transverse Mercator grid values, zone 18

600000 FT 5000-foot grid ticks; New York State Plane coordinate system, Long Island zone (FIPSZONE 3104), Lambert Conformal Conic projection

DX5510 x Bench mark (see explanation in Notes to Users section of this FIRM panel)

● M1.5 River Mile

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

INITIAL NFIP MAP DATE
June 28, 1974

FLOOD HAZARD BOUNDARY MAP REVISIONS
June 11, 1976

FLOOD INSURANCE RATE MAP EFFECTIVE
November 16, 1983

FLOOD INSURANCE RATE MAP REVISIONS
September 5, 2007 - to update map format, to change Special Flood Hazard Areas, and to reflect updated topographic information
May 16, 1992 - to add otherwise protected areas

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



APPENDIX D

HISTORICAL TOPOGRAPHIC MAPS



Schmitts Marina - Task #6403

96th Street between West 19th and West 20th Roads
Queens, NY 11693

Inquiry Number: 2557812.4
August 06, 2009

The EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

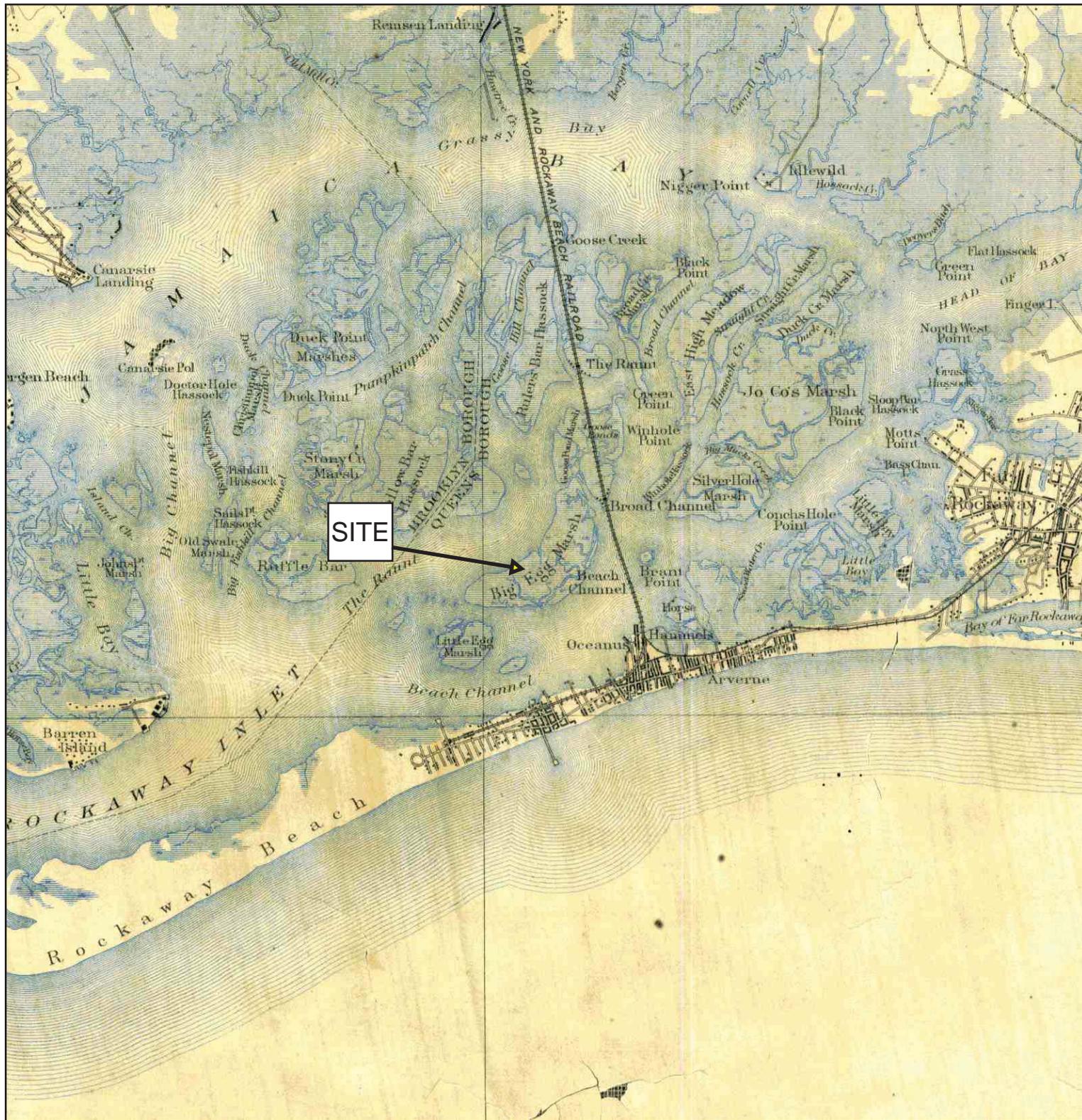
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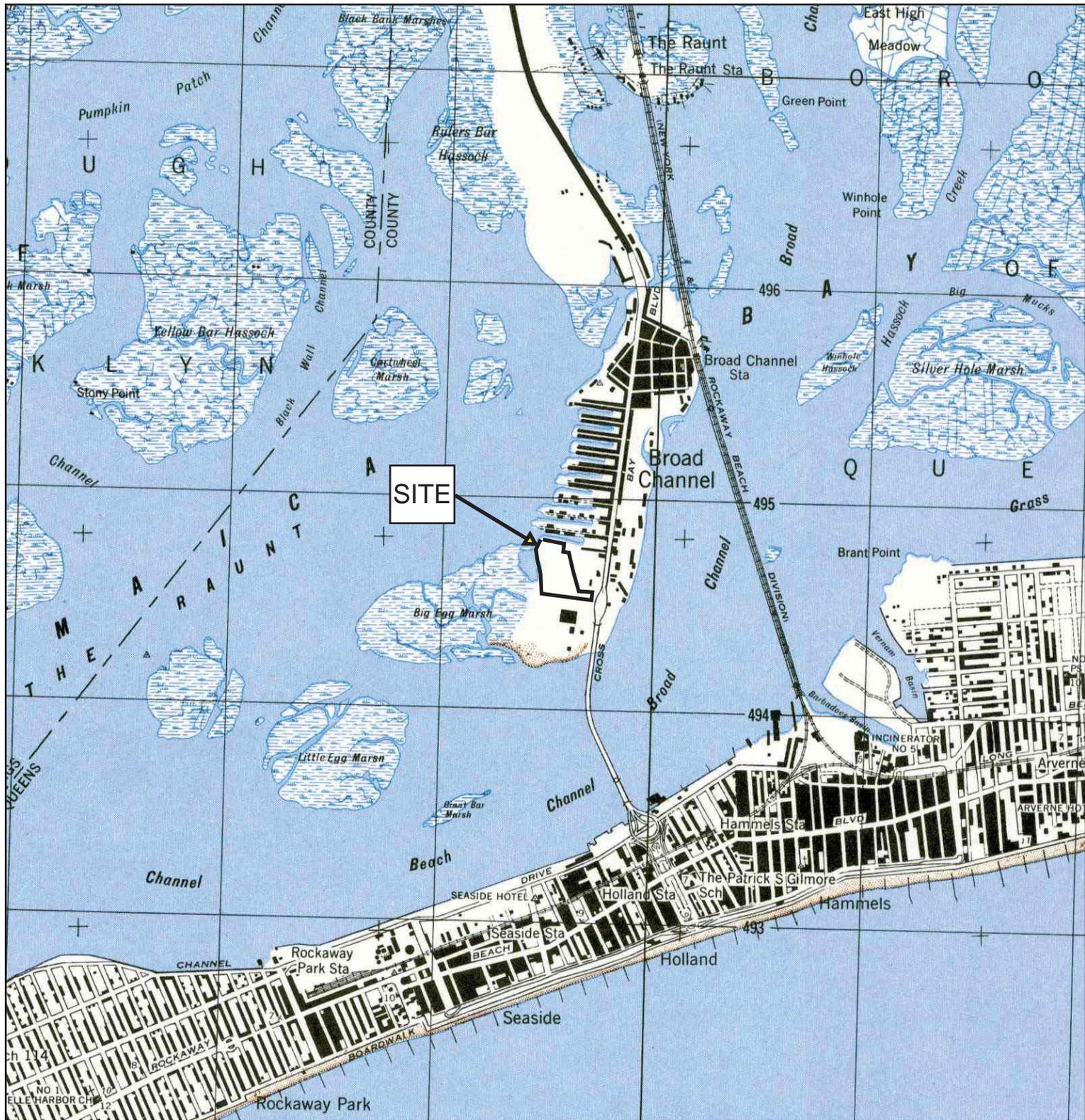
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Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	Schmitts Marina - Task #6403	CLIENT:	ATC Associates Inc. #15
	NAME: BROOKLYN	ADDRESS:	96th Street between West 19th and West 20th Roads	CONTACT:	Matt Mankovich
	MAP YEAR: 1900		Queens, NY 11693	INQUIRY#:	2557812.4
	SERIES: 15	LAT/LONG:	40.5996 / 73.8233	RESEARCH DATE:	08/06/2009
	SCALE: 1:62500				

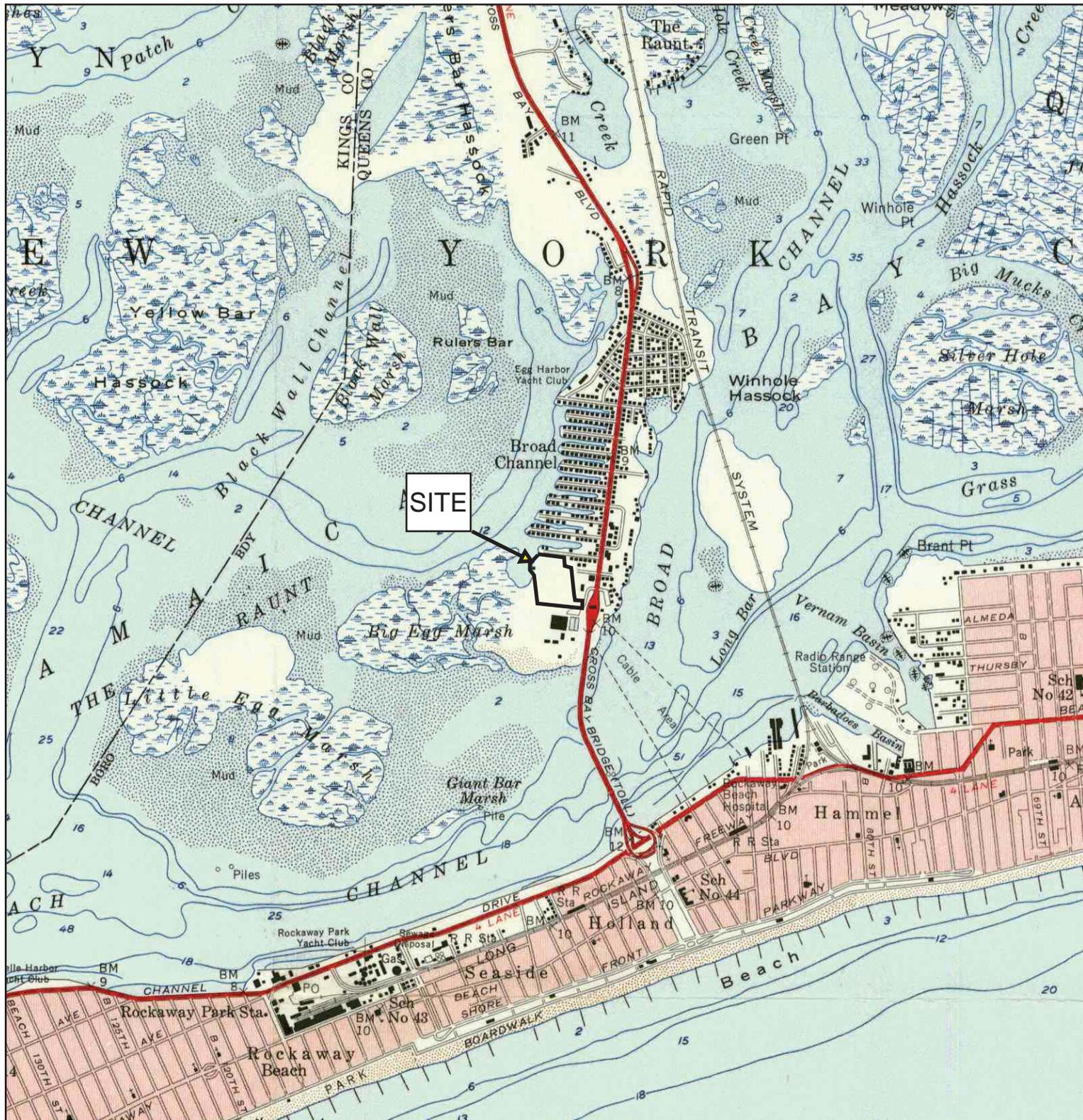
Historical Topographic Map



SITE

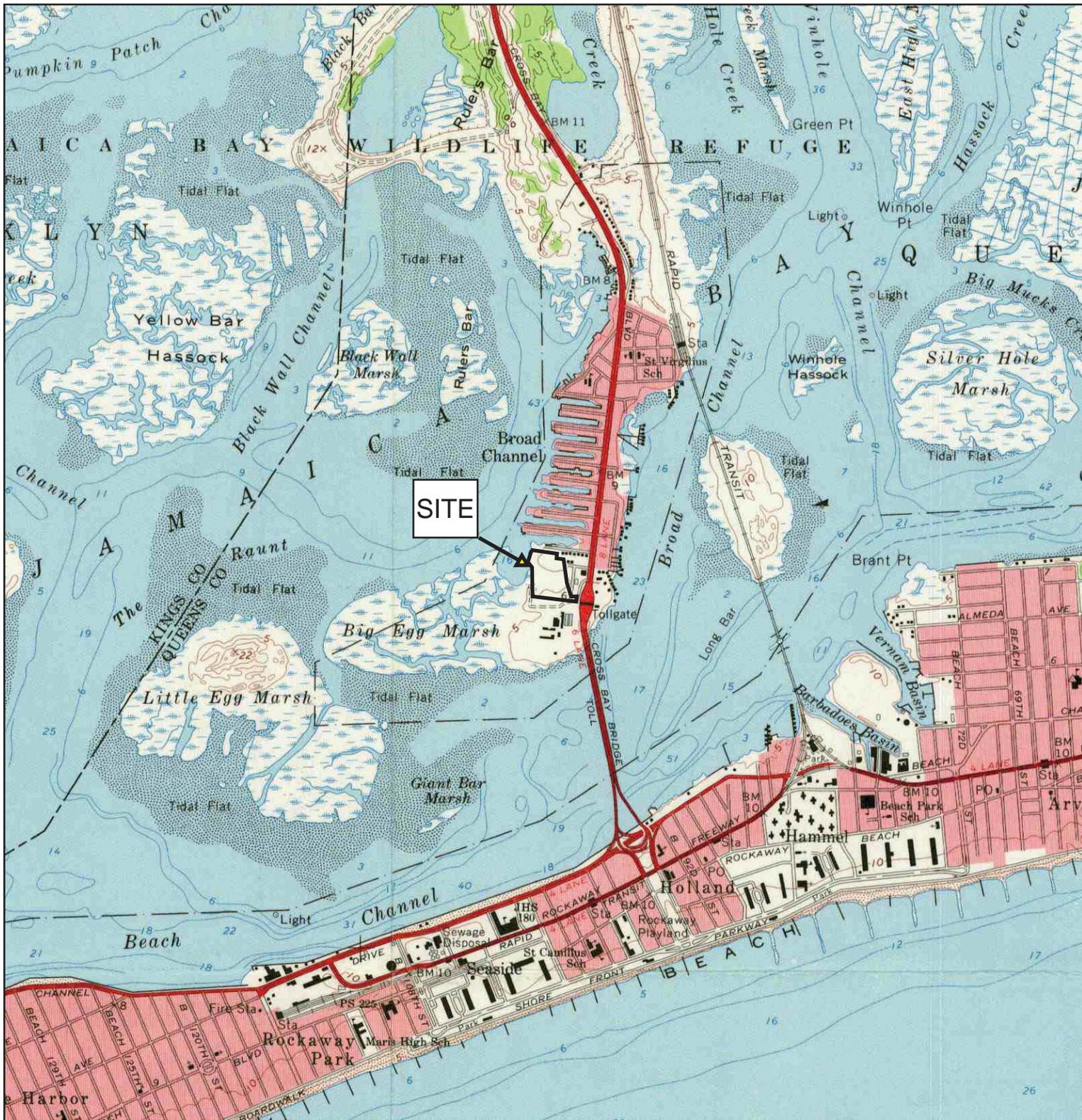
<p>N ↑</p>	TARGET QUAD	SITE NAME:	Schmitts Marina - Task #6403	CLIENT:	ATC Associates Inc. #15
	NAME: FAR ROCKAWAY	ADDRESS:	96th Street between West 19th and West 20th Roads	CONTACT:	Matt Mankovich
	MAP YEAR: 1947		Queens, NY 11693	INQUIRY#:	2557812.4
	SERIES: 7.5	LAT/LONG:	40.5996 / 73.8233	RESEARCH DATE:	08/06/2009
	SCALE: 1:25000				

Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: FAR ROCKAWAY MAP YEAR: 1954</p>	<p>SITE NAME: Schmitts Marina - Task #6403 ADDRESS: 96th Street between West 19th and West 20th Roads Queens, NY 11693</p>	<p>CLIENT: ATC Associates Inc. #15 CONTACT: Matt Mankovich INQUIRY#: 2557812.4 RESEARCH DATE: 08/06/2009</p>
	<p>SERIES: 7.5 SCALE: 1:24000</p>	<p>LAT/LONG: 40.5996 / 73.8233</p>	

Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME:	Schmitts Marina - Task #6403	CLIENT:	ATC Associates Inc. #15
	NAME: FAR ROCKAWAY	ADDRESS:	96th Street between West 19th and West 20th Roads	CONTACT:	Matt Mankovich
	MAP YEAR: 1969		Queens, NY 11693	INQUIRY#:	2557812.4
	PHOTOREVISED FROM: 1964	LAT/LONG:	40.5996 / 73.8233	RESEARCH DATE:	08/06/2009
	SERIES: 7.5				
	SCALE: 1:24000				



APPENDIX E

HISTORICAL AERIAL PHOTOGRAPHS

Schmitts Marina - Task #6403

96th Street between West 19th and West 20th Roads
Queens, NY 11693

Inquiry Number: 2557812.5
August 06, 2009

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography August 06, 2009

Target Property:

96th Street between West 19th and West 20th Roads

Queens, NY 11693

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1954	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-E7/Flight Date: January 08, 1954	EDR
1966	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-E7/Flight Date: February 22, 1966	EDR
1975	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-E7/Flight Date: April 01, 1975	EDR
1985	Aerial Photograph. Scale: 1"=1000'	Panel #: 2440073-E7/Flight Date: March 16, 1985	EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 2440073-E7/Flight Date: April 08, 1994	EDR
2006	Aerial Photograph. 1" = 604'	Flight Year: 2006	EDR



INQUIRY #: 2557812.5

YEAR: 1954

| = 750'





INQUIRY #: 2557812.5

YEAR: 1966

| = 750'



1-75

K-



INQUIRY #: 2557812.5

YEAR: 1975

| = 750'





INQUIRY #: 2557812.5

YEAR: 1985

| = 1000'





INQUIRY #: 2557812.5

YEAR: 1994

| = 750'





INQUIRY #: 2557812.5

YEAR: 2006

| = 604'





APPENDIX F
SANBORN FIRE INSURANCE MAPS

Schmitts Marina - Task #6403

96th Street between West 19th and West 20th Roads
Queens, NY 11693

Inquiry Number: 2557812.3

August 06, 2009

Certified Sanborn® Map Report

Certified Sanborn® Map Report

8/06/09

Site Name:

Schmitts Marina - Task #6403
96th Street between West 19th
Queens, NY 11693

Client Name:

ATC Associates Inc. #15
104 East 25th Street
New York, NY 10010

EDR Inquiry # 2557812.3

Contact: Matt Mankovich



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by ATC Associates Inc. #15 were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Schmitts Marina - Task #6403
Address: 96th Street between West 19th and West 20th
City, State, Zip: Queens, NY 11693
Cross Street:
P.O. # NA
Project: NA
Certification # 9610-4AD3-9823



Sanborn® Library search results
Certification # 9610-4AD3-9823

Maps Provided:

2006	1999	1991	1981
2005	1996	1989	1950
2004	1995	1988	1933
2003	1994	1987	
2002	1993	1986	
2001	1992	1983	

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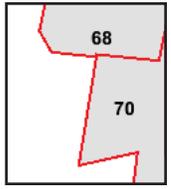
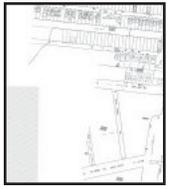
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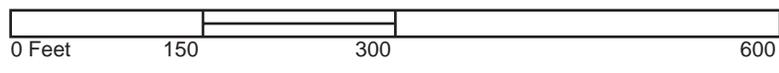
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 City, ST, ZIP: Oeens NY 11693
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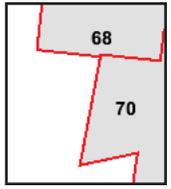
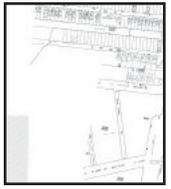
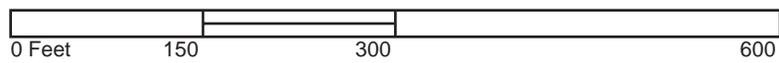
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2004 Certified Sanborn Map

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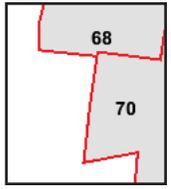
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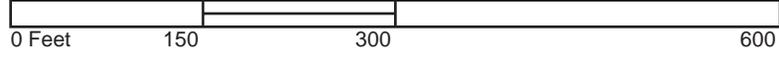
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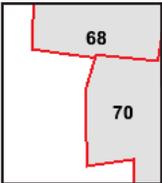
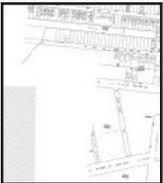
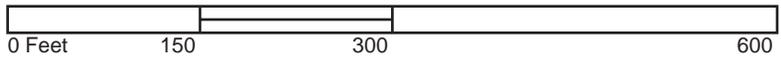
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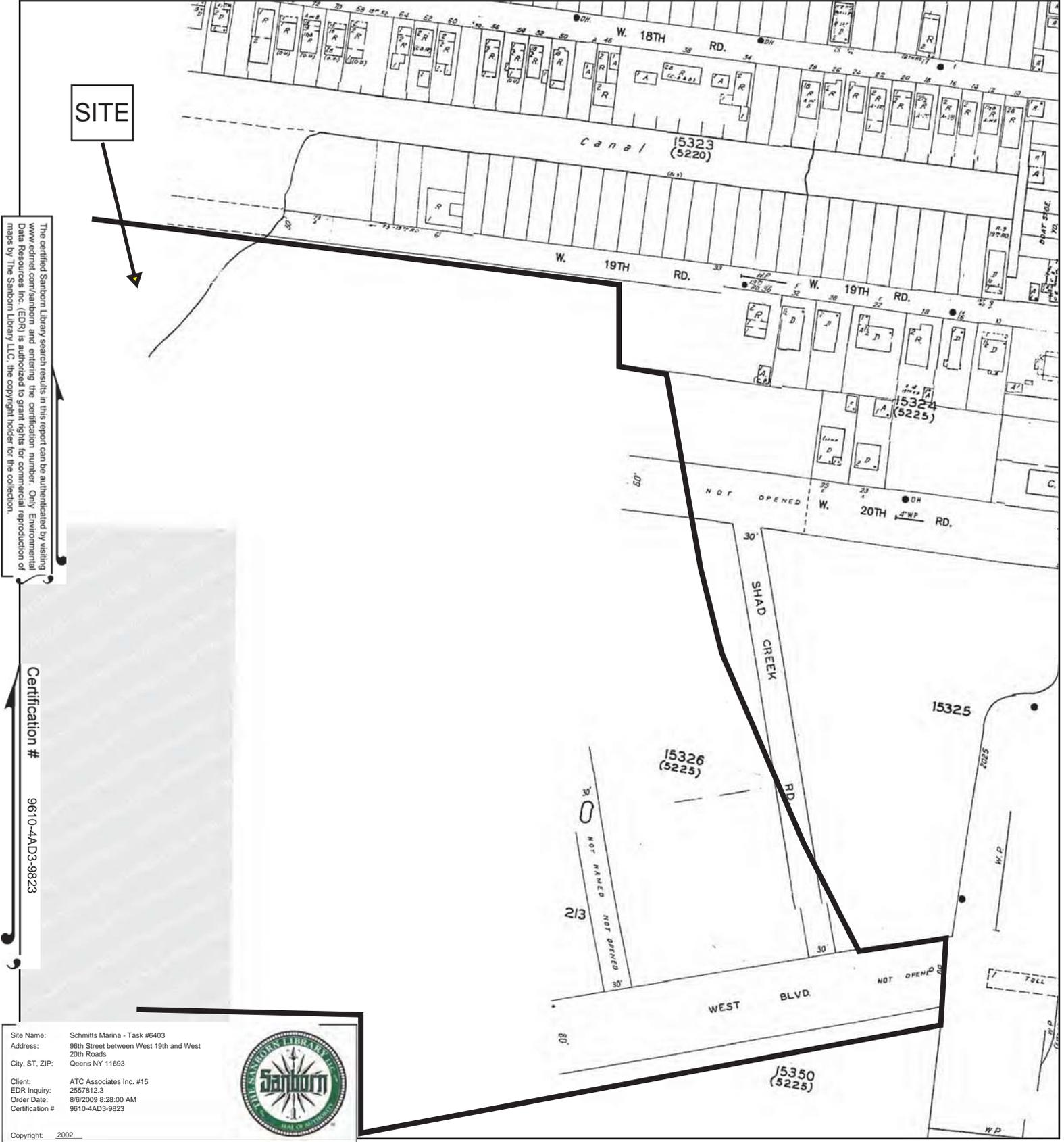
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2002 Certified Sanborn Map



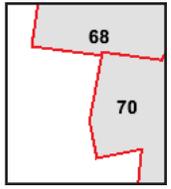
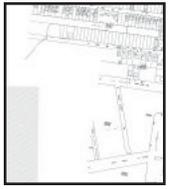
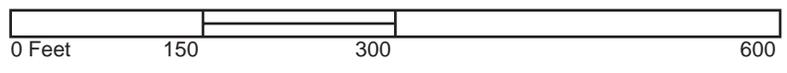
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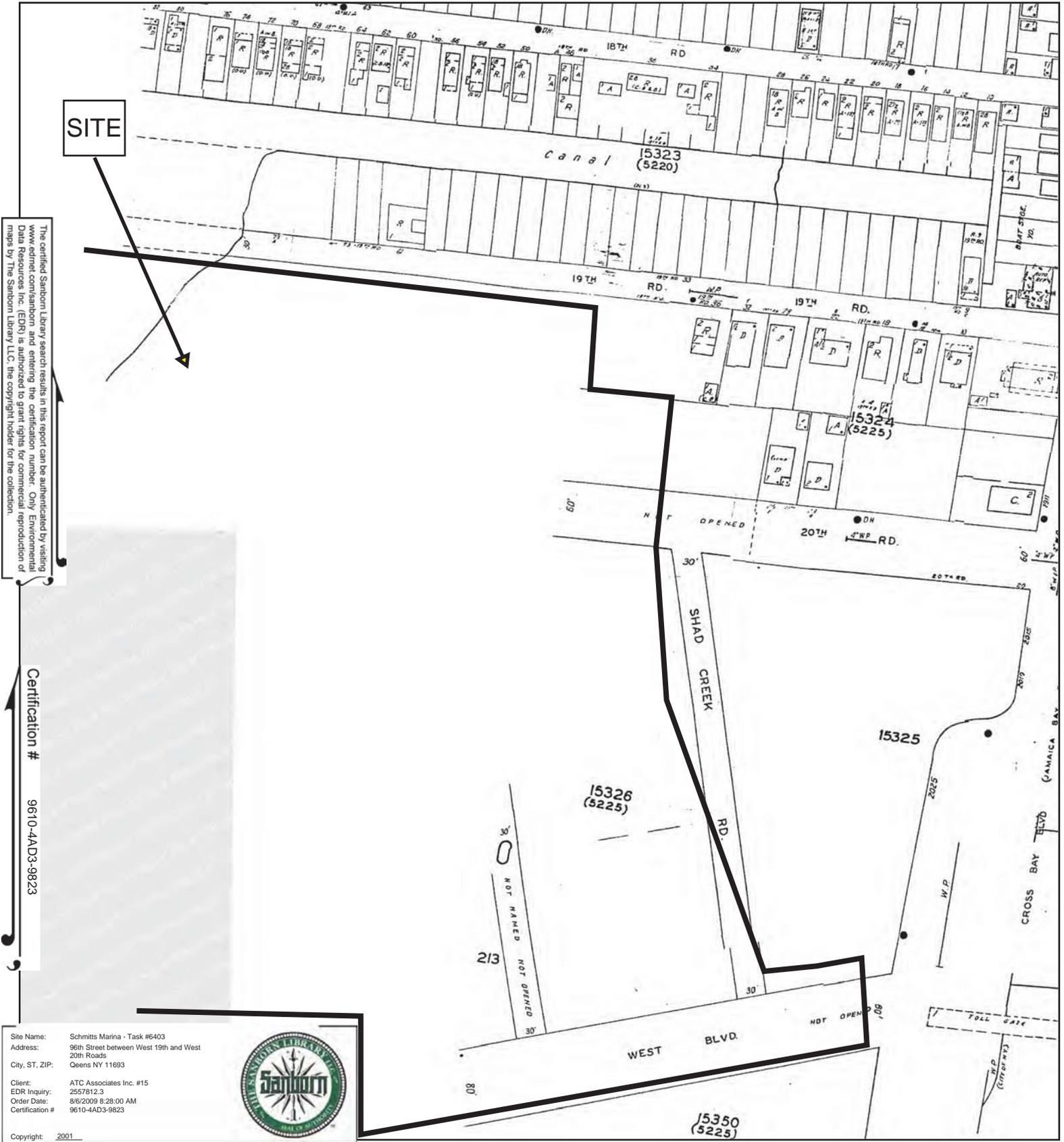
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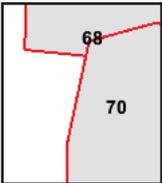
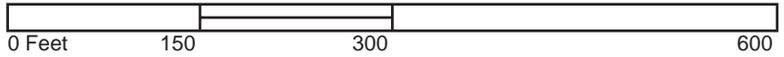
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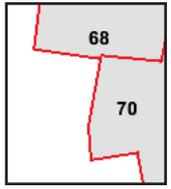
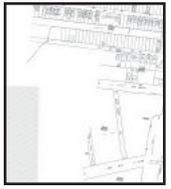
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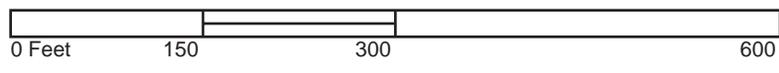
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1996 Certified Sanborn Map

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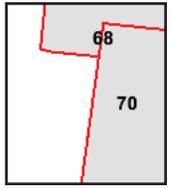
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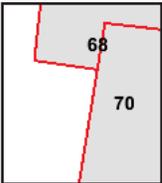
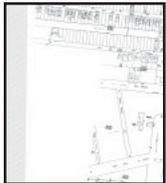
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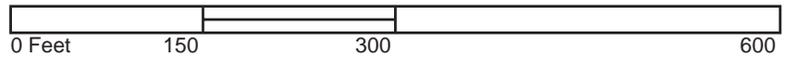


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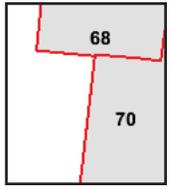
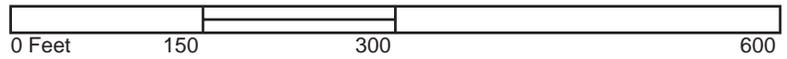
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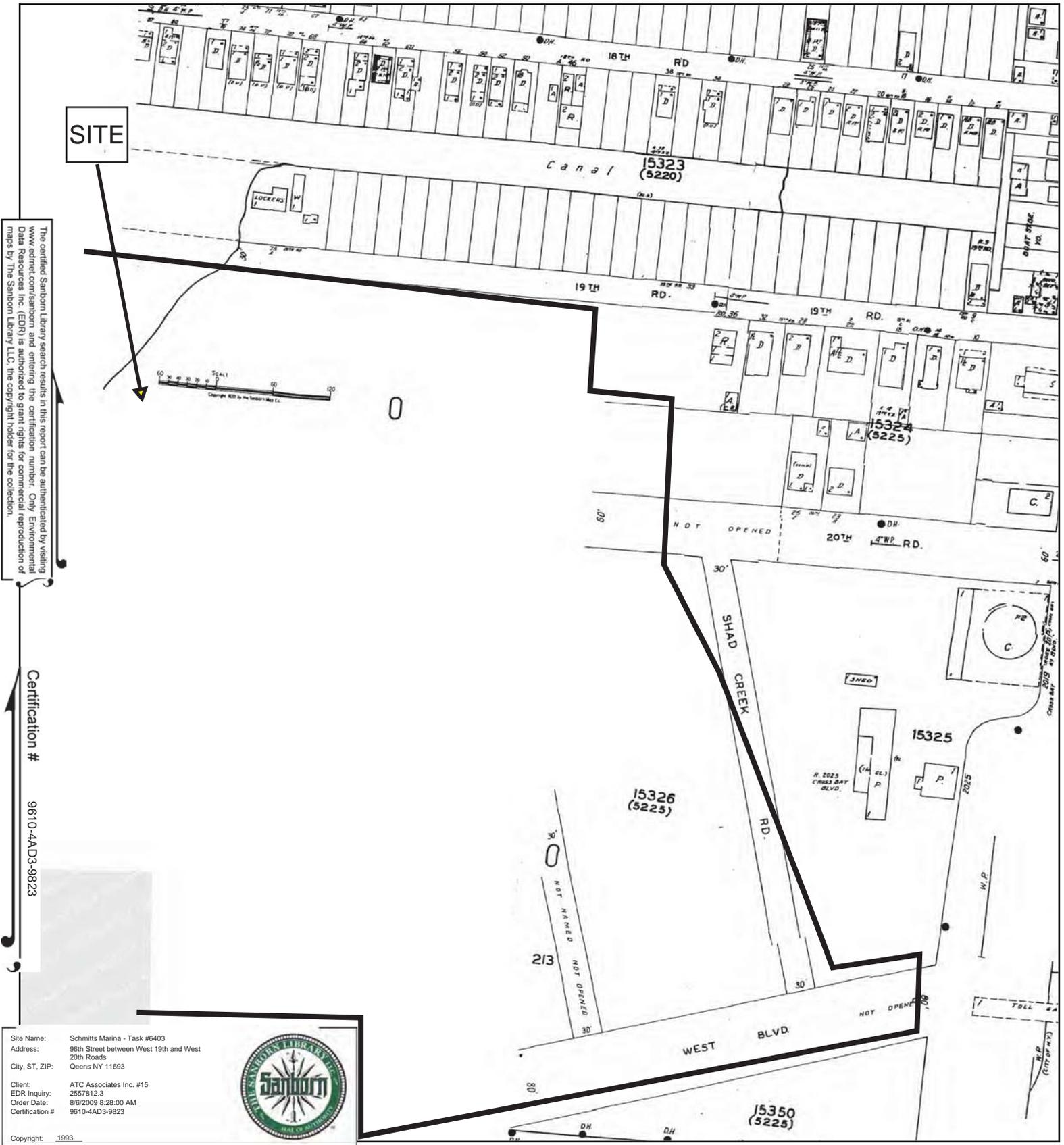
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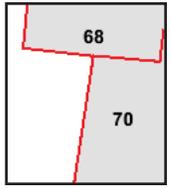
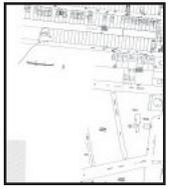
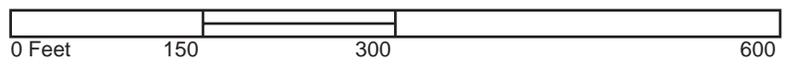
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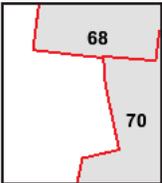
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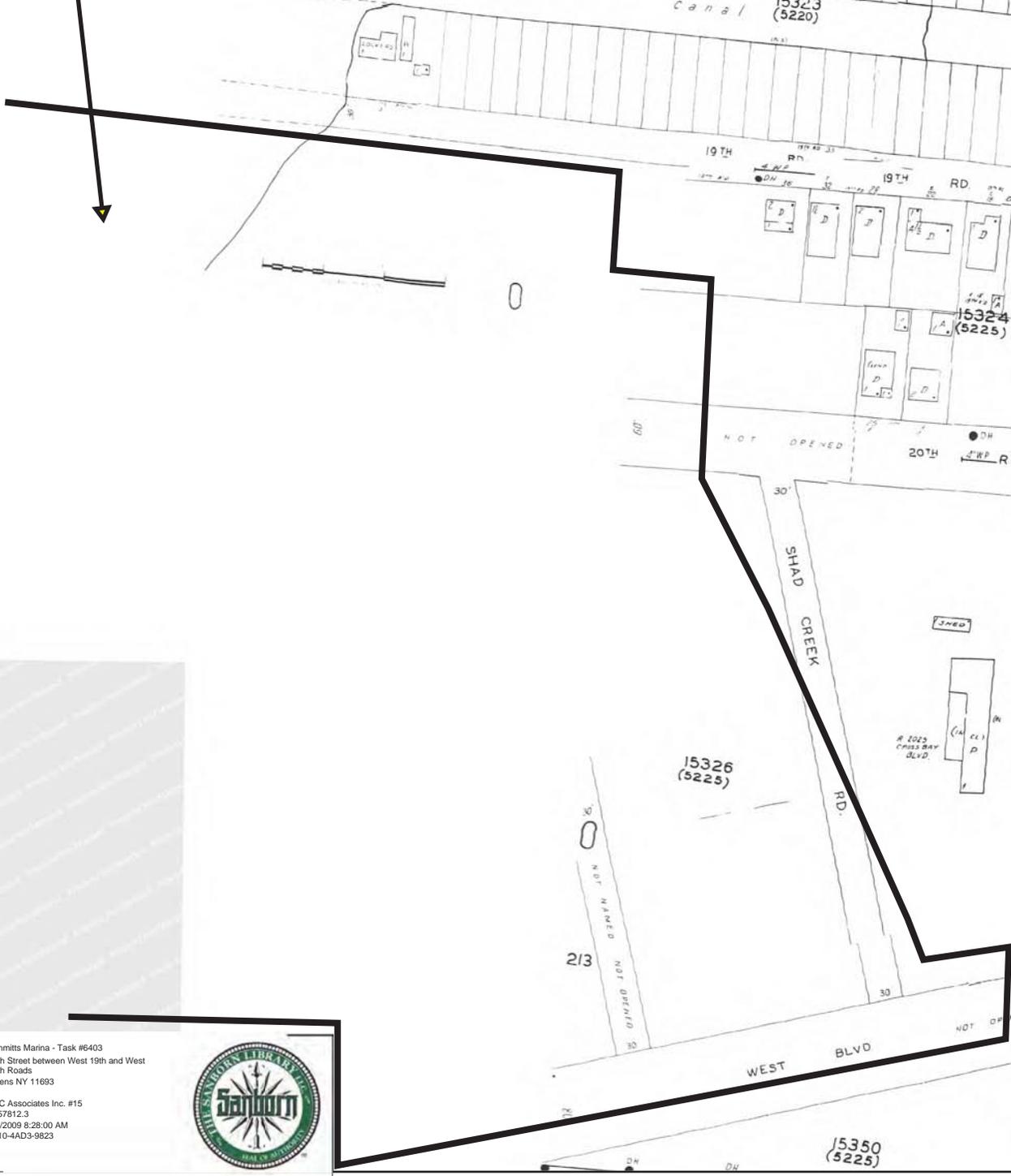


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1991 Certified Sanborn Map

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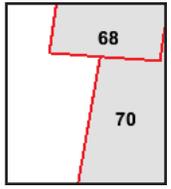
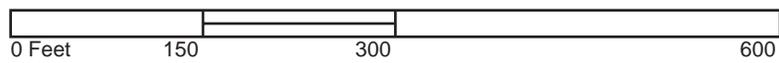
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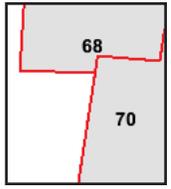
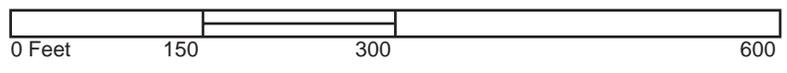
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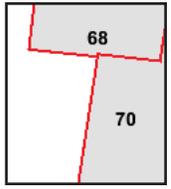
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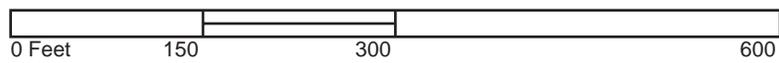


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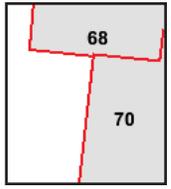
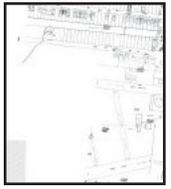
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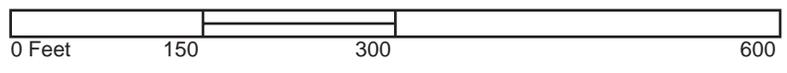
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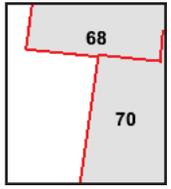
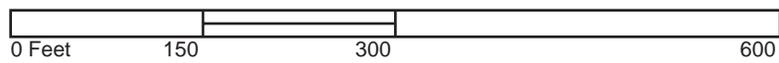
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 EDR Inquiry: 2557812.3
 Order Date: 8/6/2009 8:28:00 AM
 Certification # 9610-4AD3-9823



Copyright: 1983

This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



Volume 21, Sheet 68
 Volume 21, Sheet 70



1981 Certified Sanborn Map

SITE

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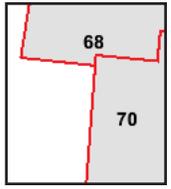
Certification # 9610-4AD3-9823

Site Name: Schmitts Marina - Task #6403
 Address: 96th Street between West 19th and West 20th Roads
 City, ST, ZIP: Oeans NY 11693
 Client: ATC Associates Inc. #15
 EDR Inquiry: 2557812.3
 Order Date: 8/6/2009 8:28:00 AM
 Certification # 9610-4AD3-9823

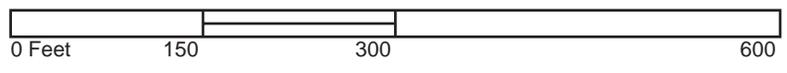


Copyright: 1981

This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



Volume 21, Sheet 68
 Volume 21, Sheet 70



1950 Certified Sanborn Map

SITE

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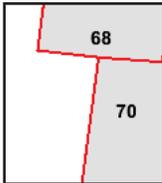
Certification # 9610-4AD3-9823

Site Name: Schmitts Marina - Task #6403
 Address: 96th Street between West 19th and West 20th Roads
 City, ST, ZIP: Oeens NY 11693
 Client: ATC Associates Inc. #15
 EDR Inquiry: 2557812.3
 Order Date: 8/6/2009 8:28:00 AM
 Certification # 9610-4AD3-9823

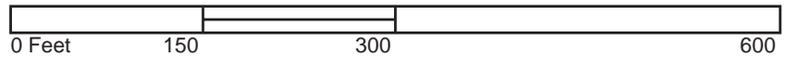


Copyright: 1950

This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



Volume 21, Sheet 70
 Volume 21, Sheet 68





New York City Department of Design and Construction
Final Phase I Environmental Site Assessment Report
Former Schmitt's Marina
96th Street between West 19th Road and West 20th Road, Queens, New York

APPENDIX G CITY DIRECTORIES

Schmitts Marina - Task #6403

96th Street between West 19th and West 20th Roads
Queens, NY 11693

Inquiry Number: 2557812.6
August 19, 2009

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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2009 Enhancements to EDR City Directory Abstract

New for 2009, the EDR City Directory Abstract has been enhanced with additional information and features. These enhancements will make your city directory research process more efficient, flexible, and insightful than ever before. The enhancements will improve the options for selecting adjoining properties, and will speed up your review of the report.

City Directory Report. Three important enhancements have been made to the EDR City Directory Abstract:

1. *Executive Summary.* The report begins with an Executive Summary that lists the sources consulted in the preparation of the report. Where available, a parcel map is also provided within the report, showing the locations of properties researched.
2. *Page Images.* Where available, the actual page source images will be included in the Appendix, so that you can review them for information that may provide additional insight. EDR has copyright permission to include these images.
3. *Findings Listed by Location.* Another useful enhancement is that findings are now grouped by address. This will significantly reduce the time you need to review your abstracts. Findings are provided under each property address, listed in reverse chronological order and referencing the source for each entry.

Options for Selecting Adjoining Properties. Ensuring that the right adjoining property addresses are searched is one of the biggest challenges that environmental professionals face when conducting city directory historical research. EDR's new enhancements make it easier for you to meet this challenge. Now, when you place an order for the EDR City Directory Abstract, you have the following choices for determining which addresses should be researched.

1. *You Select Addresses and EDR Selects Addresses.* Use the "Add Another Address" feature to specify the addresses you want researched. Your selections will be supplemented by addresses selected by EDR researchers using our established research methods. Where available, a digital map will be shown, indicating property lines overlaid on a color aerial photo and their corresponding addresses. Simply use the address list below the map to check off which properties shown on the map you want to include. You may also select other addresses using the "Add Another Address" feature at the bottom of the list.
2. *EDR Selects Addresses.* Choose this method if you want EDR's researchers to select the addresses to be researched for you, using our established research methods.
3. *You Select Addresses.* Use this method for research based solely on the addresses you select or enter into the system.
4. *Hold City Directory Research Option.* If you choose to select your own adjoining addresses, you may pause production of your EDR City Directory Abstract report until you have had a chance to look at your other EDR reports and sources. Sources for property addresses include: your Certified Sanborn Map Report may show you the location of property addresses; the new EDR Property Tax Map Report may show the location of property addresses; and your field research can supplement these sources with additional address information. To use this capability, simply click "Hold City Directory research" box under "Other Options" at the bottom of the page. Once you have determined what addresses you want researched, go to your EDR Order Status page, select the EDR City Directory Abstract, and enter the addresses and submit for production.

Questions? Contact your EDR representative at 800-352-0050. For more information about all of EDR's 2009 report and service enhancements, visit www.edrnet.com/2009enhancements

EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2005. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

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

RESEARCH SUMMARY

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

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2005	Hill-Donnelly Information Services	-	X	X	-
2000	Cole Information Services	-	X	X	-
1996	NYNEX	-	X	X	-
1991	NYNEX Information Resource Company	-	X	X	-
1983	New York Telephone	-	X	X	-
1976	New York Telephone	-	X	X	-
1970	New York Telephone	-	X	X	-
1967	New York Telephone	-	X	X	-
1962	New York Telephone Directory	-	X	X	-
1950	New York Telephone	-	-	-	-
1945	New York Telephone	-	X	X	-
1939	New York Telephone Company	-	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
1922	The Metropolitan Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

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

<u>Address</u>	<u>Type</u>	<u>Findings</u>
40 West 19th Road	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

96th Street between West 19th and West 20th Roads
Queens, NY 11693

FINDINGS DETAIL

Target Property research detail.

No Addresses Found

FINDINGS

ADJOINING PROPERTY DETAIL

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

17TH RD

40 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	BACK Henry	NYNEX
1976	Back Henry	New York Telephone
1970	Back Henry	New York Telephone
1967	Back Henry	New York Telephone
1962	Back Henry	New York Telephone Directory

58 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Rabuse Fredk	NYNEX Information Resource Company
1970	Rabuse Fredk	New York Telephone
1967	Rabuse Fredk	New York Telephone
1962	Rabuse Fredk	New York Telephone Directory

62 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1939	Turner Camp Vorwaerts Inc	New York Telephone Company

69 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Ehlers Henry	NYNEX Information Resource Company
1983	Ehlers Henry	New York Telephone
1976	Ehlers Henry	New York Telephone
1970	Ehlers Henry	New York Telephone

77 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	LAFAZANIDIS Eleni	NYNEX

99 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	GAI Weiming	NYNEX

FINDINGS

18TH RD

18 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Phillips Elmer R	New York Telephone
1967	Phillips Elmer R	New York Telephone
1945	Phillips Elmer R	New York Telephone
1939	Phillips Elmer R	New York Telephone Company

21 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	OKUSZA Dennis	NYNEX

75 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	ROSEN Bernard	NYNEX

19TH RD

32 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Bauman Alice V	New York Telephone
1962	Bauman Alice V	New York Telephone Directory
1945	Jos	New York Telephone

33 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Orean Madeline	New York Telephone Directory

36 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Neely Geo	New York Telephone
1967	Neely Geo	New York Telephone
1962	Neely Geo	New York Telephone Directory
1945	Neely Geo	New York Telephone

41 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	SMITH Michael G	NYNEX

FINDINGS

52 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	CERBERA Guillermo	NYNEX

73 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1939	Johns Fishing Sta	New York Telephone Company
	Orean John b	New York Telephone Company

76 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	ALMPANIS Nikolas	NYNEX
	Elmjack Little League Inc	NYNEX

77 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	GILL Hakim	NYNEX
	LETO Cesare	NYNEX
	LETO Giovanni	NYNEX
	MIMNAUGH Robert	NYNEX
	SALAZAR Holmes	NYNEX
	PETOSA Nicholas	NYNEX

78 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	LUM Lane	NYNEX
	MACRIS Harry	NYNEX
	TRAYNOR Jean	NYNEX
	WALSH Thos J	NYNEX
	COLUMBUS E	NYNEX
	ALAFIOVIANNIS Kosta	NYNEX
	JAHELKA William J	NYNEX
	MOHAMMAD Sueiman	NYNEX
	THE Young Adult Inst & Workshop hostel	NYNEX
	NIEVES Anibel	NYNEX
	SMITH Michl M	NYNEX
	GAUDIO Ann	NYNEX
	CARO Sonia	NYNEX
	POULOS Peter	NYNEX
	PTINIS Stelios	NYNEX
	TEDESCO Robt E	NYNEX

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	GOOMISHIAN John	NYNEX

79 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	CORRIGAN S & V	NYNEX
	MOORE Eugene	NYNEX
	ARENA B	NYNEX
	MCPARTLAND C	NYNEX
	RAMIREZ Alberto	NYNEX
	BERMAN Jennifer	NYNEX
	BERMAN Larry	NYNEX

208TH

90 208TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1939	Witt Frank E	New York Telephone Company

93 208TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1939	Woodman C J	New York Telephone Company

208TH ST

36 208TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Douchy F anju AC	Hill-Donnelly Infromation Services
	Patel Ma	Hill-Donnelly Infromation Services

90 208TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	SCHAFFNER D	NYNEX
	RAMPHAL Lakerarn	NYNEX
	BAUTISTA Bertha	NYNEX
	BEATTY M	NYNEX
	BERNARD Vera	NYNEX
	BERNARD Vera	NYNEX
	BENOIT AI	NYNEX
	NELSON John	NYNEX
	OCHI Queen Ene	NYNEX

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	BRACKEN Mortin	NYNEX
	FARMER Samson	NYNEX
	LAGUERRE Joseph Daniel	NYNEX
	OTOTE Osahon	NYNEX
	GALANTI Gastone	NYNEX
	STRESS Edw J	NYNEX
	GANY Nazimul	NYNEX
	PIMENTEL Adriano E	NYNEX
	PRINCE Donna	NYNEX
	QUINONES Mayra	NYNEX
	MANOLT Daniel	NYNEX
	MANOLT James	NYNEX
	HAYNES Wm J	NYNEX
	MAY Dellious	NYNEX
	RIORDAN Michl J	NYNEX
	ROMINGER Carl E	NYNEX
	ROMULO L	NYNEX
	VOGT John	NYNEX
	DAVIS Ai	NYNEX
	DASILVA Romeo	NYNEX
	HERMELYN C	NYNEX
	MC DOWELL James	NYNEX
	WILLS Semon	NYNEX
	ALLICOCK Trevor	NYNEX
	APONTE Constancia	NYNEX
	IGBODO Charles	NYNEX
	SANCHEZ M	NYNEX
1939	Watkins Fred W Jr	New York Telephone Company
	Weber Quirin	New York Telephone Company
1934	Willrich Edmund Theodora mach	R. L. Polk & Co.

93 208TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	SILEO Carmine R	NYNEX
	BISHUN Kampta	NYNEX
	ORTENCIO R L	NYNEX
	BROWN A	NYNEX
	GALARZA Bernard	NYNEX
	GALARZA Gaston	NYNEX

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	GAUNTLETT Katherine	NYNEX
	PERSAUD Roy	NYNEX
	PERSAUD Nazeema	NYNEX
	THEAGENE L	NYNEX
	RAMNARYAN Bhinawattie	NYNEX
	MARTIN John	NYNEX
	MCGRIER Evalina	NYNEX
	SAKER Altage	NYNEX
	JACQUES Debbie	NYNEX
	MOCLAIRE Marie Jolienne	NYNEX
	SANTOS Antonio	NYNEX
	ROJAS Nery	NYNEX
	MCGRIER Georgia	NYNEX
	GRIFFITH Michael	NYNEX
	NELSON Aliance R	NYNEX
	SEARA Lorraine M	NYNEX
	SHANKAR Dolly J	NYNEX
	OHENRY Cedric	NYNEX

94 208TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	KOSHY Thankachen	NYNEX
	WELLINGTON Patricia	NYNEX
	HACK Ahmad Zalim	NYNEX
	TRINIDAD Maria	NYNEX
	THOMAS Thekkakurumpoil Mathal	NYNEX
	FUNK Ray	NYNEX
	PALMER R B	NYNEX
	SHEVLIN Frank J	NYNEX
	SINGH Andrew	NYNEX
	WEBB Robert	NYNEX
	JEROME Jean Lou	NYNEX
	SABUJO Manuel	NYNEX
	MORALES Jose	NYNEX
	KHELAWAN	NYNEX
	KAVALLERO Keisha	NYNEX
1939	Wagner Jos	New York Telephone Company

FINDINGS

96 208TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	HOLLOWAY Sandra	NYNEX

99 208TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	MOORE L	NYNEX
	RODRIGUEZ H	NYNEX
	ADAMS Karen	NYNEX
	RAYMOND Pascal	NYNEX
	FUREL Richard M	NYNEX
	FUREL Renee	NYNEX
	RAYMOND Franck R	NYNEX
1939	Weiss Vera Miss	New York Telephone Company
	Weiss Alex	New York Telephone Company

20TH RD

31 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Keystone Electronics	NYNEX

32 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ND ST INTS FROM	Cole Information Services
1996	GERASIMOU Terrys	NYNEX

35 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	SHEEHAN Jas	NYNEX

36 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	RYAN Jos A	NYNEX
	RITTER Raffaella	NYNEX
	MARTINEZ Guadalupe	NYNEX
	MAMANGAXIS George	NYNEX
	CAKIN Mustafa	NYNEX
	SCENNA Joseph	NYNEX
	FARHAT Moussa	NYNEX
	ELY Loretta	NYNEX

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	KAKURIS Angelo	NYNEX
	ATTAI Francis	NYNEX
	AKOUMIANAKIS Konstantinos	NYNEX
	BORISSOV Makim	NYNEX

37 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	AVALOS Gloria	NYNEX
	BAWALAN L Z	NYNEX
	PALIOURAS Rizos	NYNEX
	LISCIANDRO Edward	NYNEX
	ZACATELCO Oralia	NYNEX
	RACZKO Wm	NYNEX
	HARHAROS Joan	NYNEX
	CROCKER D	NYNEX
	DELSIGNORE Delma	NYNEX
	PORRAS Marta V	NYNEX

38 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	SCHROEDER D J	NYNEX
	HOUGHTON Catherine	NYNEX
	CONSTANZA Theresa	NYNEX
	MARCHESI Ennio	NYNEX
	HULIS M	NYNEX
	IMMICH Frank	NYNEX
	HOVER M R	NYNEX
	CLINE J	NYNEX
	RAMADAN Hanan	NYNEX
	GERLE Andrew	NYNEX
	CAMACHO Jose	NYNEX
	ZONTANOS Athanasios	NYNEX
	FAKHRY Mary	NYNEX

42 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	43RD ST INTS FROM	Cole Information Services
	ND ST INTS FROM	Cole Information Services
1996	RANIERI Gennarc	NYNEX

FINDINGS

43 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	BIANCANELLO Terry	NYNEX
	PLUMB Arthur	NYNEX
	CONNELL Jas W	NYNEX
	SCARAMELL George	NYNEX
	KAKLKANIS Vagelie	NYNEX
	CABECA Manuel	NYNEX
	PERINO Anna	NYNEX
	SIANO Anthony	NYNEX
	ARCOLEO Joseph	NYNEX
	VAN BERGEIJK Ernst	NYNEX
	DIVITO Patrcra	NYNEX
	SARWARY Noor Mohamad	NYNEX

45 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	GRACI Joseph	NYNEX
	REDELL Albert	NYNEX
	MWSSINA C	NYNEX
	SCALIA Jos	NYNEX
	LEE Jae Seon	NYNEX
	OLSSON John	NYNEX

65 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	GRACI Angelo	NYNEX

35TH AVE

18907 35TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Pecha E	Hill-Donnelly Infromation Services

BARCLAY AVE

14411 BARCLAY AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Chen You Bail	Hill-Donnelly Infromation Services
	Sun Lan 0718 661 1339 os	Hill-Donnelly Infromation Services

FINDINGS

BEACH 135TH ST

254 BEACH 135TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Bender Jack AA	Hill-Donnelly Infromation Services

BEACH 137TH ST

187 BEACH 137TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Lindenbaum Sanford AA	Hill-Donnelly Infromation Services
	Linden Store Front	Hill-Donnelly Infromation Services

E 18TH RD

67 E 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Fecht Harold	New York Telephone

E 20TH RD

19 E 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Fitzpatrick Jas J police	R. L. Polk & Co.

20 E 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	REILLY W A	NYNEX

38 E 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	WILLSSEN John	NYNEX
	RAUERT Ted	NYNEX
1991	Willsen John	NYNEX Information Resource Company
1983	Cullen John Jr	New York Telephone
	Willsen John	New York Telephone
1976	Cullen John Jr	New York Telephone
1970	Kelly James A	New York Telephone
	McDermott Veronica	New York Telephone
	Cullen John Jr	New York Telephone
1967	Cullen John Jr	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Flowers Barbara Ellen	New York Telephone
1962	McCarthy Eugene R	New York Telephone Directory
	Cullen John Jr	New York Telephone Directory

W 17TH RD

38 W 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	John Dady	Cole Information Services
1996	DADY John	NYNEX
1991	Dady John	NYNEX Information Resource Company

40 W 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	No Current Listing	Hill-Donnelly Infromation Services
2000	Henry Back	Cole Information Services

41 W 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	FROHNHOEFER John	NYNEX

42 W 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1939	Hagan Wm A	New York Telephone Company

47 W 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Mott Paul	Hill-Donnelly Infromation Services
2000	Paul Mott	Cole Information Services
1991	Scheifele Viola	NYNEX Information Resource Company
1983	Scheifele Viola	New York Telephone

50 W 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	HReardon MJI	Hill-Donnelly Infromation Services
	H Mundy D	Hill-Donnelly Infromation Services
2000	D Mundy	Cole Information Services
1996	MUNDY D	NYNEX
1991	Mundy D	NYNEX Information Resource Company
1976	Hagan Walter T	New York Telephone
1970	Hagan Walter T	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Hagan Walter T	New York Telephone
1962	Hagan Walter T	New York Telephone Directory
1945	Hagan Walter T	New York Telephone
1939	Hagan Walter T	New York Telephone Company

57 W 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Orelly Eugene	Hill-Donnelly Infromation Services
2000	Michael O Reilly	Cole Information Services
1996	OREILLY E	NYNEX
1983	Peterman Henry	New York Telephone
1970	Peterman Henry	New York Telephone
1967	Peterman Henry	New York Telephone
1962	Peterman Henry	New York Telephone Directory

58 W 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Obrien K R	Hill-Donnelly Infromation Services
2000	OBrien	Cole Information Services
1996	OBRIEN K R	NYNEX

59 W 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Oreilly E Av	Hill-Donnelly Infromation Services
2000	Steve Gambitsky	Cole Information Services
1996	GAMBITSKY Steve	NYNEX
1991	Gambitsky Steve	NYNEX Information Resource Company
1983	Gambitsky Steve	New York Telephone
1976	Amann Ella Mrs	New York Telephone
1970	Amann Ella Mrs	New York Telephone
1967	Amann Ella Mrs	New York Telephone
1962	Amann Ella Mrs	New York Telephone Directory

60 W 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Allen Ken A	Hill-Donnelly Infromation Services
2000	Daniel Aquilante	Cole Information Services
1996	AQUILANTE Daniel	NYNEX
1991	Turner Camp	NYNEX Information Resource Company
1983	Turner Camp	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Schultheiss Geo	New York Telephone
1962	Schultheiss Geo	New York Telephone Directory

61 W 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Shea MJ a	Hill-Donnelly Infromation Services
2000	Carmen Read	Cole Information Services
1991	Queval Gene	NYNEX Information Resource Company
1967	Queval Harry J	New York Telephone
1962	Queval Harry J	New York Telephone Directory

69 W 17TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Virginia C Alo	Hill-Donnelly Infromation Services
	HFriaedenberg S AV 9s	Hill-Donnelly Infromation Services
2000	C Virgin	Cole Information Services
1996	VIRGINIA C	NYNEX

W 18 RD

74 W 18 RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Mentser George R	NYNEX Information Resource Company

W 18TH RD

14 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Minihane 3 & P	Hill-Donnelly Infromation Services
2000	John Dezago Jr	Cole Information Services
	J Minihane	Cole Information Services
1996	MINIHANE J & P	NYNEX
	RUDDICK M	NYNEX
1991	Ruddick John J	NYNEX Information Resource Company
1983	Ruddick John J	New York Telephone
1970	Prevelige Alexndr	New York Telephone
1967	Prevelige Alexndr	New York Telephone
1934	Loeffler Geo H Rose carp	R. L. Polk & Co.
	Klein Lillian mach opr	R. L. Polk & Co.

FINDINGS

16 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Yarrum J A	Hill-Donnelly Infromation Services
	H Murray E AV	Hill-Donnelly Infromation Services
2000	J Yarrum	Cole Information Services
1996	YARRUM J	NYNEX
1991	Yarrum J	NYNEX Information Resource Company
1983	Yarrum J	New York Telephone
1970	Murray Evelyn	New York Telephone
1967	Murray Evelyn	New York Telephone
1962	Murray Evelyn	New York Telephone Directory
1934	Gross Walter R Margt M stmfr hlpr	R. L. Polk & Co.

17 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Gross Roy Jr AO	Hill-Donnelly Infromation Services
2000	Roy Gross Jr	Cole Information Services
1996	GROSS Roy Jr	NYNEX
	GROSS Micheal	NYNEX
1991	Gross Roy Jr	NYNEX Information Resource Company
1983	Gross Roy Jr	New York Telephone
1976	Gross Roy Jr	New York Telephone
1970	Pesinger Nettie	New York Telephone
	McGee Thos J Jr	New York Telephone
1967	Pesinger Nettle	New York Telephone
	Walsh Julia	New York Telephone
1962	Walsh Jos P	New York Telephone Directory
	Walsh Edw J	New York Telephone Directory

18 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Cordes Joseph A	Hill-Donnelly Infromation Services
2000	Joseph C	Cole Information Services
1996	HENGLEIN F Jr	NYNEX
1983	Cordes Jos	New York Telephone
1976	Cordes Jos	New York Telephone
1934	Phillips Elmer Mildred M reprmn	R. L. Polk & Co.

FINDINGS

20 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Klein Patricia	Hill-Donnelly Infromation Services
	Gross Thomas 0718 634 0260 B	Hill-Donnelly Infromation Services
2000	Patricia Klein	Cole Information Services
	Jacob Klein	Cole Information Services
	Thomas Gross	Cole Information Services
1996	GROSS Thomas W	NYNEX
1991	Gross Thomas W	NYNEX Information Resource Company
1983	Gross Thomas W	New York Telephone
1976	Gross Roy M Sr	New York Telephone
	Fallon Wm J	New York Telephone
1970	Gross Roy M	New York Telephone
1967	Gross Roy M	New York Telephone
1962	Gross Roy M	New York Telephone Directory

22 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Mccambridge M M AO	Hill-Donnelly Infromation Services
1991	Meyers D M	NYNEX Information Resource Company
1983	Meyers D M	New York Telephone
1970	Meyers Dorothy M Mrs	New York Telephone
	Meyers Geo	New York Telephone
1967	Meyers Geo	New York Telephone
	Meyers Dorothy M Mrs	New York Telephone
1962	Meyers Dorothy M Mrs	New York Telephone Directory
	Meyers Geo	New York Telephone Directory
1945	Vogel Mildred A RN	New York Telephone

24 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Gilmartin Joan	Hill-Donnelly Infromation Services
	Gilmartin Bernard	Hill-Donnelly Infromation Services
2000	Bernard Gilmartin	Cole Information Services
	Joan Gilmartin	Cole Information Services
1996	GILMARTIN Joan	NYNEX
	GILMARTIN Robert D	NYNEX
1991	Gilmartin Robert D	NYNEX Information Resource Company
1983	Gilmartin Robert D	New York Telephone
1976	Gilmartin Robert D	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Gilmartin Bernard	New York Telephone
1967	Gilmartin Bernard	New York Telephone
1962	Gilmartin Bernard	New York Telephone Directory

25 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	No Current Listing	Hill-Donnelly Information Services
2000	L Hawk	Cole Information Services
	Stephen Hawk	Cole Information Services
1996	HAWK Stephen	NYNEX
1991	Weber Andrew A	NYNEX Information Resource Company
1983	Weber Andrew A	New York Telephone
1970	Weber Andrew A	New York Telephone

26 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	HHawk SJ AA	Hill-Donnelly Information Services
2000	G Train	Cole Information Services
	Joseph Train	Cole Information Services
1991	Hawk Stephen	NYNEX Information Resource Company
1983	Hawk Stephen	New York Telephone
1970	Smith John J	New York Telephone
1967	Smith John J	New York Telephone
1962	Smith John J	New York Telephone Directory

27 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Weber Andrew A	New York Telephone
1962	Weber Andrew A	New York Telephone Directory
1945	Weber Andrew A	New York Telephone

28 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Chavanne Leo AV	Hill-Donnelly Information Services
2000	Joseph Cardino	Cole Information Services
	Shannon Squeri	Cole Information Services
1996	ROESCH William	NYNEX
1991	Fallon Wm J	NYNEX Information Resource Company
1983	Fallon Wm J	New York Telephone
1970	Fallon Wm J	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Fallon Wm J	New York Telephone
1962	Fallon Wm J	New York Telephone Directory

32 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	Local 445 Wst Mrt	Cole Information Services

34 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Roesch John	Hill-Donnelly Infromation Services
2000	John Roesch	Cole Information Services
1996	ROESCH John	NYNEX
1991	Roesch John	NYNEX Information Resource Company
1983	Roesch John	New York Telephone
1962	Pryor Edw	New York Telephone Directory

36 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Kane Frank	New York Telephone Directory

38 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Flynn Micheal	Hill-Donnelly Infromation Services
2000	Micheal Flynn	Cole Information Services
1970	Noonan Edw J	New York Telephone

46 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Hemminger Craig A	Hill-Donnelly Infromation Services
	Hemminger	Hill-Donnelly Infromation Services
2000	Craig Hemminger	Cole Information Services
	Sabina Garelli	Cole Information Services
1996	HEMMINGER Craig	NYNEX
1991	Hemminger Wm	NYNEX Information Resource Company
1983	Hemmingers Inc optcns	New York Telephone
	Hemminger Wm	New York Telephone
1976	Hemminger Wm	New York Telephone
1970	Hemminger Wm	New York Telephone
1967	Hemminger Wm	New York Telephone
1962	Thurau E A	New York Telephone Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Oehrlein Jos	New York Telephone

50 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	HAres R	Hill-Donnelly Infromation Services
2000	Timothy Conroy	Cole Information Services
1970	Scholl Louis	New York Telephone
1967	Scholl Louis	New York Telephone

52 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Franklin J W	Hill-Donnelly Infromation Services
	HCurci BF v 7 s	Hill-Donnelly Infromation Services
1970	Young Gilbert J Jr	New York Telephone
1967	Young Gilbert J Jr	New York Telephone
1962	Young Anna Mrs	New York Telephone Directory

54 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	HBollmann 3 A	Hill-Donnelly Infromation Services
	H Nix Thomas	Hill-Donnelly Infromation Services
2000	Thomas Nix	Cole Information Services
1996	NIX Thos	NYNEX
1991	Nix Thos	NYNEX Information Resource Company
1983	Nix Thos	New York Telephone
1970	Nix Thos	New York Telephone
1967	Nix Thos	New York Telephone
1962	Nix Thos	New York Telephone Directory

56 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	No Current Listing	Hill-Donnelly Infromation Services

60 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Mc Ginn James Jr	Hill-Donnelly Infromation Services
2000	James Mc Ginn Jr	Cole Information Services
	Gertrude Mc Ginn	Cole Information Services
1996	MCGINN Gertrude Mrs	NYNEX
	STEWART M	NYNEX

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	MC GINN James Jr	NYNEX
1991	Mc Ginn Gertrude Mrs	NYNEX Information Resource Company
	Mc Ginn James Jr	NYNEX Information Resource Company
1983	Mc Ginn Gertrude Mrs	New York Telephone
1970	McGinn Gertrude Mrs	New York Telephone
1967	Young Robt J	New York Telephone
1962	Young Robt J	New York Telephone Directory

62 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Bogart MC	Hill-Donnelly Infromation Services
2000	Joann Bogart	Cole Information Services
1996	RIVERA Joann	NYNEX
1991	Wormold Joseph T	NYNEX Information Resource Company
1983	Coyle Raymond	New York Telephone

63 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Ciambriello R	Hill-Donnelly Infromation Services
2000	R Ciambriello	Cole Information Services
1996	CIAMBRIELLO R	NYNEX
1991	Ciambriello R	NYNEX Information Resource Company
1983	Schmitt Adam	New York Telephone
1970	Rains Oscar	New York Telephone
1967	Rains Oscar	New York Telephone
1962	Rains Oscar	New York Telephone Directory

64 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Ciccone D	Hill-Donnelly Infromation Services
	H Egan 3 L	Hill-Donnelly Infromation Services
2000	John Egan	Cole Information Services
1983	Haines William	New York Telephone
1976	Haines William	New York Telephone
1970	Cordes Jos	New York Telephone
1967	Cordes Jos	New York Telephone

67 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Bregante Marlene & Ronald	Hill-Donnelly Infromation Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	Marlene Bregante	Cole Information Services
1991	Bregante Marlene & Ronald	NYNEX Information Resource Company
1983	Fecht Karen	New York Telephone
1970	Fecht Harold	New York Telephone
1967	Claire Frances A Mrs	New York Telephone
1962	Young Gilbert J Jr	New York Telephone Directory

68 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	HWolken F E AO	Hill-Donnelly Infromation Services
	h Bouderau C	Hill-Donnelly Infromation Services
2000	C Bouderau	Cole Information Services
1996	MURRAY Wm J	NYNEX
	BOUDERAU C	NYNEX
1991	Bouderau C	NYNEX Information Resource Company
	Murray Wm J	NYNEX Information Resource Company
1983	Murray Wm J	New York Telephone
1970	Murray Wm J	New York Telephone
1967	Murray Wm J	New York Telephone
1962	Murray Wm J	New York Telephone Directory

70 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	No Current Listing	Hill-Donnelly Infromation Services
1967	Jaros Arnold G	New York Telephone
1962	Jaros Arnold G	New York Telephone Directory

71 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Murray J MAV as	Hill-Donnelly Infromation Services
2000	Jane Boudreau	Cole Information Services
1996	BOUDREAU D	NYNEX
1970	Upton Wm	New York Telephone
1967	Upton Wm	New York Telephone
1962	Upton Wm	New York Telephone Directory

72 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Ahlmeyer Bryon AO	Hill-Donnelly Infromation Services
2000	Frank W Hurst	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	HURST Frank W	NYNEX
1991	Hurst Frank W	NYNEX Information Resource Company
1983	Hurst Frank W	New York Telephone
1976	Hurst Frank W	New York Telephone
1970	Hurst Frank W	New York Telephone
1967	Hurst Frank W	New York Telephone
1962	Bourke Gerard E	New York Telephone Directory

73 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Recco Cathy A	Hill-Donnelly Infromation Services
2000	Cathy Recco	Cole Information Services
1996	MILLS James	NYNEX
1991	Mills James	NYNEX Information Resource Company

74 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Mentser E A	Hill-Donnelly Infromation Services
2000	E Mentser	Cole Information Services
1996	MENTSER E	NYNEX
1983	Mentser George R	New York Telephone

76 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	No Current Listing	Hill-Donnelly Infromation Services
1996	FLYNN M	NYNEX

77 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Curreril P	Hill-Donnelly Infromation Services
	HGanas JA V	Hill-Donnelly Infromation Services
1991	Mc Gan J	NYNEX Information Resource Company
1983	Mc Faney L R	New York Telephone
	Mc Gan J	New York Telephone
1970	Wolken C	New York Telephone
1967	Wolken Cecelia A	New York Telephone

79 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Wagner Stephanie	Hill-Donnelly Infromation Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Wagner Robert	Hill-Donnelly Infromation Services
	Wagner Robert	Hill-Donnelly Infromation Services
2000	Charles Howard	Cole Information Services
1996	HOWARD Charles	NYNEX
1991	Howard Peggy	NYNEX Information Resource Company
	Howard Charles	NYNEX Information Resource Company
1983	Call A Head	New York Telephone
1976	Howard Chas P	New York Telephone
1970	Howard Chas P	New York Telephone
1939	Ress Barbara M Mrs	New York Telephone Company

80 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Finley William	Hill-Donnelly Infromation Services
2000	William Finley	Cole Information Services
1996	FINLEY William	NYNEX
1991	Finley William	NYNEX Information Resource Company
1983	Finley William	New York Telephone
1976	Finley William	New York Telephone
1970	Back Geo A Mrs	New York Telephone
	Young M D	New York Telephone
1967	Young M D	New York Telephone
	Back Geo A Mrs	New York Telephone
1962	Back Geo A Mrs	New York Telephone Directory
	Young Daisy	New York Telephone Directory
1945	Young Jos	New York Telephone
1939	Young Jos	New York Telephone Company
1934	Young Jos Margt D mach	R. L. Polk & Co.
	Young Margt clk Mhn	R. L. Polk & Co.

82 W 18TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	No Current Listing	Hill-Donnelly Infromation Services
2000	Anna Spaeth	Cole Information Services
1970	Finley Wm	New York Telephone
1967	Finley Wm	New York Telephone
1962	Froeb Wm A	New York Telephone Directory

FINDINGS

W 18TH ST

18 W 18TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Episcopal Mission Society	NYNEX

W 19TH RD

18 W 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	HOgden JIL AA	Hill-Donnelly Infromation Services

22 W 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Ruddick Arthur F	Hill-Donnelly Infromation Services
2000	Arthur F Ruddick	Cole Information Services
1996	RUDDICK Arthur F	NYNEX
1991	Ruddick Arthur F	NYNEX Information Resource Company
1983	Ruddick Patrick	New York Telephone
	Ruddick Arthur F	New York Telephone
1970	Ruddick Arthur F	New York Telephone
1967	Ruddick Arthur F	New York Telephone

28 W 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Lee Laura 0718 945 0859 o	Hill-Donnelly Infromation Services
1996	SMITH A	NYNEX
1991	Lueska Julia	NYNEX Information Resource Company
1983	Lueska Julia	New York Telephone
	Luetich J J	New York Telephone
1976	Lueska Julia	New York Telephone
	T	New York Telephone
1970	Paprotsky Julia	New York Telephone
	Moore Rose E	New York Telephone
1967	Moore Rose E	New York Telephone
	Paprotsky Julia	New York Telephone
1962	Moore Howard C	New York Telephone Directory
	Paprotsky Julia	New York Telephone Directory

FINDINGS

32 W 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Walters 3 A	Hill-Donnelly Infromation Services
	h Kilbride Jennifer v 718 318 7906 o	Hill-Donnelly Infromation Services
2000	Jennifer Kilbride	Cole Information Services
1991	Amendolara Virginia	NYNEX Information Resource Company
1983	Walters T L	New York Telephone
	Cavanaugh Eugene	New York Telephone
1976	Hansen Arthur	New York Telephone
1970	Walters Thelma L	New York Telephone
	Gross Roy Jr	New York Telephone
1967	Walters Thelma L	New York Telephone
	Hay Carol A	New York Telephone
1962	Walters Thelma L	New York Telephone Directory

33 W 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	NCLO	Hill-Donnelly Infromation Services
2000	David Cook	Cole Information Services
1991	Cook David	NYNEX Information Resource Company
1976	Cook David	New York Telephone
	Daves Boats & Bait	New York Telephone
1967	Schafenberg Margaret	New York Telephone

36 W 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Pazlenza B AV	Hill-Donnelly Infromation Services
2000	B Paziencz	Cole Information Services
1996	PAZIENZA B	NYNEX
	Channel Oil Inc	NYNEX
	BRADFORD Kimberty	NYNEX
1991	Pazienza B	NYNEX Information Resource Company
	Bradford B	NYNEX Information Resource Company
1983	Pazienza B	New York Telephone

43 W 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	Channel Oil Inc	Cole Information Services

FINDINGS

46 W 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Kelly Eugene	New York Telephone
1967	Kelly Eugene	New York Telephone

63 W 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	No Current Listing	Hill-Donnelly Infromation Services
1996	SCHMITT Adam	NYNEX
1991	Schmitt Adam	NYNEX Information Resource Company
1983	Schmitt Richard	New York Telephone

64 W 19TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Doctors Telephone Answering	Hill-Donnelly Infromation Services

W 20TH RD

10 W 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	GREEN P	NYNEX
1991	Green P	NYNEX Information Resource Company
1983	Green P	New York Telephone
1976	Green P	New York Telephone

12 W 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Marcus H A	Hill-Donnelly Infromation Services
	h Kamara V	Hill-Donnelly Infromation Services
	Gladstone Andrew v 0718 471 2751 o	Hill-Donnelly Infromation Services

15 W 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Dooley William J 0 718 318 8210 o	Hill-Donnelly Infromation Services
	Dooley Robert A	Hill-Donnelly Infromation Services

17 W 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Polaski Erin v	Hill-Donnelly Infromation Services
	H Scoti Toni v O	Hill-Donnelly Infromation Services

FINDINGS

19 W 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Marcosno Rita	Hill-Donnelly Infromation Services
	Scotti ack E A	Hill-Donnelly Infromation Services

20 W 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Broad Channel Athletic Club Field House	NYNEX

23 W 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	HTubridy DJA	Hill-Donnelly Infromation Services
2000	Patricia Tubridy	Cole Information Services
	Daniel Tubridy	Cole Information Services
1996	TUBRIDY Pasrick	NYNEX
	TUBRIDY Patricia	NYNEX
	TUBRIDY Daniel	NYNEX
1991	Broad Channel Land Co Inc	NYNEX Information Resource Company
	Tubridy Daniel	NYNEX Information Resource Company
	Tubridy Patrick	NYNEX Information Resource Company
1983	Waichaitis Henry	New York Telephone
1970	Waicnartis Henry	New York Telephone
1967	Waichaitis Henry	New York Telephone
1962	Hughes Jas	New York Telephone Directory
	Hughes Geraldine C	New York Telephone Directory

25 W 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Amemann Paul O	Hill-Donnelly Infromation Services
	Amemann Paul	Hill-Donnelly Infromation Services
2000	Paul Amemann	Cole Information Services
	Paul Arriemann	Cole Information Services
1991	Arnemann Paul	NYNEX Information Resource Company
1983	Arnemann Paul	New York Telephone
1976	Arnemann Paul	New York Telephone
1967	Preveliqe Paul P	New York Telephone
1962	Prevelige Paul P	New York Telephone Directory
1939	Mc Carthy John J	New York Telephone Company

FINDINGS

31 W 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Minami	Hill-Donnelly Infromation Services

38 W 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Willsen John 0718 474 6448 o	Hill-Donnelly Infromation Services
	h Calzetti A	Hill-Donnelly Infromation Services
2000	John Willsen	Cole Information Services

64 W 20TH RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Cpas 1s	Hill-Donnelly Infromation Services
	Channel Marine Sales Inc	Hill-Donnelly Infromation Services
2000	Channel Marine SlS	Cole Information Services
1996	Channel Marine Sales W	NYNEX
	Central Phone Answering Svce Ltd	NYNEX

FINDINGS

TARGET PROPERTY: ADDRESS NOT LISTED IN RESEARCH SOURCE

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

Address Researched

96th Street between West 19th and West 20th Roads

Address Not Listed in Research Source

2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

ADJOINING PROPERTY: ADDRESSES NOT LISTED IN RESEARCH SOURCE

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

Address Researched

10 W 20TH RD

12 W 20TH RD

14 W 18TH RD

14411 BARCLAY AVE

15 W 20TH RD

16 W 18TH RD

17 W 18TH RD

17 W 20TH RD

18 18TH RD

18 W 18TH RD

18 W 18TH ST

18 W 19TH RD

187 BEACH 137TH ST

18907 35TH AVE

19 E 20TH RD

19 W 20TH RD

20 E 20TH RD

20 W 18TH RD

20 W 20TH RD

21 18TH RD

22 W 18TH RD

22 W 19TH RD

Address Not Listed in Research Source

2005, 2000, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

1976, 1962, 1950, 1945, 1939, 1922

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1976, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched

23 W 20TH RD

24 W 18TH RD

25 W 18TH RD

25 W 20TH RD

254 BEACH 135TH ST

26 W 18TH RD

27 W 18TH RD

28 W 18TH RD

28 W 19TH RD

31 20TH RD

31 W 20TH RD

32 19TH RD

32 20TH RD

32 W 18TH RD

32 W 19TH RD

33 19TH RD

33 W 19TH RD

34 W 18TH RD

35 20TH RD

36 19TH RD

36 208TH ST

36 20TH RD

36 W 18TH RD

36 W 19TH RD

37 20TH RD

38 20TH RD

38 E 20TH RD

38 W 17TH RD

38 W 18TH RD

38 W 20TH RD

40 17TH RD

40 W 17TH RD

Address Not Listed in Research Source

1976, 1950, 1945, 1939, 1934, 1922

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1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched

40 West 19th Road

41 19TH RD

41 W 17TH RD

42 20TH RD

42 W 17TH RD

43 20TH RD

43 W 19TH RD

45 20TH RD

46 W 18TH RD

46 W 19TH RD

47 W 17TH RD

50 W 17TH RD

50 W 18TH RD

52 19TH RD

52 W 18TH RD

54 W 18TH RD

56 W 18TH RD

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58 17TH RD

58 W 17TH RD

59 W 17TH RD

60 W 17TH RD

60 W 18TH RD

61 W 17TH RD

62 17TH RD

62 W 18TH RD

63 W 18TH RD

63 W 19TH RD

64 W 18TH RD

64 W 19TH RD

64 W 20TH RD

65 20TH RD

Address Not Listed in Research Source

2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

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1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

2005, 2000, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched

67 E 18TH RD
67 W 18TH RD
68 W 18TH RD
69 17TH RD
69 W 17TH RD
70 W 18TH RD
71 W 18TH RD
72 W 18TH RD
73 19TH RD
73 W 18TH RD
74 W 18 RD
74 W 18TH RD
75 18TH RD
76 19TH RD
76 W 18TH RD
77 17TH RD
77 19TH RD
77 W 18TH RD
78 19TH RD
79 19TH RD
79 W 18TH RD
80 W 18TH RD
82 W 18TH RD
90 208TH
90 208TH ST
93 208TH
93 208TH ST
94 208TH ST
96 208TH ST
99 17TH RD
99 208TH ST

Address Not Listed in Research Source

2005, 2000, 1996, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
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1976, 1950, 1945, 1939, 1934, 1922
2005, 2000, 1996, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
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2005, 2000, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
2005, 2000, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
2005, 2000, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922



New York City Department of Design and Construction
Final Phase I Environmental Site Assessment Report
Former Schmitt's Marina
96th Street between West 19th Road and West 20th Road, Queens, New York

APPENDIX H

USER PROVIDED DOCUMENTS



NEW YORK CITY DEPARTMENT OF
DESIGN AND CONSTRUCTION

**ENVIRONMENTAL SITE ASSESSMENT
PROPERTY QUESTIONNAIRE**

The New York City Department of Design and Construction is preparing an Environmental Site Assessment of the following property:

Property Location: Former Schmitt's Marina, Broad Channel, Queens

Block/Lot No.: Block 15324, lot 1, p/o 999; Block 15327, lot 10; Block 15350. p/o lot 1;
Block 15326, lot 20

Name of Person Completing Questionnaire: Naeem Janjua, DCAS/Jose Lopez, Parks

As part of the Environmental Site Assessment, it is necessary to obtain, to the extent possible, detailed information regarding the environmental condition of the referenced site. The information will assist in the completion of "all appropriate inquiry" in accordance with ASTM Standard Practice E1527-05. Please take a few moments to answer the following questions as completely as possible.

1. What is the current use of the property?

- Residential – Single Family
- Residential – Multi Family
- Commercial
- Industrial/Manufacturing
- Agriculture
- Unimproved
- Other

Describe type of use:

2. What is the estimated age of all on-site structures? N/A

3.

4. Do you believe that any asbestos containing building materials are present on-site?

- Yes
- Potential
- No
- Unknown

5. Do you believe that lead based paint was ever used on the property?
- Yes
 Potential
 No
 Unknown
6. Have any other type of environmental assessments/investigations ever been performed on the property?
- Yes What Type: _____
 No
 Unknown
7. Do any of the on-site buildings have fluorescent light fixtures?
- Yes
 No
 Unknown
8. Has the property ever been used as any of the following?
- Industrial/Manufacturing Operation
 Gasoline Station
 Automotive Repair Facility
 Commercial Printing Facility
 Dry Cleaning Facility
 Photo-Developing Facility
 Junk Yard/Scrap Yard
 Landfill
 Waste Treatment Storage/Treatment Facility
 Disposal Processing/Recycling Facility
Other: Boat storage/Marina
9. Are there currently, or have there been any of the following located on the property?
- Damaged/discarded automotive/industrial batteries
 Individual containers of chemicals
 Individual containers of paints
 Unknown
10. Are there currently, or have there previously been any industrial drums or sacks/bags of chemicals located/stored on the property?
- Yes
 No
 Unknown
11. Has fill material ever been brought onto the property?
- Yes

- No
- Unknown

12. What type of fill material?

- Construction debris
- Trash
- Clean soil/stone
- Potentially contaminated soil
- Unknown

13. Are there currently, or have there ever been underground storage tanks (USTs) or above ground storage tanks (ASTs) located on the property?

- Yes Number and Size: _____
- No
- Registration No(s): _____
- Unknown

12a. Were the USTs or ASTs installed after 1988?

- Yes
- No
- Unknown

12b. Has leak detection equipment been installed with the tank(s)?

- Yes
- No
- Unknown

12c. Have any USTs or ASTs ever been replaced/upgraded by new USTs or ASTs?

- Yes
- No
- Unknown

14. Has any remediation (removal of contaminated soil/water) ever been performed on the site?

- Yes
- No
- Unknown

15. Have any existing UST's had tightness testing performed?

- Yes
- No
- Unknown

16. Have there ever been any spills (>5 gallons) of oil or chemicals that have occurred on-site?

- Yes Was the incident reported to a regulatory agency: _____
 No (If yes, spill # _____)
 Unknown

17. Are there currently any above ground storage tanks (ASTs) located on the property?

- Yes Number and Size: _____
 No

16a. Have there ever been any above ground storage tanks (ASTs) located on the property?

- Yes When removed: _____
 No
 Unknown

16b. If there are ASTs present on-site, have there ever been any spills/discharges associated with the ASTs? n/a

- Yes
 No
 Unknown

18. Are there any wells located on-site?

- Yes
 No
 Unknown

19. Are there any recharge basins, retention basins, or holding basins located on the property?

- Yes
 No
 Unknown

20. Are there any septic/cesspool systems located on the property?

- Yes
 No
 Unknown

21. Are the on-site buildings served by local water, sanitary, and storm water utilities?
- Yes
 No
 Unknown
22. Are there currently, or have there previously been any electrical transformers (PCB-Containing) located on the property?
- Yes
 No
 Unknown
23. Are there any wetlands/surface water bodies located on the property?
- Yes
 No
 Unknown
24. Has the property ever been tested for the presence of radon?
- Yes
 No
 Unknown
25. Are there any conditions/issues with the property that could be considered potential areas of environmental concern? (please explain):

TO: Jean M. Jean-Louis
NYCDDC – Bureau of Geotechnical and Environmental Services
30-30 Thompson Avenue
Long Island City, NY 11101

FROM: Stephen A. Morse, PE, LEED AP
Louis Berger and Assoc., P.C.
199 Water Street, 23rd Floor
New York, NY 10038

ATTENTION: Jean M. Jean-Louis

DATE: May 15, 2009

SUBJECT: Schmitt's Marina, 96 Street Bet. West 19th and West 20th Roads, Queens, NY
Site Investigation for Schmitt's Marina
DDC ID No: BEGS2007005
WOL No: 6067-LBA-2-5959

On behalf of the New York City Department of Design and Construction (NYCDDC), Louis Berger and Assoc., P.C. (LBA) has prepared this memorandum to summarize the work conducted at Schmitt's Marina located on 96th Street between West 19th Road and West 20th Road, Queens, New York (herein after referred to as "the Site"). The Site is a former Marina with approximately 274 boats dry docked on land at the time of this work. The location of the Site is depicted in Figure 1.

Site Description

The Site is an unpaved lot approximately 20.41 acres in size with no standing structures on it (Figure 2). There are approximately 274 boats dry docked throughout the Site. Debris, including above ground storage tanks (AST), propane tanks and marine batteries, was observed during the walkthrough in large piles and scattered throughout the Site. The Site is bordered on the west by Jamaica Bay and surrounded by residential houses along the north and east sides. The south side of the Site is bordered by a recreational park. There is 24 hour security and an eight foot tall fence around the Site. The Site is classified as estuarine and marine deepwater wetlands. Refer to Figure 3 for a Site plan with a wetlands overlay.

Topography

According to the US Geological Survey (USGS) topographic quadrangle map, *Far Rockaway, NY*, the Site has an approximate elevation from 0 to 7 feet above mean sea level (amsl). The Site is located in a residential neighborhood.

Geology and Hydrology

According to the *Subsurface Geology and Paleogeography of Queens County, Long Island, New York*, the surficial soils are underlain by Upper Pleistocene Deposits, consisting of glacial drift material such as till, lacustrine deposits, and outwash sand and gravel (USGS, 1978). The Upper Pleistocene Deposits are

estimated to be approximately 180 feet thick in the area of the Site, and are underlain by the Gardiners Clay Formation (USGS, 1978). The Gardiners Clay consists of irregular dark-colored beds alternating with layers of sand, fine gravel, and very fine silt with organic matter consisting of lignitized wood. The Formation grades downward through glauconitic and locally fossiliferous sand into the Jameco Gravel (Sanders et al. 1994).

Groundwater is expected to be present at less than 5 feet below ground surface (bgs) and to flow west into Jamaica Bay.

Findings of Site Walkthrough

Mr. Jonathan Ganz and Mr. Stephen Morse of LBA, Mr. Paul Ekezie of the NYCDDC Bureau of Environmental and Geotechnical Services (BEGS), Mr. Ivan Rodriguez of Clean Ventures Inc. (CVI), and Mr. Eddey Fernandez of the Department of Citywide Administrative Services (DCAS) performed a walkthrough at the Site on March 9, 2009 to assess conditions related to the removal of oil, fuel, hydraulic and other fluid removal from the boats found dry docked. A summary of the findings are listed below:

- 274 boats were found to be at the Site comprised of a mix of inboard and outboard motored boats.
- Large piles of debris with potentially environmentally impacting materials located throughout the Site, including twenty-six (26) 12-volt marine batteries.
- Limited accessibility to the boats due to Site conditions and proximity of the boats to each other.

The walkthrough resulted in a decision to conduct a formal inventory in order to properly scope, schedule and budget the evacuation of fluids from all the boats.

Photos from the Site walkthrough are provided as Appendix 1 – Photo Log.

Findings of Site Inventory

A subsequent inventory of the boats was conducted by Mr. Jonathan Ganz on March 11 and 12, 2009 (Appendix 2 – Inventory Table) which resulted with the following information. A total of 274 boats were inventoried, separated into three types (inboard motors, outboard motors and sailboats) and further broken down in to the presence or absence of either an inboard or outboard motor. In addition, any fuel tanks observed in the surveyed boats were documented. The results of the inventory found boats with a motor and fuel tank(s), boats with a fuel tank(s) and no motor, boats with no motor or fuel tank and any combination thereof. A summary of the Site inventory is presented in Table 1 (below):

Table 1: - Summary of Inventory

	BOAT TYPE			
	Inboard Motors	Outboard Motors	Sail Boats	Site Total
Total number of boats	160	110	4	274
With motors	138	10	0	148
Without motors	22	100	4	126

	FUEL TANK INVENTORY			
	Inboard Motors	Outboard Motors	Sail Boats	Site Total
Fuel Tank Present	158	88	0	246
No Fuel Tank Present	2	22	4	28

Evacuation of Boats Onsite – Round One

Overview of Round One:

On April 6, 2009, Mr. Jonathan Ganz of LBA, Mr. Paul Ekezie of DDC; Mr. Medhat Sharopeam of DCAS; and Mr. Ivan Rodriguez, Roberto Cagliano, Jr. and Lance Rycewski of CVI returned to the Site to begin evacuating fluids from tanks and engines on the boats. In order to organize Site activities, the Site was divided into three sections: A, B and C. Each section was completed in full prior to moving on to the next section. The Site activities began in section B, then moved to section A and finished with section C.

Methodology of Round One:

The first round LBA's and CVI's work consisted of evacuating the fluids (fuel oil, motor oil, hydraulic fluid, power steering fluid and coolant) from boat reservoirs. This was done predominantly by inserting a vacuum hose down the dipstick and/or fill ports of the various, accessible reservoirs and vacuuming out the fluids via suction methods as described in the proposed scope.

A summary of the method of evacuation of fluids from the boats during Round One consisted of the following:

- Locating the fuel tanks.

- Exposing them and opening them to gain access to the fuel (this sometimes involved demolition with sledge hammers, saws and other tools).
- Evacuating the fluids (fuel oil, motor oil, hydraulic fluid, power steering fluid and coolant) from the engine reservoirs and fuel tanks through the dipstick or fill port using a vacuum truck.
- Oil and fuel filters were removed and the filter ports were evacuated to the extent possible.

Summary of Round One:

The following is a summary of the progress of each days work onsite:

Table 2: - Summary of Daily Progress – Round One

		06-Apr-09	07-Apr-09	08-Apr-09	09-Apr-09	13-Apr-09	14-Apr-09	15-Apr-09	16-Apr-09	17-Apr-09	Total
Boats	Evacuated	17	15	16	16	30	41	42	48	49	274
	Total	17	32	48	64	94	135	177	225	274	
Fluids	Quantity (gal)	272	158	271	352	561	544	706	480	544	3888 (gal)
	Total (gal)	272	430	701	1053	1614	2158	2864	3344	3888	
Battery	Collected	1	7	0	0	2	3	7	4	2	26
	Total	1	8	8	8	10	13	20	24	26	

The fluids evacuated from the boats remained onsite, sealed within the vacuum truck at the end of each day. The maximum capacity of the vacuum truck was 3,250-gallons. At the end of each week the fluids were transported inside the vacuum truck to a waste disposal facility in compliance with all federal, state and local regulations.

Twenty-six (26), 12-volt marine batteries found on Site were removed and transported to a waste disposal facility in compliance with all federal, state and local regulations. (Appendix 3 - Waste Manifests / Disposal Receipts).

Evacuation of Boats Onsite – Round Two

Overview of Round Two:

Subsequent inspection of the evacuated boats by the City of New York Department of Sanitation (DSNY) revealed that additional, residual fluids (motor oil, hydraulic, power steering and coolant) were present in several of the inboard motors. On Friday, May 1, 2009, John Lacanlale of LBA and Angela Sabet and Richard Meserole of DDC reconvened at the Site to discuss residual amounts of fluid remaining in the inboard motors. At the request of the DDC, LBA returned to the Site with CVI in order to conduct an additional round of evacuation of residual fluids from reasonably accessible boats housing inboard motors. Mr. Jonathan Ganz and Mr. John Lacanlale from LBA, accompanied by Mr. Ivan Rodriguez and two laborers from CVI returned to the Site for Round Two on May 4, 5, 7 and 8, 2009.

Methodology of Round Two:

LBA/CVI's work consisted of evacuating the remaining reasonably-accessible, residual fluids in boat motors. This was done by one of three (3) methods:

- **Method 1:** If the oil pan drain plug was accessible, it was removed allowing the oil to drain into a container which was then vacuumed into the vac-truck;
- **Method 2:** If the oil pan drain plug was rusted or stripped, or the oil pan drain plug was not accessible, a hole was drilled or punctured into the side of the pan using a drill or sledgehammer and chisel. The oil was vacuumed out through the hole into the vac-truck; or
- **Method 3:** If there was no access, even to the side of the oil pan, the vacuum hose was re-inserted down the dipstick port to vacuum out the oil in order to be as thorough as reasonably possible. Associated hoses were cut and drained where accessible.

Summary of Round Two:

A total of 41 boats and oil pans were reasonably accessible and were evacuated to the greatest potential possible using the scoped technologies and methods in the four days of Round Two. Residual films may be present on some components after fluid evacuation.

As boats were completed, they were marked with different symbols to represent their status: an "x" with a circle and a line through has been evacuated using Method 1 or Method 2; and a triangle means that there was no access to the oil pan and only Method 3 was used to evacuate fluids. Refer to Appendix 2 – Inventory Table for a list of the boats, along with their method number and symbol, which were evacuated in Round Two.

110 boats had outboard motors and did not require further evacuation during Round Two. A total of 41 boats were reasonably-accessible and evacuated during Round Two. Portions of the fluids on the remaining 123 boats were inaccessible either due to the configuration of the motor or the position of the boat. A triangle was painted on these 123 boats indicating residual fluids may be present. All fill ports encountered were plugged closed to reduce the infiltration of rainwater into reservoirs. 882 gallons of fluids were collected and removed from the Site. No batteries were found on Site.

On Friday, May 8, 2009, representatives of CVI, LBA, DDC, DCAS and DSNY met on Site to discuss the method and extent of the fluid evacuation during both Round One and Round Two. The “triangle” designation was explained and agreed upon by all parties present.

Conclusions

At the completion of the onsite activities, 123 boats were found to be inaccessible during Round Two either due to the configuration of the motor or the position of the boat and therefore may contain residual fluids. A triangle was painted on these 123 boats. The other 151 boats were reasonably-accessible and were evacuated to the extent reasonably possible in Round One or Round Two using Methods 1 or 2. A total of 4,770-gallons of fluid and 26, 12-volt marine batteries removed from the Site.

Recommendations

Without dismantling the motors, there will remain a minimal amount of residual oil within boats housing inboard motors. To prevent further contamination of the Site, it is recommended that a form of spill containment be used while crushing the boats in order to minimize the potential of subsurface impacts due to residual fluids that were unable to be evacuated. The type of spill containment should be designed and implemented based on the planned DSNY boat crushing operations.

Should a property transaction or development of the property ensue, LBA recommends that a subsurface investigation be performed to find, delineate and remediate any contaminants that may have impacted soil or groundwater within the Site area due to the environmental concerns observed during site activities.

Prepared by:



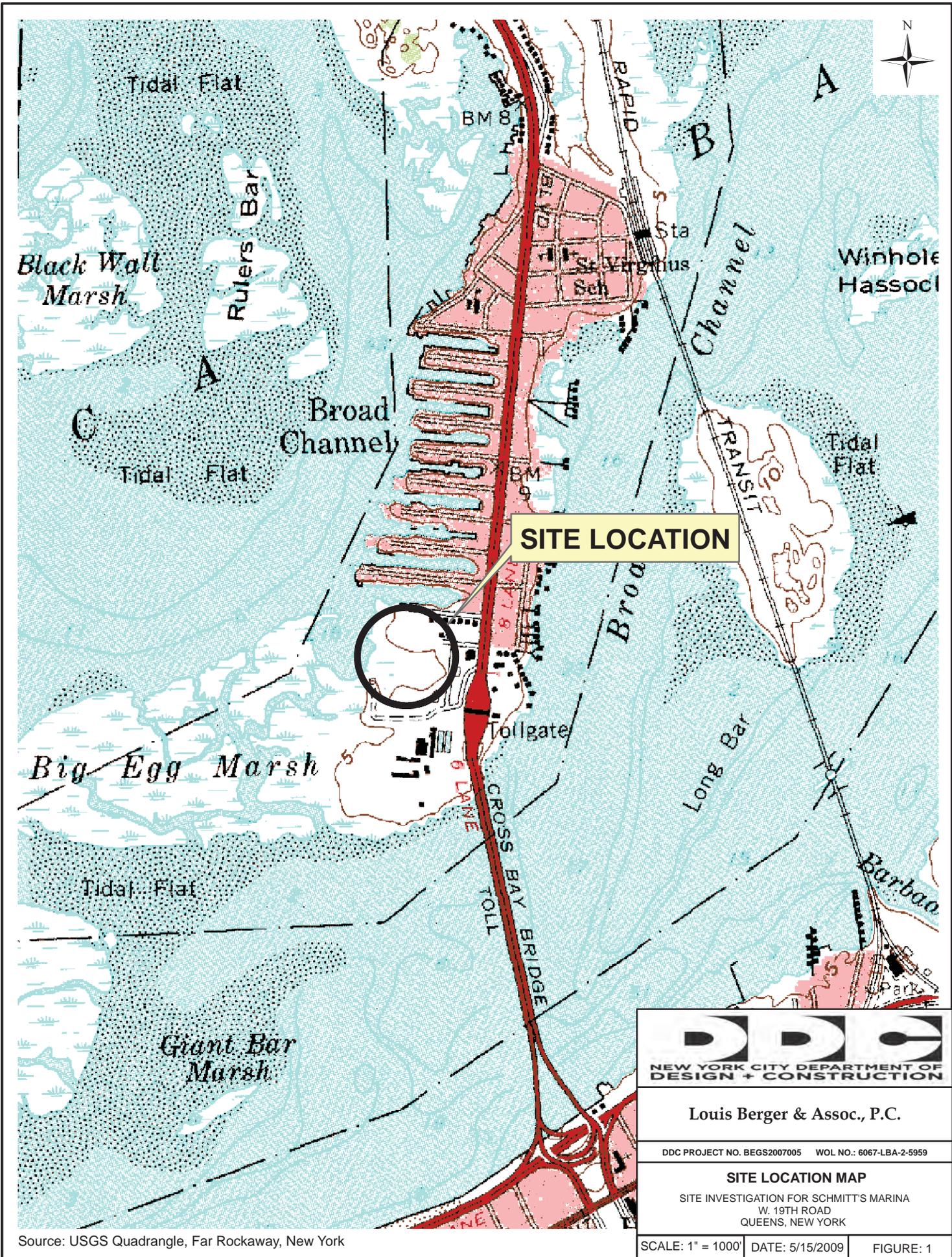
Stephen A. Morse, P.E.
Principal Engineer

Reviewed by:



Michael J. McCloskey, PG
QA/QC Manager

Figure 1
Site Location Map



Source: USGS Quadrangle, Far Rockaway, New York



Louis Berger & Assoc., P.C.

DDC PROJECT NO. BEGS2007005 WOL NO.: 6067-LBA-2-5959

SITE LOCATION MAP

SITE INVESTIGATION FOR SCHMITT'S MARINA
W. 19TH ROAD
QUEENS, NEW YORK

SCALE: 1" = 1000'

DATE: 5/15/2009

FIGURE: 1

Figure 2

Site Plan



W. 19TH ROAD

ZONE A

ZONE B

ZONE C



NEW YORK CITY DEPARTMENT OF
DESIGN + CONSTRUCTION

Louis Berger & Assoc., P.C.

DDC PROJECT NO. BEGS2007005 WOL NO.: 6067-LBA-2-5959

SITE AREA MAP

SITE INVESTIGATION FOR SCHMITT'S MARINA
W. 19TH ROAD
QUEENS, NEW YORK

NOT TO SCALE

DATE: 5/15/2009

FIGURE: 2

Figure 3
Wetland Map



W. 19TH ROAD

ZONE A

ZONE B

ZONE C

DDC
 NEW YORK CITY DEPARTMENT OF
 DESIGN + CONSTRUCTION

Louis Berger & Assoc., P.C.

DDC PROJECT NO. BEGS2007005 WOL NO.: 6067-LBA-2-5959

SITE PLAN WITH CURRENT WETLAND OVERLAY

SITE INVESTIGATION FOR SCHMITT'S MARINA
 W. 19TH ROAD
 QUEENS, NEW YORK

NOT TO SCALE

DATE: 5/15/2009

FIGURE: 3

Legend

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

Note: Wetland information downloaded from
 US Fish & Wildlife Service (USFWS), 2004

Appendix 1

Photo Log



Photograph #1: Broad Site view looking northeast.



Photograph #2: Broad Site view looking north.



Photograph #3: Pile of miscellaneous debris onsite.



Photograph #4: Two abandoned ASTs onsite.



Photograph #5: Boats docked along the eastern boundary on the north side of Site.



Photograph #6: Limited access to some areas of Site due to marsh and obstructions.



Photograph #7: Example of inboard motor with limited to no access to oil drain pan.



Photograph #8: Example of inboard motor with limited to no access to oil drain pan.

Appendix 2

Inventory Tables

Site Inventory
Schmitt's Marina
West 19th Road, Queens, NY

Boat Ser. No.	Boat Name	Inboard (I), Outboard (O) or Sailboat (S)	Motor Oil (Yes/No)	Fuel Oil (Yes/No)	Power Steering Oil (Yes/No)	Hydraulic Fluid (Yes/No)	Anti-Freeze (Yes/No)	Misc. Fluid (Yes/No)	Method of Extraction
CF 6608 CU	N/A	I	Y	N	N	N	N	N	2
DL 904 J	N/A	O	N	N	N	N	N	N	N/A
N/A	(Red boat)	I	Y	N	N	N	N	N	2
N/A	N/A	I	Y	N	N	N	N	N	3 (Δ)
N/A	N/A	I	Y	N	N	N	N	N	3 (Δ)
N/A	N/A	I	Y	N	N	N	N	N	3 (Δ)
N/A	N/A	I	Y	N	N	N	N	N	3 (Δ)
N/A	N/A	O	N	N	N	N	N	N	N/A
N/A	N/A	O	N	N	N	N	N	N	N/A
N/A	N/A	O	N	N	N	N	N	N	N/A
N/A	N/A	O	N	N	N	N	N	N	N/A
N/A	N/A	O	N	N	N	N	N	N	N/A
N/A	N/A	O	N	N	N	N	N	N	N/A
N/A	N/A	O	N	N	N	N	N	N	N/A
N/A	N/A	S	N	N	N	N	N	N	N/A
NH 6612 AV	N/A	I	Y	N	N	N	N	N	3 (Δ)
NJ 1634 FB	N/A	I	Y	N	N	N	N	N	3 (Δ)
NJ 5537 AE	Ski Bum	I	N	N	N	N	N	N	2
NJ 6157 AL	N/A	I	Y	N	N	N	N	N	2
NJ 8154 FC	N/A	I	Y	N	N	N	N	N	3 (Δ)
NJ 952 CY	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 0046 DR	N/A	O	N	N	N	N	N	N	N/A
NY 0054 JU	N/A	O	N	N	N	N	N	N	N/A
NY 0109 DM	N/A	O	N	N	N	N	N	N	N/A
NY 0150 PN	N/A	O	N	N	N	N	N	N	N/A
NY 02060 DN	N/A	O	N	N	N	N	N	N	N/A
NY 0211 KF	N/A	O	N	N	N	N	N	N	N/A
NY 0212 PP	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 0237 UM	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 0446 KF	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 05011 DN	N/A	O	N	N	N	N	N	N	N/A
NY 0502 PM	N/A	O	N	N	N	N	N	N	N/A

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NY 0537 DU	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 0542 DG	N/A	I x2	Y	N	N	N	N	N	3 (Δ)
NY 0681 JZ	N/A	O	N	N	N	N	N	N	N/A
NY 0710 CC	N/A	O	N	N	N	N	N	N	N/A
NY 0789 JY	N/A	O	N	N	N	N	N	N	N/A
NY 0830 DR	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 0953	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1031 BW	N/A	I	Y	N	N	N	Y	N	1
NY 1031 BW	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1037 KF	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1045 DN	Formis	O	N	N	N	N	N	N	N/A
NY 1053 JU	N/A	O	N	N	N	N	N	N	N/A
NY 1082 KV	N/A	O	N	N	N	N	N	N	N/A
NY 1093 PN	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1110 RT	N/A	O	N	N	N	N	N	N	N/A
NY 1135 OS	N/A	O	N	N	N	N	N	N	N/A
NY 1174 KU	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1233 KU	N/A	O	N	N	N	N	N	N	N/A
NY 1288 DR	N/A	O	N	N	N	N	N	N	N/A
NY 1290 EN	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1311 JR	N/A	I	Y	N	N	N	N	N	1
NY 1348 KF	N/A	I	Y	N	N	N	N	N	2
NY 1397 KU	N/A	O	N	N	N	N	N	N	N/A
NY 1406 PE	N/A	O	N	N	N	N	N	N	N/A
NY 1409 JR	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1428 PN	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1450 JT	N/A	I	N	N	N	N	N	N	2
NY 1458 DR	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1472 EV	N/A	O	N	N	N	N	N	N	N/A
NY 1482 DH	N/A	O	N	N	N	N	N	N	N/A
NY 1520 KS	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1528 PE	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1631 JW	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1771 HP	N/A	O	N	N	N	N	N	N	N/A
NY 1826 DR	N/A	O	N	N	N	N	N	N	N/A
NY 1851 PM	N/A	O	N	N	N	N	N	N	N/A
NY 1858 DL	N/A	I	Y	N	N	N	N	N	2
NY 1878 EK	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1881 EK	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1884 EL	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1906 DN	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1936 CV	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 1937 PM	N/A	O	N	N	N	N	N	N	N/A

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NY 1971 FG	N/A	O	N	N	N	N	N	N	N/A
NY 1993 DL	N/A	O	N	N	N	N	N	N	N/A
NY 2009 DU	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2013 EH	N/A	O	N	N	N	N	N	N	N/A
NY 2074 FW	N/A	O	N	N	N	N	N	N	N/A
NY 2148 EK	N/A	O	N	N	N	N	N	N	N/A
NY 2159 PJ	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2172 PG	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2173 FB	N/A	O	N	N	N	N	N	N	N/A
NY 2184 GR	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2231 PF	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2250 PK	Karen Ann	I	Y	N	N	N	N	N	2
NY 2261 PF	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2349 DL	N/A	O	N	N	N	N	N	N	N/A
NY 2351 PK	Case Dismissed	I	Y	N	N	N	N	N	3 (Δ)
NY 2360 DE	Ridge Runner	I	N	N	N	N	N	N	2
NY 2364 KF	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2370 FY	N/A	I	N	N	N	N	N	N	2
NY 2385 HP	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2448 DU	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2452 CA	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2453 EL	N/A	I	Y	N	N	N	N	N	2
NY 2485 BG	N/A	I	Y	N	N	N	N	N	2
NY 2498 DR	N/A	O	N	N	N	N	N	N	N/A
NY 2508 PM	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2545 DN	N/A	O	N	N	N	N	N	N	N/A
NY 2600 EV	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2615 PD	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2663 PG	N/A	I	Y	N	N	N	Y	N	2
NY 2720 DN	N/A	O	N	N	N	N	N	N	N/A
NY 2750	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2824	N/A	I	N	N	N	N	N	N	2
NY 2824 DH	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2830 JY	N/A	I	Y	N	N	N	N	N	2
NY 2871 DW	N/A	O	N	N	N	N	N	N	N/A
NY 2895 EK	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 2947 CV	N/A	O	N	N	N	N	N	N	N/A
NY 2947 KD	N/A	I	Y	N	N	N	N	N	2
NY 2992 EN	N/A	O	N	N	N	N	N	N	N/A
NY 3024 PJ	N/A	O	N	N	N	N	N	N	N/A
NY 3101 BY	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 3133 DX	N/A	O	N	N	N	N	N	N	N/A
NY 3180 E	N/A	O	N	N	N	N	N	N	N/A

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NY 3181	N/A	S	N	N	N	N	N	N	N/A
NY 3271 DN	N/A	O	N	N	N	N	N	N	N/A
NY 3272 FL	N/A	O	N	N	N	N	N	N	N/A
NY 3307 PJ	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 3342 DN	N/A	I	Y	N	N	N	N	N	2
NY 3374 DL	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 3379 JT	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 3442 UU	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 3443 PK	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 3445 UC	N/A	O	N	N	N	N	N	N	N/A
NY 3449 UC	N/A	O	N	N	N	N	N	N	N/A
NY 3629 JY	N/A	O	N	N	N	N	N	N	N/A
NY 3640 PW	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 3646 JY	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 3648 JY	N/A	O	N	N	N	N	N	N	N/A
NY 3652 PG	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 3717 FL	N/A	I	Y	N	N	N	Y	N	2
NY 3815 UK	N/A	O	N	N	N	N	N	N	N/A
NY 3819 UB	N/A	I	Y	N	N	N	N	N	1
NY 4018 DR	N/A	O	N	N	N	N	N	N	N/A
NY 4038 FM	N/A	O	N	N	N	N	N	N	N/A
NY 4047 DE	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 4129 JW	N/A	I	N	N	N	N	N	N	N/A
NY 4147 EL	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 4238 CV	N/A	O	N	N	N	N	N	N	N/A
NY 4254 EL	N/A	O	N	N	N	N	N	N	N/A
NY 4265 DU	N/A	O	N	N	N	N	N	N	N/A
NY 4335 BG	N/A	O	N	N	N	N	N	N	N/A
NY 4349 JR	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 4384 GR	N/A	O	N	N	N	N	N	N	N/A
NY 4409 EL	N/A	O	N	N	N	N	N	N	N/A
NY 4457 JY	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 4465 HG	Good	I	Y	N	N	N	N	N	3 (Δ)
NY 4514 PC	N/A	O	N	N	N	N	N	N	N/A
NY 4544 EH	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 4550 DG	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 4576 PM	N/A	O	N	N	N	N	N	N	N/A
NY 4640 DH	N/A	O	N	N	N	N	N	N	N/A
NY 4659 KU	N/A	O	N	N	N	N	N	N	N/A
NY 4724 EN	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 4780 BW	N/A	O	N	N	N	N	N	N	N/A
NY 4862 JX	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 4887 BU	N/A	O	N	N	N	N	N	N	N/A

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NY 4938 UJ	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 4988 PP	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 5005 GN	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 5060 PG	N/A	I	N	N	N	Y	N	N	2
NY 5065 PG	N/A	O	N	N	N	N	N	N	N/A
NY 5122 HR	N/A	O	N	N	N	N	N	N	N/A
NY 5173 PC	N/A	O	N	N	N	N	N	N	N/A
NY 5180 PM	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 5224 DF	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 5253 DD	N/A	S	N	N	N	N	N	N	N/A
NY 531 HT	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 5315 UT	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 5319 JT	N/A	O	N	N	N	N	N	N	N/A
NY 532 PP	N/A	I	Y	N	N	N	N	N	2
NY 533 DH	N/A	O	N	N	N	N	N	N	N/A
NY 5351 PC	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 5596 DK	N/A	O	N	N	N	N	N	N	N/A
NY 5691 EH	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 5706 DD	N/A	I	N	N	N	N	N	N	2
NY 5825 DL	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 5851 DN	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 5860 PF	N/A	O	N	N	N	N	N	N	N/A
NY 5883 HP	N/A	I	Y	N	N	N	N	N	2
NY 5901 DE	N/A	O	N	N	N	N	N	N	N/A
NY 5926 FL	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 5939 EX	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 5984 BW	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 6013 DE	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 6103 PM	N/A	I	Y	N	N	N	N	N	1
NY 6141 JY	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 6179 AW	N/A	O	N	N	N	N	N	N	N/A
NY 6260 EV	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 6303 DF	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 6543 PP	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 6686 UH	N/A	I	Y	N	N	N	N	N	2
NY 6817 AW	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 6863 DL	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 6866 PA	N/A	O	N	N	N	N	N	N	N/A
NY 6867 AP	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 6906 EN	N/A	O	N	N	N	N	N	N	N/A
NY 6908 PG	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 6949 DH	N/A	O	N	N	N	N	N	N	N/A
NY 7089 JW	N/A	I	Y	N	N	N	N	N	3 (Δ)

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NY 7104 DF	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 7141 JW	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 7189 PE	N/A	I	N	N	N	N	N	N	2
NY 7232 EY	N/A	I	Y	N	N	N	Y	N	1
NY 7277 AP	N/A	O	N	N	N	N	N	N	N/A
NY 7361 PP	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 7405 DL	Elizabeth	I	Y	N	N	N	N	N	2
NY 7435 PM	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 7438 DH	N/A	I	Y	N	N	N	N	N	2
NY 7594 DN	N/A	O	N	N	N	N	N	N	N/A
NY 7594 PD	N/A	I	Y	N	N	N	N	N	2
NY 7696 PD	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 7767 PM	N/A	O	N	N	N	N	N	N	N/A
NY 7841 PE	Mayra	I	Y	N	N	N	N	N	2
NY 7853 BG	N/A	O	N	N	N	N	N	N	N/A
NY 7855 PJ	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 7864 BF	N/A	I	N	N	N	N	N	N	2
NY 7933 JY	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 7954 PD	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 7981 UK	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 7991 DN	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8042 EN	N/A	O	N	N	N	N	N	N	N/A
NY 8078 EG	My Baby	I	N	N	N	N	N	N	2
NY 8099 DF	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8100 PM	N/A	I	N	N	N	N	N	N	2
NY 8121 HR	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8127 BT	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8152 BR	N/A	O	N	N	N	N	N	N	N/A
NY 8158 DL	N/A	O	N	N	N	N	N	N	N/A
NY 8164 PP	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8194 HR	Poppy's Gang	I	Y	N	N	N	N	N	3 (Δ)
NY 8254 PD	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8269 PD	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8324 PC	N/A	O	N	N	N	N	N	N	N/A
NY 8449 DH	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8504 AN	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8549 PC	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8550 PP	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8709 EF	N/A	I	Y	N	N	N	N	N	2
NY 8719 DE	N/A	O	N	N	N	N	N	N	N/A
NY 8721 DN	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8723 PN	N/A	I	N	N	N	N	N	N	2
NY 8825 DL	N/A	O	N	N	N	N	N	N	N/A

Site Inventory
Schmitt's Marina
West 19th Road, Queens, NY

Boat Ser. No.	Boat Name	Inboard (I), Outboard (O) or Sailboat (S)	Motor Oil (Yes/No)	Fuel Oil (Yes/No)	Power Steering Oil (Yes/No)	Hydraulic Fluid (Yes/No)	Anti-Freeze (Yes/No)	Misc. Fluid (Yes/No)	Method of Extraction
NY 8830 DD	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8873 PK	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8908 EN	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 8935 M	N/A	I	N	N	N	N	N	N	2
NY 9135 PM	N/A	O	N	N	N	N	N	N	N/A
NY 9147 PM	N/A	O	N	N	N	N	N	N	N/A
NY 9222 DL	N/A	O	N	N	N	N	N	N	N/A
NY 9324 DE	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 9325 PD	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 9328 DN	N/A	O	N	N	N	N	N	N	N/A
NY 9339 PC	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 9357 DL	Susan R	I	Y	N	N	N	N	N	2
NY 9411 JW	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 9449 DN	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 9496 EY	N/A	I	N	N	N	Y	N	N	2
NY 9545 BT	N/A	O	N	N	N	N	N	N	N/A
NY 9580 PP	N/A	O	N	N	N	N	N	N	N/A
NY 9594 PF	Jeremy	I	Y	N	N	N	N	N	3 (Δ)
NY 9696 HK	N/A	I	Y	N	N	N	N	N	3 (Δ)
NY 9741 DU	N/A	O	N	N	N	N	N	N	N/A
NY 978 DM	N/A	O	N	N	N	N	N	N	N/A
NY 9877 DD	N/A	O	N	N	N	N	N	N	N/A
NY 9900 CA	N/A	S	N	N	N	N	N	N	N/A
NY 9920 DN	N/A	O	N	N	N	N	N	N	N/A
NY 9930 DH	N/A	O	N	N	N	N	N	N	N/A
NY 9987 JS	N/A	I	Y	N	N	N	N	N	3 (Δ)
PA 686 CM	N/A	O	N	N	N	N	N	N	N/A
PA 7681 CB	N/A	O	N	N	N	N	N	N	N/A

Appendix 3

Waste Manifests / Disposal Receipts

CVC Clean Venture / Cycle Chem

cvcc 128573

NON-HAZARDOUS SOLID WASTE

The Environmental Services Source

BILL OF LADING

Generator's Name and Mailing Address **NYC Department of Citywide Admin Service**
One Centre Street, 17th Floor South
New York, NY-10006 Attn:

W/O # 96384
BOL X 1129573
West 19th Road
Queens, NY

Generator's Phone **212 669 7000**
 Transporter 1 Company Name **Clean Venture Inc.** NJ000027193

State Trans. ID-NJDEPE **16755**

Transporter 2 Company Name
 Designated Facility Name and Site Address **Cycle Chem, Inc.** 10. US EPA ID Number

Decal No. **08363**

217 South First Street
Elizabeth, New Jersey 07206 NJD002200046

Transporter's Phone (**9083540210**)

State Trans. ID-NJDEPE

Decal No. -

Transporter's Phone ()

Facility's Phone (**908355-5800**)

US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)

Containers No. Type

Total Quantity

Unit Wt/Vol

Waste No.

	US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)	Containers No.	Type	Total Quantity	Unit Wt/Vol	Waste No.
a.	Non Hazardous Waste Liquid Non D.O.T / Non RCRA	XXXI	TT	1,053	G	1D72
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above
L, Oil, Antifreeze and Water 100%

ERG Codes and Product Codes:
ERG # 128
copy-1

24 Hr. Emergency Ph. (908) 354-0210

Plate # **AG-837L**

VAC # **131**

951469

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and are non-hazardous by USEPA & applicable state regulations.

PLACARDS REQUIRED

N/A

PLACARDS SUPPLIED

YES NO - FURNISHED BY CARRIER

Printed/Typed Name **Medhat Sharafcan**

Signature *M. Sharafcan*

Month Day Year **04 09 09**

Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name **Vance Rudow**

Signature *Vance Rudow*

Month Day Year **04 09 09**

Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest

Printed/Typed Name **Debra Gibson**

Signature *Debra Gibson*

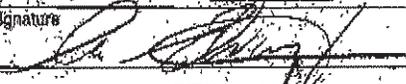
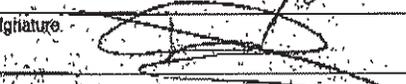
Month Day Year **04 19 09**

CVC CleanVenture/CycleChem

cvcc 114659

NON-HAZARDOUS SOLID WASTE

The Environmental Services Source

BILL OF LADING						
Generator's Name and Mailing Address NYC Department of Citywide Admin Ser one Centre St 17th Floor South New York, N.Y. 10007 Generator's Phone (212) 669-7000			BOL 11/14/09 West 145th Road Queens N.Y. State Trans. ID-NJDEPE 16155 Decal No. 08363 Transporter's Phone (908) 351-0110 State Trans. ID-NJDEPE Decal No. Transporter's Phone Facility's Phone (908) 351-5800			
Transporter 1 Company Name Clean Venture, INC NJ30000027193						
Designated Facility Name and Site Address Cycle Chem, Inc 217 South First St Elizabeth, N.J. 07206			US EPA ID Number NJ111012200014			
US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)						
a.	Non Hazardous Waste liquid NON D.O.T / NON RCRA	Containers No.	Containers Type	Total Quantity	Unit Wt/Vol	Waste No.
			24	44	G	1978
Additional Descriptions for Materials Listed Above 1. Oil Antifreeze and water and Waste Fuel 100%						
CCI Generator # and Product Codes: Job # 5905 01-05 ZIC # 128 24 HR Emergency Ph 908-351-0210 Plate AG 837L						
GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable International and national government regulations and are non-hazardous by USEPA & applicable state regulations.						
PLACARDS REQUIRED <input checked="" type="checkbox"/> N/A <input type="checkbox"/> PLACARDS SUPPLIED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO - FURNISHED BY CARRIER						
Printed/Typed Name ALBERT KIRINGTON		Signature 		Month Day Year 11-17-09		
Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Louis Rodriguez		Signature 		Month Day Year 11-17-09		
Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
FACILITY Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest Printed/Typed Name Alicia Gibson Signature 						

219976

COPY 1 - WHITE - GENERATOR

COPY 2 - PINK - TRANSPORTER

COPY 3 - BLUE - CycleChem

COPY 4 - CANARY - FACILITY

SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES

CVC Clean Venture/Cycle Chem

evcc 114660

The Environmental Services Source

NON-HAZARDOUS SOLID WASTE

BILL OF LADING

UN # 96612

Generator's Name and Mailing Address: *CVC Department of Citywide North Side*
one Convent St. 917th Floor South
New York, N.Y. 10007
 Generator's Phone: *212 689-7000*

BOL # *1114060*
West 19th Road
Queens, N.Y.

Transporter 1 Company Name: *Clean Venture, Inc* *N-1003002192*
 Transporter 2 Company Name: _____

State Trans. ID No. (DEP): _____
 Decal No.: *0891*
 Transporter's Phone: *908-354-0010*

Designated Facility Name and Site Address: *Cycle Chem, Inc*
217 South Ave
Elizabeth, NJ 07208
 US EPA ID Number: *RTD10602000046*
 Facility Phone: *908-354-5600*

State Trans. ID No. (DEP): _____
 Decal No.: _____
 Transporter's Phone (2): _____
 Facility Phone: *908-354-5600*

a.	US DOT Description (including Proper Shipping Name, Hazard Class, or Division, ID Number, and Packing Group)	Containers		Total Quantity	Unit (WAV)	Waste No.
		No.	Type			
	<i>Non-Hazardous Waste liquid</i> <i>Not D.O.T. / Not Regs</i>	<i>1</i>	<i>DRUM</i>	<i>391</i>	<i>G</i>	<i>FD 7B</i>
b.						
c.						
d.						

Additional Descriptions for Materials Listed Above:
L. oil, Antifreeze, water
and waste fuel 100%

CB# Generator's and Product Codes:
Job # 54405 01 of
200 100 100 100 100 100 100 100 100 100
24 Hrs Emergency 908-354-0010
date 4/15/09

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway or for any applicable international and national government regulations and are non-hazardous by ICAO, IATA, ICHIM, and applicable state regulations.

PLACARDS REQUIRED: YES NO
 PLACARDS SUPPLIED: YES NO

Generator's Name: *Medhat Sharif* Signature: *[Signature]* Month/Day/Year: *04/17/09*

Transporter 1 Acknowledgment of Receipt of Materials: Printed/Typed Name: *R. Casco* Signature: *[Signature]* Month/Day/Year: *04/17/09*

Transporter 2 Acknowledgment of Receipt of Materials: Printed/Typed Name: *Medhat Sharif* Signature: *[Signature]* Month/Day/Year: _____

Facility Owner/Operator Certification: I certify that the hazardous materials covered by this manifest are properly described, classified, and labeled, and are in all respects in proper condition for transport by highway or for any applicable international and national government regulations and are non-hazardous by ICAO, IATA, ICHIM, and applicable state regulations.
 Printed/Typed Name: *[Signature]* Signature: *[Signature]* Month/Day/Year: _____

96612

Limited Hazardous Materials Investigation Report
For
Schmitt's Marina
Far Rockaway, Queens, New York

DDC PROJECT NO. BEGS2007005
WORK ORDER NO. 4730-LIRO-1R-4642
CONTRACT REGISTRATION NO. 20070020687

Prepared for:



Bureau of Environmental and Geotechnical Services
30-30 Thomson Avenue
Long Island City, New York 11101

Prepared by:



LiRo Engineers, Inc.
15-09 132nd Street, 2nd Floor
College Point, NY 11356

FINAL
May 4, 2007



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EXECUTIVE SUMMARY

At the request of the City of New York Department of Design and Construction (DDC), LiRo Engineers, Inc. (LiRo) conducted an assessment and sampling of potential hazardous materials located on the ground surface at Schmitt's Marina (the Site) in Far Rockaway, Queens, New York. The investigation was conducted to determine if substances of a hazardous nature exist on the property and to perform an analysis of materials located on the surface of the property that may be hazardous.

The field investigation was conducted on March 26, March 29 and April 3, 2007 and included a site reconnaissance, an inventory of 55-gallon drums, preliminary characterization of the drum contents, sampling of representative drums, and laboratory analysis to evaluate drum contents and disposal requirements. LiRo also reviewed an inventory of on-site items provided by Department of Citywide Administrative Services (DCAS) and evaluated potential hazards and disposal constraints posed by those items.

Based on the site inspection and inventory, LiRo observed the following hazardous or potentially hazardous materials at the site: 55-gallon drums containing oil, lead-acid marine batteries, abandoned and privately owned boats, waste oil in buckets, boat motors, outdrives, aboveground storage tanks, junk vehicles, motorized tools, generators, refrigeration/cooling units, paint, cleaning products, and various chemical-based retail products (cleaning products, etc) sold at the Marina store.

A total of 99 drums were observed at the Site. Forty-seven (47) of the drums were observed to contain oil, one drum contained rainwater and some debris and 51 drums were observed to be empty.

LiRo pre-characterized the contents of each drum and grouped drum contents using five common characteristics as shown in Table 1. Based on the field observations, six drums were sampled representing four of the five common characteristics. One of the common characteristics was mostly water, which was not sampled because the contents were considered to be non-hazardous.



The samples were analyzed for VOCs, SVOCs, PCBs, TCLP parameters, hazardous waste characteristics, total petroleum hydrocarbons (including petroleum fingerprint analysis), and total organic halides. Based on the testing results, LiRo interpreted the following waste characteristics for the drums:

- Used fuel: Four drums classified as hazardous waste based on ignitability and toxicity
- Used oil mixed with fuel: Twenty-one drums classified as a recyclable oil Universal Waste. If the drums containing used oil mixed with fuel are not recycled, the material is considered hazardous.
- Used oil mixed with water: Twenty-two drums classified as non-hazardous used oil mixed with water.

LiRo contacted two waste disposal companies to evaluate potential drum disposal costs. Based on estimates provided by the vendors, the estimated cost to dispose of the drums and contents is in the range of \$11,000 to \$15,000.

In addition to the drums, LiRo also identified the following items of concern and waste management approaches:

- Two (2) active and three (3) inactive ASTs should be drained, cleaned and disposed of by a City-licensed motor fuel handler
- Batteries are subject to regulation under the “Universal Waste Rule” and should be containerized and removed to a permitted recycling or disposal facility.
- Approximately eight (8) 5-gallon pails of oil in open oil containers should be containerized, consolidated and managed as a recyclable used oil.
- A scrap/recycling firm should be solicited to transport and salvage/scrap boats, vehicles, parts, generators & refrigeration units in accordance with applicable regulations.



-
- Products sold in the marina shop, such as cleaning products, spray lubricants, antifreeze, fiberglass solvent, etc. are potentially hazardous items packaged for retail sale and could be sold as-is. If the products are not re-sold, the material should be recycled or managed as a household/small quantity generator Universal Waste.
 - Trash and debris should be managed as solid waste.

Although this investigation is intended to assess above grade environmental conditions, LiRo observed a drainage ditch cut through fill material along the southern end of the Site. The fill material appeared to be composed largely of construction and demolition (C&D) debris containing large quantities of broken glass, plastic and wood. Based upon these observations and alleged unauthorized filling activities at the Site, subsurface investigations are warranted to evaluate potential soil and groundwater contamination.



1.0 INTRODUCTION

1.1 Background

At the request of the City of New York Department of Design and Construction (DDC), LiRo Engineers, Inc. (LiRo) conducted an assessment and sampling of potential hazardous materials located on the ground surface at Schmitt's Marina (the Site) in Far Rockaway, Queens, New York. The site comprises approximately 9 acres and is bounded by West 19th Road to the north, Jamaica Bay to the west, residential properties and a vacant lot operated by the City of New York Department of Citywide Administrative Services (DCAS) to the east and vacant lots operated by DCAS and Broad Channel American Park to the south (Figure 1).

The investigation was conducted to:

- Conduct a review of the property to determine if there are any substances of a hazardous nature.
- Perform an analysis of materials that are located on the surface of the property that may be hazardous.

1.2 Scope of Work

LiRo conducted site investigations on March 26, March 29 and April 3, 2007. The investigation consisted of:

- Inventory of 55 gallon drums and other potentially hazardous materials at the Site.
- Characterization of the contents of drums and collection of representative oil samples.
- Laboratory analysis of the oil samples for total petroleum hydrocarbon (TPH) fingerprint, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated bi-phenyls (PCBs), total organic halides and toxicity characteristic leaching procedure (TCLP) and hazardous waste characterization parameters (ignitability, pH, reactivity for cyanide and sulfide).
- Review inventory of items at the Site provided by DCAS



-
- The presentation of a written report with schematic drawings depicting the drum locations and significant site features.



2.0 SITE CONDITIONS AND ENVIRONMENTAL SETTING

2.1 Site Location, Description and Use

Schmitt's Marina, located in Far Rockaway, Queens, New York is approximately 9 acres and is bounded by West 19th Road to the north, Jamaica Bay to the west, residential properties and a vacant lot operated by the City of New York Department of Citywide Administrative Services (DCAS) to the east and vacant lots operated by DCAS and Broad Channel American Park to the south (Figure 1).

Until recently, the Site operated as a marina under private ownership. A former residence and shop building is located in the western portion of the property. To the east of the building is an area where shipping containers/trailers for storage are parked. Over 350 abandoned and privately owned boats are present across a wide area at the Site. Other items present at the site include trailers, drums, batteries, above ground storage tanks (ASTs), generators, pails of oil, cleaning products, garbage, refrigerator, junk vehicles, motorized tools and engines. Photographs of the Site are provided in Appendix B.

The city property was historically leased to Schmitt's Marina, however the marina operator was reportedly evicted from the property in February 2007. The eviction was the culmination of a long legal battle with the city to reclaim the property. The operator had expanded operations at the site beyond the area he was initially authorized to lease. In addition, the operator allegedly filled in designated wetlands with concrete, asphalt, brick and household items and conducted operations without required permits and approvals. It is LiRo's understanding that the City is assuming responsibility for the cleanup of any environmental hazards that remain from the previous marina operations at the site.

2.2 Topography

The site is located within the Atlantic Coastal Lowland Physiographic Province. The majority of the prominent surface features in the region are a result of glacial processes. The site is



relatively flat and situated at an elevation of approximately 5 feet above mean sea level. The Marina Store fronts on Jamaica Bay to the west.

2.3 Geology

Bedrock underlying Queens consists of igneous and metamorphic rocks. The bedrock surface slopes relatively steeply (40 to 80 feet per mile) to the southeast. The depth of bedrock can range from as great as 1,600 feet below grade in southern Kings County to outcropping in northwestern Queens County.

Cretaceous-age unconsolidated deposits which comprise the Raritan and Magothy Formations overlie the bedrock. The Raritan Formation consists of a sand member and a clay member. The Magothy Formation consists of alternating fine sand, silt and clay deposits with relatively few coarse beds of sand and gravel. These Cretaceous-age sediments are overlain by Pleistocene glacial and interglacial deposits.

Subsurface investigations were beyond the scope of this investigation, however, significant filling was reported in the site history and LiRo observed evidence of fill soil at the site. The underlying native sediments are likely comprised by recent nearshore deposits of sand and silt.

2.4 Hydrogeology

Based on the site elevation and proximity to Jamaica Bay, groundwater is expected within a depth of 5 to 10 feet below ground surface. The anticipated general direction of groundwater flow is west toward Jamaica Bay, however, localized flow variations are likely due to tidal influence from the Bay.



3.0 SITE INSPECTION AND ASSESSMENT OF POTENTIAL HAZARDOUS MATERIALS

LiRo conducted site inspections on March 26, March 29 and April 3, 2007. LiRo conducted drum sampling on March 29 and April 3, 2007. During the first inspection, LiRo took photographs of the Site (See Appendix B) and performed a general site reconnaissance to provide a preliminary assessment of on-site materials and develop a sampling plan. After the initial reconnaissance, LiRo advised DDC that DCAS was in the process of preparing a detailed inventory of items at the Marina excluding the drums. DDC directed LiRo to provide a detailed assessment of the drums and contents, as well as a review of the DCAS inventory (see Appendix A) to evaluate potential hazardous materials shown therein. LiRo returned to the site on March 29 to count drums, provide a preliminary field characterization of the drum contents, and collect samples of representative groups of drums. On April 3, LiRo returned to the site to finish opening drums (not all drums were opened on March 29th due to time constraints) and collected one additional sample.

3.1 Drum Inspection

A total of 99 drums were identified at seven locations throughout the site (see Figure 2). LiRo inspected the contents and condition of each drum. Drum size ranged from 25-55 gallons. Approximately half of the drums contained various mixtures of waste oils and fuels with water. Based on the inspection, LiRo developed the following groups of drums for sampling and characterization:

- Type-1 (17 drums): water with gas odor and oil residue
- Type-2 (16 drums): black diesel, oil, water and sediment
- Type-3 (5 drums): black diesel, oil and water
- Type-4 (5 drums): dark red liquid with a gas odor
- Type-5 (4 drums): yellow liquid with a solvent odor

The results of the drum inspection are included in Table 1 and photographs of the drums are included in Appendix B. All of the drums are plastic or metal with condition ranging from

damaged to good. Based on the inspection work, 51 of the drums were characterized as empty and 47 drums contained potentially hazardous fluids. One drum contained rainwater and some debris. The estimated total drum residual volume is 1,230 gallons.

3.2 Former Residence and Shop Building

The former residence and shop building is located in the western portion of the property (see Figure 2). The following potential environmental concerns were identified during LiRo's inspection of the former residence and shop building: motor oil, grease, cleaning products, spray lubricants, degreaser, antifreeze, boat filler, marine resin, acetone, fiberglass solvent, epoxy resin, re-lead gasoline additives, paints, open containers of unknown material and gasoline cans. Various open containers of oil, paint, cleaners, and solvents are located in the Shop area. Photographs of this area are included in Appendix B.

3.3 Batteries

Lead-acid marine batteries were found in various areas of the site. Most of the batteries have been inventoried by DCAS as belonging to boats stored onsite. However, spent or old batteries are located throughout the central portion of the site. A representative photograph of batteries is included in Appendix B.

3.4 Boats

Over 350 abandoned and privately owned boats are present at the site. DCAS's inventory detailed the New York State Registration number for each boat. LiRo understands that the City has issued a public notice for boat owners to claim their property and remove it from the premises. Potential environmental concerns including hazardous materials associated with the abandoned boats include residual motor oil, gear oil and gasoline. Photographs of the boats are included in Appendix B.

3.5 Trailers

Several trailers are located in the central portion of the site. The trailers contain miscellaneous waste, oil, boat motors, outdrives, batteries for boats and discarded batteries. Based on LiRo's site inspection and DCAS inventory, the potentially hazardous materials in trailers include small containers (i.e., less than 5 gallons) of waste oil, outboard motors/outdrives containing gear oil,



and batteries. It appears that most of the boat motors/outdrives and batteries located in the trailers belong to marina customers. Photographs of the trailers are included in Appendix B.

3.6 ASTs

Five aboveground storage tanks (ASTs), two which appeared to be active and three which do not appear to be in service, are located at various locations at the Site. The two apparently active tanks include a 550-gallon (estimated size) diesel AST which was located adjacent to the Marina shop and likely used for fueling boat engines. A 275-gallon (estimated size) AST was present on blocks behind the shop and appears to service a generator located in a shed. This AST probably contains diesel fuel also. Per NYSDEC petroleum bulk storage regulations in 6NYCRR Part 612, tanks at facilities with a total storage capacity of under 1,100 gallons are not regulated.

Three out of service ASTs (estimated 275-gallon each) were located in a trailer/container area. The potentially hazardous material associated with the ASTs includes petroleum residuals. Photographs of the ASTs are included in Appendix B.

3.7 Generators

DCAS identified three generators at the Site. The potentially hazardous materials associated with the generators include generator fluids (fuel and oil). Photographs of the generators are included in Appendix B.

3.8 Oil

Approximately eight (8) 5-gallon pails that contain what appears to be used oil are located throughout the Site. Used oil is a potentially hazardous material. Photographs of the pails are included in Appendix B.

3.9 Miscellaneous Items

Miscellaneous items including cleaning products, garbage, refrigerators, junk vehicles, motorized tools, and engines are located throughout the site. Photographs of the miscellaneous items are included in Appendix B.



4.0 SAMPLING OF POTENTIAL HAZARDOUS MATERIALS

4.1 Field Observations

LiRo pre-characterized the contents of each drum and grouped drum contents with common characteristics as shown in Table 1. Based on the inspection, LiRo developed the following groups of drums for sampling and characterization:

- Type-1 (17 drums): water with gas odor and oil residue
- Type-2 (16 drums): black diesel, oil, water and sediment
- Type-3 (5 drums): black diesel, oil and water
- Type-4 (5 drums): dark red liquid with a gas odor
- Type-5 (4 drums): yellow liquid with a solvent odor
- Type-5/4 (1 drum): mixture of Type-4 and Type-5 material

4.2 Sampling Methodology

Based on the field observations, the following six drums were sampled by LiRo on March 29 and April 3, 2007 to characterize the contents associated with each group:

- Type-1: Not sampled
- Type-2: Sample ID #E10
- Type-3: Sample IDs #B19 and #B21
- Type-4: Sample ID #D1
- Type-5: Sample ID #E38
- Type-5/4 (apparent mixture of two types): Sample ID #E7

Drum Type 1 was not sampled because that Type contained mostly water and therefore the contents were considered to be non-hazardous.

Samples were collected using dedicated disposable bailers. The analytical schedule was based on disposal facility requirements obtained from two waste disposal companies, AB Environmental (ABE) and Allied Environmental Group, Inc. (Allied). Samples from drum Type-2, Type-3, Type-4 and Type-5 were analyzed for Total Petroleum Hydrocarbon (TPH) fingerprint, Volatile Organic Compounds (VOCs), Poly Chlorinated Bi-phenyls (PCBs), total organic halides and Toxicity Characteristic Leaching Procedure (TCLP)/hazardous waste characterization parameters (ignitability, pH, reactivity for cyanide and sulfide). In addition to the above parameters, the sample from drum Type-5 was also analyzed for Semi-Volatile Organic Compounds (SVOCs). Because the contents of drum Type-5/4 was determined to be a mixture of other Types, the E7 sample was only analyzed for VOCs, SVOCs, TCLP and hazardous waste characterization parameters.

4.3 Laboratory Analytical Results

The laboratory analytical results are detailed below. Laboratory analytical data reports are attached in Appendix C.

4.3.1 Volatile Organic Compounds (VOCs)

VOC samples were analyzed using USEPA Method 8260B and the results for detected compounds only are summarized in Table 2. Results from all drum Types showed petroleum-related VOCs. Results from Type-3 samples showed relatively lower VOC levels compared to the other samples indicating higher water/oil content and lower fuel content. Type-2, Type-4, Type-5 and the Type-5/4 mixture samples all showed high petroleum-related VOC concentrations. The Type-4 sample also showed a halogenated solvent compound (1,1 Dichloroethene) which is probably associated with a cleaner or de-greaser used at the marina.

4.3.2 Semi-Volatile Organic Compounds (SVOCs)

SVOC samples were analyzed using USEPA Method 8270 and the results (for detected compounds only) are summarized in Table 3. The results showed petroleum-related compounds and phthalate compounds. Phthalates are typically associated with plastic products and may be present due to drum degradation.



4.3.3 Polychlorinated Biphenyls (PCBs)

PCBs were not detected in the samples. PCB laboratory data reports are attached in Appendix C.

4.3.4 Hazardous Waste Characteristics

Three hazardous waste characteristics (reactivity, corrosivity and ignitability) testing results are included in Table 4. The fourth hazardous waste characteristic of toxicity was analyzed for TCLP analysis and is discussed in section 4.3.5. The drum Type-5 sample failed the test for ignitability.

4.3.5 Toxicity Characteristic Leaching Procedure (TCLP)

TCLP sample results are summarized for detected compounds in Table 4. Type-2, Type-4, Type-5 and Type-5/4 samples showed benzene concentrations which exceed hazardous waste limits for toxicity. Type-2 and Type-5 samples contained elevated levels of pesticides. Type-2 and Type-5/4 samples contained elevated levels of metals relative to hazardous waste limits for toxicity. These hazardous waste limits, however, do not apply to waste oil which is intended for recycling (see Section 5).

4.3.6 Total Petroleum Hydrocarbons and Total Organic Halides

Additional parameters included Total Petroleum Hydrocarbon (TPH), TPH fingerprint, and total organic halides as required by the prospective disposal companies LiRo contacted. The TPH results showed significantly lower values for drum Type-3 samples, consistent with the interpretation that Type-3 drums contain a high percentage of water. Fingerprint samples from Type-2, Type-3, and Type-4 drums indicate a heavy heating oil and diesel attributed to mixing of motor oil and fuel. The Type-5 fingerprint sample indicates fuel only consists of gasoline and jetfuel that is probably characteristic of a highly refined diesel or kerosene mixture.

5.0 WASTE CLASSIFICATION

5.1 Hazardous Waste

5.1.1 Batteries

Spent lead-acid batteries stored on site are subject to regulation as hazardous waste under the “Universal Waste Rule” in the New York Conservation Rules and Regulations 6 NYCRR Subpart 374-3. The Universal Waste Rule is a reduced set of requirements that comply with hazardous waste regulations. LiRo anticipates that many of the batteries will be claimed by their owners. The remaining batteries should be containerized, removed, and recycled of in accordance with state and federal regulations.

5.1.2 Used Fuel/Oil in Drums

The Universal Waste Rule (6NYCRR Part 374-2) also applies to used oil provided that the oil is intended for recycling and it is not mixed with other hazardous waste. Type-5 drums do not appear to contain used oil, therefore, the contents are hazardous based on ignitability and toxicity. The Type 5/4 drum may contain used oil, but LiRo recommends that it would be prudent to manage that drum as if it were Type-5. Drum Type-2 and Type-4 are also hazardous but may be managed under the Part 374 requirements if used for recycling.

5.1.3 Waste Oil in Pails

Approximately five (5) five gallon pails with waste oil were observed at various areas of the site. The contents of the oil pails are similar to and should be managed as the Type-2/Type-4 drums.

5.1.4 Open Containers

Various open containers of paint and cleaners are located in the Shop area. These materials can be managed as household/small quantity generator waste under the Universal Waste rule.



5.2 Non-hazardous Waste

5.2.1 Drums

Drum Type 3 is best characterized as non-hazardous petroleum-contaminated water (waste code NO18) and can be transported, disposed, or recycled under less stringent requirements than hazardous waste. Drum Type-1 should also be managed as petroleum-contaminated water. This material requires a non-hazardous licensed waste hauler, disposal facility, and manifest process to document its disposition.

5.2.2 ASTs

Three 275-gallon ASTs, which likely contain residual fuel, are present at the site. These tanks are not regulated by NYSDEC because the combined storage capacity is less than 1,100 gallons, however, New York City (FDNY) requirements apply to the handling, abandonment and removal of the tanks.

5.2.3 Boats

Over 350 abandoned and privately owned boats are present at the site. DCAS's inventory (Appendix A) detailed the New York State Registration number for each boat. LiRo understands that the City has issued a public notice for boat owners to claim their property and remove it from the premises. Potential environmental concerns including hazardous materials associated with the abandoned boats include residual motor oil, gear oil and gasoline.

5.2.4 Miscellaneous Items

Miscellaneous items including abandoned boat motors, outdrives, vehicles, motorized tools, and generators are present at various locations. These items likely contain residual fuel and/or oil. Refrigeration units such as refrigerators, air conditioners and ice machine are present, may contain freon which requires recovery and recycling in accordance with the Universal Waste rule.



5.2.5 Retail Items

Inspection of the former residence and shop building identified the following products packaged for retail sale, which if opened, could pose an environmental concern: motor oil, grease, cleaning products, spray lubricants, degreaser, antifreeze, boat filler, marine resin, acetone, fiberglass solvent, epoxy resin, re-lead gasoline additives and paints.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the site inspection and investigation results, LiRo developed the following conclusions and recommendations for waste management at the site.

Drums

Based on drum contents characterization testing, LiRo interprets three general waste streams contained within 47 drums. Three general waste streams consist of:

- Used fuel: Four drums categorized as Type-5 or Type-5/4 are classified as hazardous waste based on ignitability and toxicity.
- Used oil mixed with fuel: Twenty-one drums categorized as Type-2 or Type-4 are classified as a recyclable oil Universal Waste. This material should be recycled to avoid management as a hazardous waste.
- Used oil mixed with water: Twenty-two drums categorized as Type-1 or Type-3 are classified as non-hazardous used oil mixed with water. These drums require manifested transport and disposal at a licensed facility.
- LiRo contacted two waste disposal companies to evaluate potential drum disposal costs including but not limited to pails containing waste oil. Based on estimates provided by the vendors (see Appendices D and E), the estimated cost to dispose of the drums and contents is in the range of \$11,000 to \$15,000.

In addition to the drums noted above, 51 empty drums and one drum containing rainwater and debris were counted at the site. LiRo recommends that these drums should be removed from the site.

Batteries

Unclaimed lead-acid batteries remaining on site are subject to regulation under the “Universal Waste Rule” in the New York Conservation Rules and Regulations (6 NYCRR) Subpart 374-3. LiRo recommends that the batteries should be containerized and removed to a permitted recycling or disposal facility.

Open Oil Containers

Approximately eight (8) 5-gallon pails containing waste oil were noted. This oil should be containerized, consolidated and managed as a recyclable used oil.

ASTs

Based on the active AST capacity, the tanks are not regulated by NYSDEC. Disposition of these tanks is regulated by the Fire Department of New York (FDNY). FDNY requires that a city-licensed motor fuel handler must close the tanks and file an Affidavit of closure. The AST closure process would include removing residual fuel, tank cleaning, and removing the AST to a recycling/salvage facility.

Boats, Vehicles, Parts, Generators & Refrigeration Units

LiRo anticipates that unclaimed boats, generators, motors, and outdrives will remain after the public claim period has ended. The likely approach to manage the unclaimed boats, vehicles, parts, refrigeration units and generators would be to solicit a scrap/recycling firm to transport and salvage/scrap the items in accordance with applicable regulations.

Retail Packages

Products sold in the marina shop, such as cleaning products, spray lubricants, antifreeze, fiberglass solvent, etc. are potentially hazardous items packaged for retail sale and could be sold as-is. If the products are not re-sold, the material should be recycled or managed as a household/small quantity generator Universal Waste.

Trash and Debris

Remaining trash and debris should be managed as solid waste.

Although this investigation is intended to assess above grade environmental conditions, LiRo observed a drainage ditch cut through fill material along the southern end of the Site. The fill material appeared to be composed largely of construction and demolition (C&D) debris containing large quantities of broken glass, plastic and wood. Based upon these observations



and alleged unauthorized filling activities at the Site, subsurface investigations are warranted to evaluate potential soil and groundwater contamination.



7.0 STATEMENT OF LIMITATIONS

The data presented and the opinions expressed in this report are qualified as stated in the attachment to this section of the report.

A handwritten signature in black ink, appearing to read 'Robert Kreuzer', is written over a horizontal line.

Robert Kreuzer
Project Manager



STATEMENT OF LIMITATIONS

The data presented and the opinions expressed in this report are qualified as follows:

1. The sole purpose of the investigation and of this report is to conduct a review of the property to determine if there are any substances of a hazardous nature on the property and to perform an analysis of materials that are located on the surface of the property that may be hazardous. The analysis of materials sampled at the site included evaluation of disposal requirements and cost.
2. LiRo Engineers, Inc. (LiRo) derived the data in this report primarily from visual inspections, newspaper articles, site inventory provided by DCAS, interviews with individuals with information about the Site, and a limited number of surface explorations made on the dates indicated. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the Site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.
3. In preparing this report, LiRo has relied upon and presumed accurate certain information (or the absence thereof) about the Site and adjacent properties provided by governmental agencies, the Client, and others identified herein. Except as otherwise stated in the report, (LiRo) has not attempted to verify the accuracy or completeness of any such information.
4. The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Services, including the extent of surface exploration and testing. The Scope of Services, was defined by the requests of the Client, the time and budgetary constraints imposed by the Client, and the availability of access to the Site.
5. Because of the limitations stated above, the findings, observations, and conclusions expressed by LiRo in this report are not, and should not be considered, an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation. No warranty or guarantee, whether express or implied, is made with respect to the data reported or findings, observations, and conclusions expressed in this report. Further, such data, findings, observations, and conclusions are based solely upon site conditions in existence at the time of investigation.
6. This report has been prepared on behalf of and for the exclusive use of the Client, and is subject to and issued in connection with the Agreement and the provisions thereof.

TABLES

TABLE 1 **SCHMITT'S MARINA**
SUMMARY OF ON-SITE LIMITED HAZARDOUS MATERIALS INVESTIGATION
DRUM INVENTORY **FAR ROCKAWAY, QUEENS, NEW YORK**
Page 1 of 2 **DDC CAPIS ID: BEGS2007005 WOL NO: 4730-LIRO-1R-4642**

Drum ID	Drum Size (Gallons)	Container Type	Drum Content Quantity (Gallons)	Drum Status	Drum Condition	Content Code	Classification
A3	55	Metal	15	Closed	Good	Type-1	Non-hazardous Used oil mixed with water
A4	55	Metal	15	Open	Good	Type-1	
A5	55	Metal	15	Closed	Good	Type-1	
B1	55	Plastic	5	Open	Damaged	Type-1	
B8	55	Metal	1	Closed	Good	Type-1	
B10	55	Plastic	5	Closed	Good	Type-1	
B12	55	Plastic	5	Closed	Good	Type-1	
C5	55	Metal	5	Closed	Good	Type-1	
D5	55	Plastic	50	Closed	Good	Type-1	
D9	55	Plastic	2	Closed	Good	Type-1	
D11	40	Plastic	5	Closed	Good	Type-1	
D14	55	Plastic	0.5	Closed	Good	Type-1	
E2	55	Plastic	5	Closed	Good	Type-1	
E18	55	Plastic	5	Closed	Good	Type-1	
E19	55	Plastic	5	Closed	Good	Type-1	
E28	55	Plastic	1.5	Closed	Good	Type-1	
F-4	55	Plastic	20	Open	Damaged	Type-1	
A1	55	Plastic	45	Open	Damaged	Type-2	Universal Waste for recycling**: Fuel/Used-oil mix
A2	55	Plastic	25	Open	Damaged	Type-2	
C1	55	Plastic	35	Open	Good	Type-2	
C2	55	Plastic	25	Open	Damaged	Type-2	
D2	55	Plastic	50	Closed	Good	Type-2	
D3	55	Plastic	50	Closed	Good	Type-2	
D4	55	Plastic	50	Closed	Good	Type-2	
D6	55	Plastic	50	Closed	Good	Type-2	
D7	55	Plastic	20	Closed	Good	Type-2	
E4	55	Plastic	5	Closed	Good	Type-2	
E5	55	Plastic	50	Closed	Good	Type-2	
E6	55	Plastic	50	Closed	Good	Type-2	
E10 *	55	Plastic	20	Closed	Good	Type-2	
E12	55	Plastic	50	Closed	Good	Type-2	
F-1	55	Plastic	40	Closed	Good	Type-2	
F-2	55	Plastic	5	Closed	Damaged	Type-2	
B7	55	Plastic	2	Closed	Good	Type-3	Non-hazardous: Used oil mixed with water
B19 *	55	Plastic	40	Open	Good	Type-3	
B21 *	55	Plastic	50	Open	Good	Type-3	
E8	55	Plastic	50	Closed	Good	Type-3	
F-3	55	Plastic	20	Open	Damaged	Type-3	
C3	30	Plastic	50	Closed	Good	Type-4	Universal Waste for recycling**: Fuel/Used-oil mix
D1 *	55	Plastic	50	Closed	Good	Type-4	
D8	55	Plastic	5	Closed	Good	Type-4	
E1	25	Plastic	20	Closed	Good	Type-4	
E3	55	Plastic	50	Closed	Good	Type-4	Hazardous Waste
E9	55	Plastic	50	Closed	Good	Type-5	
E38 *	40	Plastic	30	Closed	Good	Type-5	
E39	40	Plastic	30	Closed	Good	Type-5	Potential Hazardous Waste
E7 *	55	Plastic	50	Closed	Good	Type-5/4	

Notes:

* - Laboratory Sample

** - Managed as used oil ONLY if recycled.

If slated for disposal, waste is hazardous per TCLP results

TABLE 1 **SCHMITT'S MARINA**
SUMMARY OF ON-SITE LIMITED HAZARDOUS MATERIALS INVESTIGATION
DRUM INVENTORY **FAR ROCKAWAY, QUEENS, NEW YORK**
Page 2 of 2 **DDC CAPIS ID: BEGS2007005 WOL NO: 4730-LIRO-1R-4642**

Drum ID	Drum Size (Gallons)	Container Type	Drum Content Quantity (Gallons)	Drum Status	Drum Condition	Content Code	Classification
B2	55	Metal	Empty	Closed	Damaged	Type-Dry	
B3	55	Metal	Empty	Closed	Good	Type-Dry	
B4	55	Metal	Empty	Open	Good	Type-Dry	
B5	55	Plastic	Empty	Closed	Good	Type-Dry	
B6	55	Plastic	Empty	Closed	Good	Type-Dry	
B9	55	Plastic	Empty	Closed	Good	Type-Dry	
B11	55	Plastic	Empty	Open	Good	Type-Dry	
B13	55	Plastic	Empty	Open	Good	Type-Dry	
B14	55	Plastic	Empty	Open	Good	Type-Dry	
B15	55	Plastic	Empty	Open	Good	Type-Dry	
B16	55	Plastic	Empty	Open	Good	Type-Dry	
B17	55	Plastic	Empty	Open	Good	Type-Dry	
B18	55	Plastic	Empty	Open	Good	Type-Dry	
B20	55	Plastic	Empty	Open	Good	Type-Dry	
B22	55	Plastic	Empty	Open	Good	Type-Dry	
B23	55	Plastic	Empty	Open	Good	Type-Dry	
B24	55	Plastic	Empty	Open	Good	Type-Dry	
B25	55	Plastic	Empty	Open	Good	Type-Dry	
D10	55	Plastic	Empty	Closed	Good	Type-Dry	
D12	55	Plastic	Empty	Closed	Good	Type-Dry	
D13	30	Plastic	Empty	Closed	Good	Type-Dry	
D15	55	Plastic	Empty	Open	Good	Type-Dry	
E11	55	Plastic	Empty	Closed	Good	Type-Dry	
E13	40	Plastic	Empty	Closed	Good	Type-Dry	
E14	55	Plastic	Empty	Closed	Good	Type-Dry	
E15	55	Plastic	Empty	Open	Good	Type-Dry	
E17	55	Plastic	Empty	Open	Good	Type-Dry	
E16	55	Plastic	Empty	Open	damaged	Type-Dry	Drum bottom is cut
E20	55	Plastic	Empty	Closed	Good	Type-Dry	
E21	55	Plastic	Empty	Closed	Good	Type-Dry	
E22	55	Plastic	Empty	Closed	Good	Type-Dry	
E23	55	Plastic	Empty	Closed	Good	Type-Dry	
E24	55	Plastic	Empty	Closed	Good	Type-Dry	
E25	55	Plastic	Empty	Closed	Good	Type-Dry	
E26	55	Plastic	Empty	Closed	Good	Type-Dry	
E27	55	Plastic	Empty	Closed	Good	Type-Dry	
E29	55	Plastic	Empty	Closed	Good	Type-Dry	
E30	55	Plastic	Empty	Closed	Good	Type-Dry	
E31	55	Plastic	Empty	Closed	Good	Type-Dry	
E32	55	Plastic	Empty	Closed	Good	Type-Dry	
E33	55	Plastic	Empty	Closed	Good	Type-Dry	
E34	55	Plastic	Empty	Closed	Good	Type-Dry	
E35	30	Plastic	Empty	Closed	Good	Type-Dry	
E36	55	Plastic	Empty	Closed	Good	Type-Dry	
E37	55	Plastic	Empty	Closed	Good	Type-Dry	
E-40	55	Plastic	Empty	Closed	Good	Type-Dry	
G-1	55	Plastic	Empty	Open	good	Type-Dry	
G-2	55	Plastic	Empty	Open	good	Type-Dry	
G-3	55	Plastic	Empty	Open	damaged	Type-Dry	
G-4	55	Plastic	Empty	Open	damaged	Type-Dry	
G-5	55	Plastic	Empty	Open	good	Type-Dry	
C4	30	Plastic	2	Closed	Good	Type-Misc.	Water & debris in drum

Notes:

* - Laboratory Sample

** - Managed as used oil ONLY if recycled.

If slated for disposal, waste is hazardous per TCLP results

TABLE 2
SUMMARY OF VOCS DETECTED
Page 1 of 1

SCHMITT'S MARINA
LIMITED HAZARDOUS MATERIALS INVESTIGATION
FAR ROCKAWAY, QUEENS, NY
DDC CAPIS ID: BEGS2007005 WOL NO: 4730-LIRO-1R-4642

LiRo Site ID:	Schmitts Marina					
LiRo Sample ID:	E10	B19	B21	D1	E38	E7
Type Code	Type-2	Type-3	Type-3	Type-4	Type-5	Type-5/4
Date Sampled:	3/29/2007	3/29/2007	3/29/2007	3/29/2007	3/29/2007	4/3/2007
ANALYTE (ug/L)						
1,1 Dichloroethene	ND	ND	ND	86000 JBD	ND	ND
124-Trimethylbenzene	2300000 D	140	230	1800000 D	22000000 D	5,200,000 D
135-Trimethylbenzene	750000 D	110	180	460000 D	6100000 D	4,700,000 D
4-Isopropyltoluene	170000 D	ND	ND	120000 D	180000 D	360000 D
Acetone	51000 JBD	ND	ND	ND	390000 BD	81000 JD
Benzene	55000 D	ND	ND	46000 D	3500000 D	290000 D
Carbon Disulfide	11000 D	ND	ND	ND	ND	ND
Ethyl Benzene	430000 D	16	37	310000 D	8800000 D	1600000 D
Isopropylbenzene	160000 D	ND	10	130000 D	1400000 D	420000 D
m + p Xylene	1600000 D	81	240	1000000 D	34000000 D	4700000 D
n-Butylbenzene	540000 D	24	ND	360000 D	1600000 D	1,000,000 D
n-Propylbenzene	360000 D	18	19	270000 D	3200000 D	890000 D
Naphthalene(v)	1500000 D	90	130	1200000 D	2000000 D	2,400,000 D
o Xylene	830000 D	43	130	530000 D	15000000 D	2,400,000 D
sec-Butylbenzene	ND	13	ND	190000 D	370000 D	580000 D
ter-ButylMethylEther	130000 D	ND	ND	ND	66000000 D	2200000 D
tert-Butylalcohol	ND	ND	ND	ND	740000 D	ND
Toluene	750000 D	31	55	460000 D	41000000 D	3900000 D

Notes:

B = Compound found in method blank; J = Compound detected below reportable detection limit;

D = Dilution; ND =Not detected above laboratory MDL

USEPA Method 8260 -Only detected compounds are reported

TABLE 3
SUMMARY OF SVOCS
DETECTED
 Page 1 of 1

SCHMITT'S MARINA
LIMITED HAZARDOUS MATERIALS INVESTIGATION
FAR ROCKAWAY, QUEENS, NY
DDC CAPIS ID: BEGS2007005 WOL NO: 4730-LIRO-1R-4642

LiRo Site ID:	Schmitts Marina	Schmitts Marina
LiRo Sample ID:	E38	E7
Type Code	Type-5	Type-5/4
Date Sampled:	3/29/2007	4/3/2007
ANALYTE (ug/L)		
2-Methylnaphthalene	2100000 D	8,300,000 D
Anthracene	ND	870000 D
BenzylButylPhthalate	400000 D	ND
Bis(2-ethylhexyl)phthalate	67000 D	ND
Naphthalene(sv)	2700000 D	3100000 D
Phenanthrene	ND	840000 D
Pyrene	ND	80000 D

Notes:

B= Compound found in method blank

J = Compound detected below reportable detection limit;

D = Dilution; ND =Not detected above laboratory MDL

USEPA Method 8270 -Only detected compounds are reported

**TABLE 4
SUMMARY OF TCLP AND
WASTE
CHARACTERIZATION
PARAMETERS**

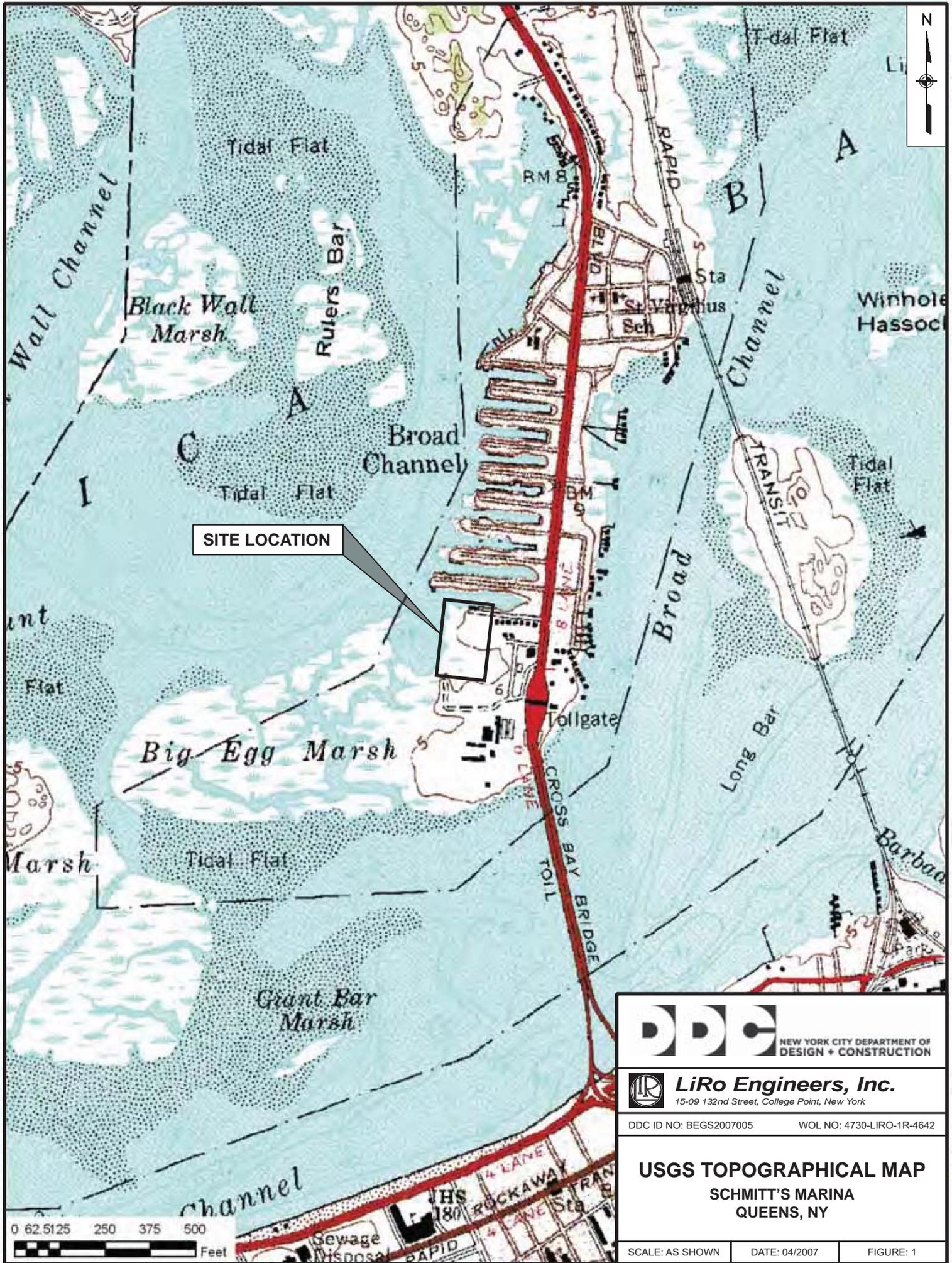
**SCHMITT'S MARINA
LIMITED HAZARDOUS MATERIALS INVESTIGATION
FAR ROCKAWAY, QUEENS, NY
DDC CAPIS ID: BEGS2007005 WOL: 4730-LIRO-1R-4642**

LiRo Site ID: LiRo Sample ID: Type Code Date Sampled	6 NYCRR Part 371*/40 CFR 261.23**	Schmitts Marina E10 Type-2 3/29/2007	Schmitts Marina B19 Type-3 3/29/2007	Schmitts Marina B21 Type-3 3/29/2007	Schmitts Marina D1 Type-4 3/29/2007	Schmitts Marina E38 Type-5 3/29/2007	Schmitts Marina E7 Type-5/4 4/3/2007
ANALYTE		Bold exceeds NYSDEC Guidance					
VOCs	ug/L	Concentration in ug/L					
Benzene	500	55000 D	ND	ND	46000 D	3500000 D	290000 D
PESTs	ug/L	Concentration in ug/L					
Endrin	20	480 PD	ND	ND	ND	370 D	ND
Heptachlor	8	ND	ND	ND	ND	380 PD	ND
Lindane	400	ND	ND	ND	ND	2100 PD	ND
Methoxychlor	10,000	730 D	ND	ND	ND	ND	ND
METALS	mg/L	Concentration in mg/L					
Arsenic as As	5	0.16	<0.08	<0.08	<0.08	<0.08	0.54
Barium as Ba	100	14	3.4	5	<1	<1	130
Cadmium as Cd	1	0.15	<0.04	<0.04	<0.04	<0.04	0.95
Chromium as Cr	5	<0.1	<0.1	<0.1	<0.1	<0.1	1.1
Lead as Pb	5	7.7	1.4	3.5	<0.1	0.15	61
Selenium as Se	1	<0.2	<0.2	<0.2	<0.2	0.2	<0.20
Silver as Ag	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.10
Mercury as Hg	0.2	0.0051	<0.002	<0.002	0.0022	<0.002	<0.0020
Misc. Characteristics							
pH	2-12*	4.92	6.6	6.47	6.1	4.47	NA
Ignitability	>140 F*	>180	>180	>180	140	<68	NA
Total Petroleum Hydrocarbons	NL (mg/kg)	480000	10000	240	910000	160000	NA
Reactivity - Cyanide	250 mg/L**	<0.5	<0.5	<0.5	<0.5	<1.7	NA
Reactivity - Sulfide	500 mg/L **	<500	<12.5	<13	<12.5	<500	NA
Total Organic Halides	1,000 (mg/kg)	<50	<50	<50	<50	124	NA
TPH Fingerprint Analysis	NL	#4,#5,#6 heating fuel oil / diesel fuel	unleaded gasoline / jetfuel	NA			

Only detected compounds are reported

Guidance from USEPA Toxicity Characteristic Limits ftbgs = feet below ground surface ug/L = microgram/liter ND = Not detected at concentrations above Laboratory MDLs NL = No Limit

FIGURES



SITE LOCATION

DDC NEW YORK CITY DEPARTMENT OF DESIGN + CONSTRUCTION

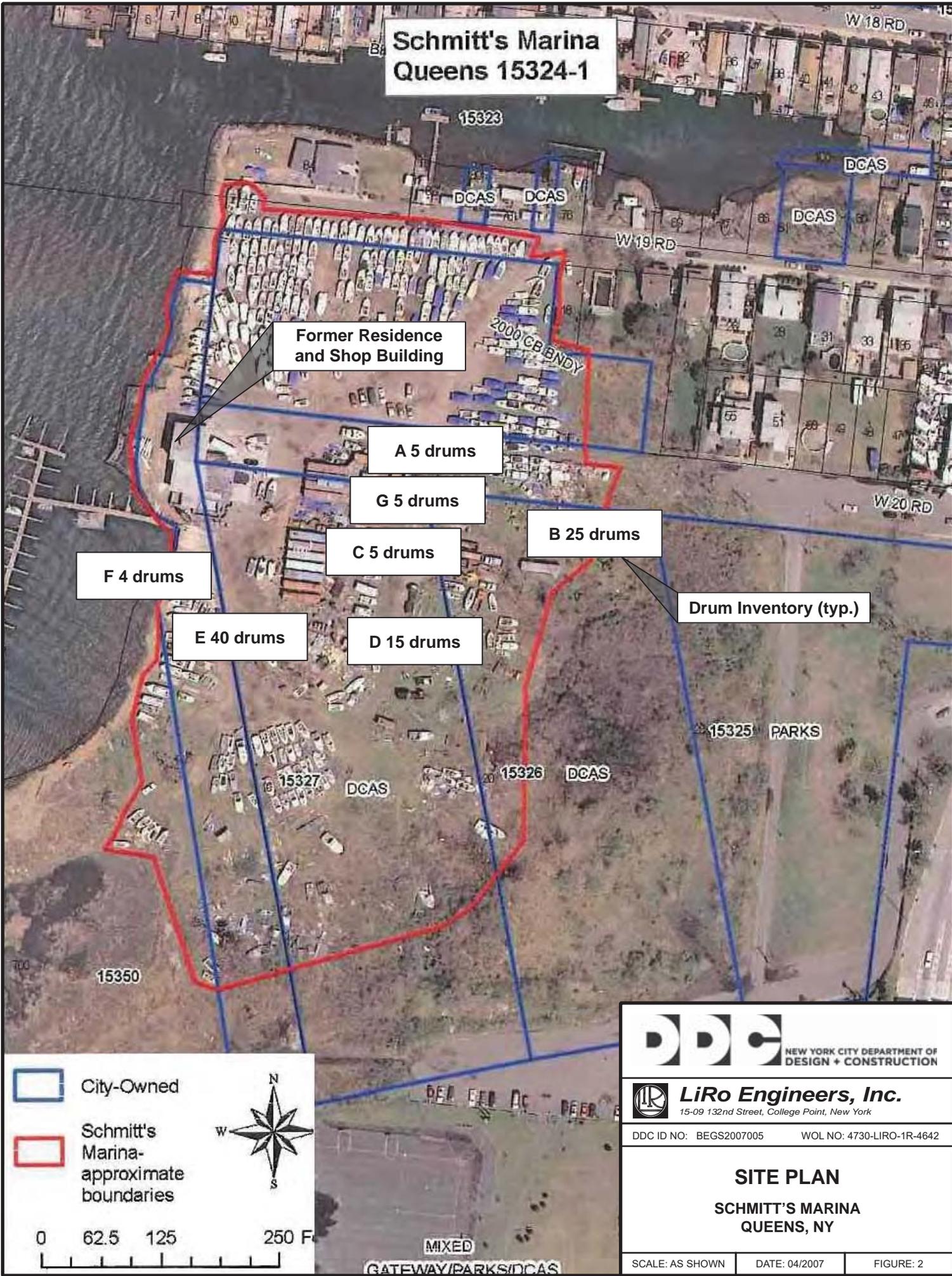
LiRo Engineers, Inc.
 15-09 132nd Street, College Point, New York

DDC ID NO: BEGS2007005 WOL NO: 4730-LIRO-1R-4642

USGS TOPOGRAPHICAL MAP
SCHMITT'S MARINA
QUEENS, NY

SCALE: AS SHOWN DATE: 04/2007 FIGURE: 1

Schmitt's Marina Queens 15324-1



Former Residence
and Shop Building

A 5 drums

G 5 drums

C 5 drums

B 25 drums

F 4 drums

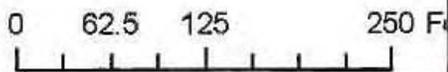
E 40 drums

D 15 drums

Drum Inventory (typ.)

City-Owned

Schmitt's
Marina-
approximate
boundaries



DDC NEW YORK CITY DEPARTMENT OF
DESIGN + CONSTRUCTION

LiRo Engineers, Inc.
15-09 132nd Street, College Point, New York

DDC ID NO: BEGS2007005 WOL NO: 4730-LIRO-1R-4642

SITE PLAN SCHMITT'S MARINA QUEENS, NY

SCALE: AS SHOWN DATE: 04/2007 FIGURE: 2

APPENDIX A
DCAS INVENTORY

Quand rant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/WIN Number	Registration	ID #	License Plate
A	1	Boat	Boardcliff	Century					
A	2	Boat					NY 3379JT		
A	3	Boat					NYG325PO		
A	4	Boat		Invader			NY1348KF		
A	5	Boat	Four Winds						
A	6	Boat	Glasler				NY2453EL		
A	7	Boat	White with Brown stripe, Name-Sereniti/Insp. # NYS 1996 154239				NY 532 PP		
A	8	Boat	Sticker 1996 - 158191	Sportsman			NY 0212PD		
A	9	Boat	White/Insp.# NYS 1988-212190				NY 6303 F		
A	10	Boat	Red/Black/White	Chaparral 178xl	Regal		NY 1197 K		
A	11	Boat	Blue/White - Motor attached - Inspection # NYS 2005 228138	Seb Ring			NY 7361 -PP		
A	12	Boat	White & Black - Inspection #NYS 222786	Classic			NY 1458DR		
A	13	Boat	Poor - White W Red Stripe - Inspection #NYS 1990 122269						
A	14	Boat	White - In Board Engine						
A	15	Boat	White & Blue Name El Bracho - Inspection # NYS 1989 153366				NY 2452CA		
A	16	Boat	White & Blue - Inspection # NYS 1994 24	Marathon			NY4129JW		
A	17	Boat	#NYS 1996 294683				NY3024PJ		
A	18	Boat	Blue with Back Bottom				NY0054JU		
A	19	Boat	Sea Nymph				NY 4607 FY		
A	20	Boat	Carver				NY1652FB		
A	21	Boat	Apache				NY5684UL		
A	22	Boat	Wellcraft	Tournament			NY8925UW		
A	23	Boat	Imperia				NY7981UK		
A	24	Boat	Bay Liner				NY2676PT		
A	25	Boat					NY8127-BT		
A	26	Boat	Century	SPL			NY3640PW		
A	27	Boat	Sunbird						
A	28	Boat	Monie Carlo 189XL	Cobia			NY 1840 GQ		
A	29	Boat					NY 5929FL		
A	30	Boat	Cruisers				NY 8350 PP		
A	31	Boat	White & Grey-Named The Karz me	Renken			NY 8254 PD		
A	32	Boat					NY 4238CV		
A	34	Boat	Sportscraft	Sea Eagle	1991		NY4018 DR		
A	35	Boat	White & Beige	Wellcraft	Sunhatch 196		NY 037 KF		
A	36	Boat		Horizon 195 Sport			NY3443PK		
A	37	Boat	White/Motor attached OMC Sea Drive/VRO 25Lier/NYS 2008-80175328		Malestic		NY 3111 PK		
A	38	Boat	White.greyl/Insp.# NYS 2009-90219030		Capri		NY 0715 JZ		
A	40	Boat	White.blue/Insp. # 00271065/Sea Sprite-Boys Rule written on boat				NJ 8154 FC		
A	41	Boat	White with brown stripes in fair condition/Insp. # 90029272				NY 5322 PJ		
A	42	Boat	White with dull grey stripes/Insp. Sticker exp.1990				NY 1906 DN		
A	43	Boat	White,yellow and red/Insp. Sticker expire 2125381984				NY 533 DH		
A	44	Boat	Light blue and white paint is fading/Insp.# 197708 EXP. 1992				NY 1651 PM		
A	45	Boat	Light blue in poor condition/Insp. # 125356 EXP. 1992				NY 4760 BW		
A	46	Boat	White& Blue				bw		
A	47	Boat	White & light blue				NY 6906 EN		
A	48	Boat	White & tan/Motor attached/ Insp. # 227083 EXP.96				NY 4640 DH		
A	49	Boat	White with blue & red stripes/Insp. # 145913 EXP.2001				NY 4038 FM		
A	50	Boat	White, Red & Black with motor attached/Insp. # 106855 EXP.2003				NY 2111 PP		
A	51	Boat	Blue,White & Black/The name "Jomil"/Insp.# 1904292 Exp. 12-31-91/00107070				NY 1135 DS		
A	52	Boat	White & Black/Insp. # 145745 EXP. 1989				NY 1174 KU		
A	53	Trailer	Boat trailer						
A	54	Boat	White with red stripes/Insp. # 149484 EXP. 1995				NY 2148 EK		
A	55	Boat	Extremely poor condition/ Insp. # 261056				NY 3629 JY		
A	56	Boat	White/Insp. # 252292 EXP. 1993				NY 1288 DR		

Quand rant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/WIN Number	Registration	ID #	License Plate
A	57	Boat	Blue & White				NY 1884 EL		
A	58	Boat	White with a red stripe & blue bottom				NY 0830 DR		
A	59	Boat	Silver & White/McFast V-172 - SF 0/B - Monark	McFast	V172 SF				
A	60	Boat	White and Silver/Inspection # 265390 Exp. 1991						
A	61	Boat	White & grey/insp. # 239572 EXP. 1993						
A	62	Boat	White, blue & silver/insp. # 107113 EXP. 1991				NY 8152 BR		
A	63	Boat	White & dark red/insp. # 212150EXP. 1994				NY 1631 JW		
A	64	Boat	Blue & White/insp. # NYS 2001-206425	AMF	Crestliner		NY 5315 JT		
A	65	Boat	Blue & White/insp. # NYS 200700 304076		Sea Raider		NY 7053 JU		
A	66	Boat	White/Red stripes-Name Golden/insp. # NYS 1995-152762				NY 8042 EN		
A	67	Boat	White & Beige/ InBoard Engine Name Popoza/insp. # NYS 2006-00130948	Sevilla			NY 9896 HK		
A	68	Boat	Grey with Red Stripes/ Insp. # NYS 91106152	Chaparral	235XLC		NY 1878 EK		
A	69	Boat	White with Blue Stripes/In board Engine/ insp. # NJ 1992-V183624	Weekender	2100/Galaxy		NJ 1634 FB		
A	70	Boat	White with Blue Stripes/In Board Engine/insp. # NYS 1997-155916				NY 2364 KF		
A	71	Boat	White-Engine attached, but cover missing/insp. # NYS 1990-196682				missing		
A	72	Boat	White with Gold stripes-In Board Engine/insp. # NYS 1994-174221				NY 4724 EN		
A	73	Boat	Name-Kilbero. In board engine white. Inspection #NYS 1992 197743				NY 4047 DE		
A	74	Boat	Green & White-Fair named = B2. No engine. Inspection #NYS 1995 189412	Evinrude	Sea Breeze		NY 9545 BT		
A	75	Boat	1994 2811086	Valiant	Marlin		NY 6141 JY		
A	76	Boat	White & Grey. No motor	Wallcraft	VIP		NY 3445 UC		
A	77	Boat	White. No engine. Inspection #NYS (missing year) 215752	Wallcraft	Apache		NY 5173 PC		
A	78	Boat	White with black bottom stripe. Inspection #NYS 04 277 741				NY 1110 KT		
A	79	Trailer	No plates or registration #'s. Rusted - tires are flat						
A	80	Boat	White, green and faded blue bottom. Inspection #900 42757 Expires 2009	Star Maker 259					
A	81	Boat	White & Maroon with sticker that said "Expire 1991"	VIP					not legible
A	82	Boat	Motor .Light green & Black/insp. # 10396/Expire 2004				NY 0211 KF		
A	83	Boat	White w/ Black Stripe & Faded Blue & Black bottom/insp. # 283905/Expire 1994	Wellcraft			NY 1472 EV		
A	84	Boat	Light & Dark Grey	Citation			NY 5939 EX		
A	85	Boat	Gray & Red. Inspection #171845. Expires 1994	Ranken			NY 8268 PD		
A	86	Boat	Tan, White & Grey/insp. # 340503. Expires 1989				NY 2184 GR		
A	87	Boat	the ground. Inspection#261334 Expires 1995				NY 3767 ED		
A	88	Boat	White with faded green bottom. Inspection#260127, expires 1997				NY 0046 DR		
A	89	Boat	Plates	Ranken			DL 904 J		
A	90	Boat	Pink boat. Visim 2000. Inspection #103165, Expires 20004	Celebrity			NY 1219 LH		
A	90	Boat	Cream. Inspection #132497 (88)				NY 8908 DE		
A	91	Boat	Inspection#133295106082, Expires 2003	Bayliner			NY 2159 PJ		
A	92	Boat	White with blue bottom. Inspection #00170181, Expires 2006				NY 4441GR		
A	93	Boat	White and red. Inspection #90155241, Expires 2009	WA			NY 5663 UL		
A	94	Boat	Light abd dark blue. Inspection #90182859	Bayliner			NY 4576 PM		
A	95	Boat	Brown cover. Inspection #00138194				NY 1987 MB		
A	96	Boat	White				NY 8985 MA		
A	97	Boat	Light blue and white with black bottom. Inspection #343454, Expires 2004	Sea Ray			NY 0237 UM		
A	98	Boat	Named sea legs. Inspection #NYS 2009 90031870				NY 5583 MB		
A	99	Boat	White with black bottom. Inspection #NYS 2009 90052205				NY 7080 HW		
A	100	Boat	White and purple. Inspection #NYS 1994255684				3646		
A	101	Boat	Sticker No.223418 1990. White boat with blue stripe with no engine.	Regal	Medallion 185		NY 9981 JS		
A	102	Boat	White with Brown stripe/NJ Sticker #M24260 1984/Boat name "Fantasy I"	Sea Ray			NJ 952 C		
A	103	Boat	name/Ranken. Inspection #NY169985				NY 2370 FX		
A	104	Boat	York 145420; boat name: 3 boys	Boston Whaler			NY 0042 HU		
A	105	Boat	White boat; no engine. New York sticker No.267410 2002				NY 4335 BG		
A	106	Boat	Judy M	F-borform			NY 6543 PP		
A	107	Boat	with no engine	Sea Raider			NY 3449 UC		
A	108	Boat	engine. 16th ft.trailer.	Boston Whaler			NY 6933 JS		AA78808
A	109	Boat	with no engine	4 Winds			NY 7855 PJ		

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A	110	Car	engine.	Sea Ray			NY 6863 DL		
A	111	Boat	White Boat, NY Sticker #00130955 2006 Boat no outboard engine				NY3637UA		
A	112	Boat	Boat w/White and Blue Stripe NY Sticker #90052054 2009 Boat w/no engine				NY9972JR		
A	113	Boat	White Boat w/Blue Stripe Boat Sticker #60104069 2008 no outboard motor	Grady White 225			NY2131MB		
A	114	Boat	White Boat, Boat Sticker #80182492 2008 no outboard motor				NY6405UJ		
A	115	Boat	Marine		Bayliner 2001		NY5783UX		
A	116	Boat	White Boat w/Yellow Stripe NY Sticker #144992 2002	Sea Ray	SR V-260		NY2385HP		
A	117	Boat	Blue Boat w/White Stripe NY Sticker #283911 2005 Boat name Joy				NY3942UJ		
A	118	Boat	White Boat w/Maroon Stripe, Boat w/inboard engine NH Sticker #107451 1998	Glastron			NH0612AV		
A	119	Boat	White Boat, Boat with no engine NY Sticker #342321				NY4514PC		
A	120	Boat	Penta 270 AQ1310)				NY2251PF		
A	121	Boat	Blue Boat w/White Stripe, Boat Sticker #NY155064 1996 Boat name Seacliff	Renken			NY8873PK		
A	122	Boat	Blue Boat w/White color on interior Boat Sticker # "no sticker" boat no engine	Boatland			NY1936CV		
A	123	Boat	White Boat w/Maroon Stripe boat sticker #256385 2002 no engine				NY3652PG		
A	124	Boat	White Boat w/Brown Stripe, Boat Sticker #NY155394 no engine	Renken			NY9339PC		
A	125	Boat	White Boat w/Red Stripe NY Sticker #337443 1992 no engine	Wellcraft	200XL		NY9411JW		
A	126	Boat	Pink Boat w/White Stripe PA Sticker #358477 no engine	Maxum			PA7681CB		
A	127	Boat	Blue Boat w/Black Stripe NY Sticker #90181104 2009 no engine	Wellcraft			NY0619PT		
A	128	Boat	White boat 11-05/No engine	Four Wins			FL 5785 HT		
A	129	Boat	White Boat w/Blue Stripe Sticker #NY90193079 no engine	Trophy			NY9018UT		
A	130	Boat	White Boat w/Blue Stripe Sticker #NY90192842 exp. 2009 no engine	Pro Line			NY4440UX		
A	131	Boat	White Boat w/Black Stripe Sticker #NY90190036 exp. 2009 no engine	2355			NY9330UP		
A	132	Boat	White Boat w/Black and Grey Stripe Sticker #NY80165777 exp. 2008 no engine	MY Mandy			NY5768UL		
A	133	Boat	Red Boat w/no engine inspection #NY90052046				NY6259PM		
A	134	Boat	Blue Boat w/Black trim, no engine inspection #NY00121418				NY4647PN		
A	135	Boat	White Boat w/no engine inspection #NY111473 1993				NY8830DD		
A	136	Boat	White Boat w/Black, Blue & Red Trim no engine inspection #NY255548 1997				NY8121HR		
A	137	Boat	White Boat w/no engine inspection #NY149513				NY3101BY		
A	138	Boat	Red Boat w/no engine inspection #NY251116 1993				NY7767PM		
A	139	Boat	White Boat w/no engine	Sea Ray			NY1031BW		
A	140	Boat	White Boat no engine inspection #NY255722 2002				NY1528PE		
A	141	Boat	Blue Boat w/White Trim Boat name Murphy's Law	230			NY6384UB		
A	142	Boat	White Boat w/engine (Yamaha) Boat name Fish Bone				MA 2008		
A	143	Boat	White Boat w/no engine Boat name Karen Ann inspection #NY00158276				NY4792UW		
A	144	Boat	White Boat w/no engine Boat name Saturday III inspection #NY90069050 2009	Larson			NY9370PG		
A	145	Boat	White Boat w/no engine				NY5180PM		
A	146	Boat	Blue Boat w/no engine Boat name Four Wins	Seaford Marine			NY7089JW		
A	147	Boat	White Boat w/no engine Serial #NY269226 1997	Alpex			NY5596DK		
A	148	Boat	Blue Boat w/no engine	Sabre			NY6013DE		
A	149	Car	White Boat w/no engine inspection #NY194999 1990	Bayliner			NY2009DU		
A	150	Boat	White Boat w/no engine inspection #NY163769 20 ft. Trailer				NY7435PM		
A	151	Boat	White Boat w/no engine						
A	152	Boat	White with engine, 20ft. Trailer with NY License # 124196A		Lund 2006		NY8826PP		
A	153	Boat	Boat is on the Trailer, #A153 Trailer #AJ 49043 19 ft. trailer		1972		NY7521DN		
A	154	Boat	Yellow Boat 18' Fiberglass Boat, Red w/Yellow Stripe inspection #NY80208900	Sea Ray			NY 6595 MA		
A	155	Boat	White Boat/inspection # NY 8017S071 2008	Bayliner			NY2448 DU		
A	156	Boat	Boat with engine/Boat name Holly Ann/ Insp. # NY2836632005				NY 9781 EB		
A	157	Boat	Green boat, no engine/Insp. # NY283385				NY 2720 PN		
A	158	Boat	Yellow boat without engine/Insp. # NY257037				NY 4409 EL		
A	159	Boat	Yellow boat with no engine/Boat name Rachel Ann/Insp. # NY 3197132000				NY 1428 PN		
A	160	Boat	White with no engine/Insp. # NY 1128691990				NY 6260 EV		
A	161	Boat	Beige with White top good/ Insp. # NY/S 1998 179638	Bayliner	Saratoga		NY0789JY		
A	162	Boat	White & Blue inspection #NY/S1991-263865						
A	163	Boat	White named Reel Easy, Trailer T38K8VNU	Tara			NJ6905GN		

Quarant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/WIN Number	Registration	ID #	License Plate
A	164	Boat	White inspection #NYS1991125298				NY0446KF		
A	165	Boat	Good Condition Covered				NY4643JU		
A	166	Boat	White w/Blue Stripe inspection #NY S2005256544		Sea Ray		NY4544EH		
A	167	Boat	Trailer plate- NYS 64072UJ: Good						
A	168	Boat	Blue top/white bottom				NY 4147 EL		
A	169	Boat	White with beige stripe				NY 9324 DE		
A	170	Boat	White				NY 0537 DU		
A	171	Boat	White. Inspection #NYS 2002 256118	Criss Craft			NY 7991 DN		
A	172	Car/AH-43600	Insp. # NYS*2006 00180844				NY 5641 EH		
A	173	Trailer	Silver OK. No plate						
A	174	Trailer	White and blue. No plates. No "ERS"						
A	175	Boat	White; Sea breeze on ground. Inspection # NYS 2006 00324668				NY 2377 6F		
A	176	Boat	Cream & brown stripe. "Jeremy" inspection #247630 (05)	Grady White	205		NY 9594 PF		
A	177	Boat	White/blue stripe "Chrisen"	Chris Craft			NY 7696 PD		
A	178	Boat	White & Blue. "Through Adversity" /insp. # 341473 (01)				NY 1520 KS		
A	179	Boat	White. Inspection #128336 (08)				NY 9449 DN		
A	180	Boat	White/orange stripe	American					
A	181	Boat	Tan/Cream /insp. # 324953 (01)	Donzi			NY 1917 UC		
A	182	Boat	Cream-trailer-Blue/Trailer large plate AA45986/insp. # 80191391 (08)				NY 1453 LD		
A	183	Boat	White. Inspection #0029/070	Canyon Boats	2001	01	NY 4766 UW		
A	184	Boat	White with White Shrink Wrap/insp. # 00321332 (06)				NY 1900 KS		
A	185	Boat	White. Inspection #00288393 (07)				NY 1617 KV		
A	186	Boat	Blue. Inspection #80003684 (08)				NY 9820 DN		
A	187	Boat	White & blue. Inspection #317445	Sea Raider			NY 3698 JY		
A	188	Boat	White	Winner			NY 3271 DN		
A	189	Boat	White				NY 8099 DF		
A	191	Boat	White*Te moje*/insp.# 276718 (04)				NY 5901 DE		
A	192	Boat	Tan/Dorsal/insp. # 112809 (80)				NY 978-DM		
A	193	Boat	White, blue bottom. Inspection #80175204 (08)	Sport Craft			NY 8825 DL		
A	194	Boat	Blue with Brown Stripe/insp. # 255801 (02)				NY 2173 FB		
A	195	Boat	White, white shrink wrap/insp. # 90018277 (09)	Fish Hawk 170cc			NY 8400 UV		
A	196	Boat	Blue/black bottom/insp.# 062168 (05)	Tomado			NY 2498 DR		
A	197	Boat	Blue/insp. # 284154 (05)				NY 4659 KU		
A	198	Boat	Grey/Blue	Monark			NY 4254 EL		
A	199	Boat	Blue & White "Got'Cha"				NY2600EN		
A	200	Boat	Cream/Brown stripe/insp. # 243254 (89)	Bar Harbor			NY 5351 PC		
A	201	Car	Faded green/insp.# 259971 (97)	Sea Ray			NY 9496 EX		
A	202	Boat	Blue & White inspection #261972 (97)	Renken			NY4862JX		
A	203	Boat	White/grey stripes/insp. # 105011 (03)	Capri			NY 1881 EK		
A	204	Boat	White/insp. # 146008				NY 2663 PG		
A	205	Boat	White with grey top, blue tarp/insp. # 90188089				NY 0260 DN		
A	206	Boat	Blue/White	Sun Cruiser 255	Wellcraft		NY 8164 PP		
A	207	Boat	White & Blue	Fiberfoam			NY 7232 EY		
A	208	Boat	White & Grey, "Heide"/insp. #00140075	Four Winns	195		NY 0975 JT		
A	209	Boat	White/insp. # 145088 (01)	Renken			NY 7594 PD		
A	210	Boat	STM14366M79C	Great Oak Marina			PA 686 CM		
A	211	Boat	16ft. White, Tan & Brown /insp. # 1032832				NY 2349 DL		
A	number	Boat	Engine attached/US Marine Force 85						
B	1	Boat	White	Grady White Boat			NY2824H		
B	2	Boat	White/ Inspection 247703	Canyon Boats			NY 1714KV		
B	3	Boat	White with Blue Stripes	Ruifers			NY 8504AN		
B	4	Boat	White/inspection 104613	Imperial			NY7686PA		
B	5	Boat	White	Larson			NY 2545DNP		
B	6	Boat	White "Little"-name inspection #247773				NY0109DM		

Quadrant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/VIN Number	Registration	ID #	License Plate
B	7	Boat	White with Blue Stripes/ Insp. 277623	Capri	Bayliner		NY 0681 J2		
B	8	Boat	Covered beige cover, White/inspection 80160733(2008)				NY 1955 US		
B	9	Trailer	Grey trailer/15784(number on hitch)	Haulmark	1999	XP015784			
B	10	Boat	White/inspection 206515 (01)	Galaxy	Fiskehode		NY 4457 JY		
B	11	Boat	Tan, Brown cover/inspection 00317102(2007)	Bayliner			NY 2793 PM		
B	12	Boat	White, "Karen Ann" /inspection 134853 (2003)				NY 225 PK		
B	13	Boat	White/inspection 106171(2003)	Mirage 2500			NY 2750 JS		
B	15	Boat	White & Beige/Insp.# 270131 (2001)	Sportcraft			NY 8721 DN		
B	16	Boat	Blue bottom, White top/"Mary R"/Insp.# 277309 (2004)	Sportcraft			NY 2992 EN		
B	17	Boat	White/Insp.# 00343900(2006)	Carolina Skiff J12			NY 1397 KU		
B	18	Boat	Blue w/white-Brown cover/Insp.# 00304569 (07)	Bayliner			NY 8194 HR		
B	19	Boat	White/FL registration 06-06	230 Sportsman			(Green)		
B	20	Boat	Maroon,White/Insp. Sticker 00243061 (2007)	Medallion 185			NY 3819 UB		
B	21	Boat	White- ripped blue shrink wrap/Insp. 166164 (05)	Sea Ray			NY 2947 KD		
B	22	Boat	White/Insp. 136231 (03)	Reuter	Classic		NY 6685 UH		
B	23	Boat	White,Maroon/Insp.# 284688 (05)	Delta Conic	Larson		NY 8709 EF		
B	24	Boat	rider with AM/FM Radio/Battery & Canvas Cover &	Four Wings	Horizon 170		NY 3815 UK		
B	25	Boat	White/Insp. # 00241334 (07)	Stamas			NY 2134 DN		
B	26	Boat	White/Yellow cover "My Tern" inspection 90215520 (2009)				NY 8364 DE		
B	27	Boat	White/Insp. 145255 (2001)	Penn Yan			NY 7189 PE		
B	28	Boat	White,"Lady Mac II"/Insp. 107872 (03)	Grady White Boats			NY 8723 PN		
B	29	Boat	White/Blue ??wrap inspection 80001240 (08)	245			NY 7533 UK		
B	30	Boat	Blue cover				NY 2544 UG		
B	31	Boat	White "Misty Harbor"/Insp. 276407	Voyager			NY 1233 KU		
B	32	Boat	White inspection sticker #124179(98)	Sportcraft	05FF222		NY 5060 PG		
B	33	Boat	White, "Larivee"/ Insp. # 210108 (03)				NY 8172 UV		
B	34	Boat	White/Insp. # 283781 (05)	Mako 19	Formia		NY 1045 DN		
B	35	Boat	Brown cover/White inspection 00238903(07)				NY 4427 UZ		
B	36	Boat	White/Blue Cover inspection 80225012(2008)				NY 4727 EH		
B	37	Boat	White,grey/"Streiks"/ Insp. # 90193362 (09)				NY 6383 PL		
B	38	Boat	Blue cover, white/00304937 (07)				NY 5517 PK		
B	39	Boat	White, White Cover inspection 80217400(08)	Angler			NY 1523 JT		
B	40	Boat	White inspection 8004479				NY 1971 FG		
B	41	Boat	Large White & Black Stripe inspection 155736 (98)				NY 0542 DG		
B	42	Boat & Trailer	Beige /Insp. 00121765 (06)/Trailer - Magic Trail				NY 9147 PM		
B	43	Boat	Blue w/Red Stripe "Key West" inspection 80004976(08)				NY 9456 FG		
B	44	Boat	"Good" inspection 280194(05)	Sea Ray			NY 4465 HG		
B	45	Boat	White - Fortions of Blue & White Covers inspection 145512(01)	Alglas			NY 3374 DL		
B	46	Boat	White/Faded /Grey Stripe inspection 315383(91)	Sebring	Regal		NY 2830 JY		
B	47	Boat	Red & White Stripes inspection 178690(04)	Sea Ray			NY 1409 JR		
B	48	Boat	White/Red Stripes-inspection # 155037 (98)	Sea Ray			NY 1311 JR		
B	49	Boat	White/Blue Stripes/Insp. # 312503 (04)	Glassstream	Regatta 192		NY 531 JT		
B	50	Boat/Trailer	White with Blue Stripes/800290317	Sea Ray	Sport		NY 8418 MB		
B	51	Boat	White/ Grey cover/Insp. # 80204998 (08)				NY 5725 UL		
B	52	Boat	White/ Red & Black Stripes/ Insp. # 277664	Thompson			NY 2895 EK		
B	53	Boat	Grey & White "Sundowner 225 Cuddy" inspection 320243	Sea Ford	4 Wins		NY 4349 JR		
B	54	Boat	White & Blue "Illusion" inspection NY3307PJ	Neva - 23			NY 3307 PJ		
B	55	Truck	Blue w/white Back Mud Flaps say "JC Truck Equip., Inc. Garden City Park				1984)		
B	56	Truck	Blue & White Van	Dodge					
B	57	Trailer	Mobile Home Trailer White w/Tan Stripe	Volunteer					
B	58	Boat	Tan & Red						
B	59	Car	Blue	Plymouth	Caravelle SE		NY 0691 PM		
B	60	Boat	White inspection #155193(95)	Mark Twain			NY 0502 PM		QSD788NY
B	61	Car	White inspection 171841(94)	Marquis	Stringray		NY 0580 PP		

Quand rant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/VIN Number	Registration	ID #	License Plate
B	62	Boat	White w/Blue Stripe inspection 146279(00)				NY1082WV		
B	63	Boat	White w/Blue/Green Bottom inspection #143547(01)	Sportsman	Riadycal 1		NY1406PE		
B	64	Boat	Tan w/Blue top				NY5706DD		
B	65	Boat	White "My Baby" inspection 256105(02)				NY8078EG		
B	66	Boat	Tan w/Beige Stripe inspection 107717(81) on Floor	Traveler			NY2360DE		
B	67	Boat	Green & White				NY 1858 DL		
B	68	Boat	Beige inspection 204727 (94) on Ground				NY7853BG		
B	69	Trailer	Black Boat Trailer						81407R
B	70	Car	Blue	Chevy	Lumina	1T9165394	450905BJ		CHMB402
C	1	Container	Light Blue Container w/Lock						
C	2	Container	Light Blue						
C	3	Container	Light Blue						
C	4	Container	Light Blue Door w/Red on the side						
C	5	Container	Type HCA - 2155-R1 Identification HCA 92 Light Blue Container # 413145(2)						
C	6	Container	Grey Container #1483478						
C	7	Container	Grey Container #USLU1386556	Hyun Dai					
C	8	Container	Beige Container #1031393	Briggs & Stratton	11367	81			
C	9	Container	Light Blue Nippon - Hakuyohin Kenki Kyoka Container #4811592						
C	10	Container	Light blue						
C	11	Container	Red Container #2037099						
C	12	Truck	White Truck	International	International	9NH414759	EE782615		Commercial
C	13	Container	Red Container #4160558						
C	14	Container	Red Container #2205055	UNIFLEX					
C	15	Container	Red Container # 812227(4)	Genstar	DAA514B-S				
C	16	Other	Refrigerator Unit Color Black inise Video Camera						
C	17	Other	Yellow Operate tractor Decal #3211374						
C	18	Other	Operator Tractor yellow						
C	19	Boat	#66650G						
C	20	Boat	White/Columbia II; Bass hole, NJ E002146	Columbia II			NY 2615 UW		
C	21	Boat	Blue/Red; Jass Craft; NY106647				NJ 2718 GW		
C	22	Boat	NY 239 239214 Beige and White Bell Boy				NY 6949 DH		
C	23	Boat	Red and White NY185353	Cruisers			NY 6776 PM		
C	24	Truck	Blue	Ford			NY 7933 JY		
C	25	Boat	Only Body of a Boat White						
C	26	Boat	NY286588 White	Sport Craft					
C	27	Trailer	Silver	Boston Whaler			NY 7104 DF		AB98331
C	28	Boat	Lime Green/White Empty Pockets	Winner			NY 7438 DH		
C	29	Boat	Baby Blue	Dorsett			NY 7864 BF		
C	30	Boat	Light Blue	Glass Tron			NY 7063 DE		
C	31	Truck	Yellow Dump Truck	FWD			6180282		
C	32	Floating Docks	Beige Floating Docks	Cleat seat	EZ PORT 3	10002344			
C	33	Boat	Michelle/Outboard Motor Johnson 135 Light Blue NY 255795				NY 1795 PP		
C	34	Other	Beige Floating Dock						
C	35	Trailer	Rusted	Cleat Seat	EZ Port 3				
C	36	Boat	Off Duty Beige NY349016						
C	37	Boat	Orange, White Stripe on trailer the Palpalizer				NY 1093 PN		
C	38	Other	Fork Lift Blue	Hyster					
C	39	Mobile Home	Beige, Brown/Lightbrown Aqua Club Excaltbor Encounter by Georgie Boy	Chevy	1984	7E3301925	NY15161865		V710YM
C	40	Car	Jeep/Black	Wrangler	1987 2 door	JHS06563	BK268942		
C	41	Trailer	Brown Approx. 20ft.						
C	42	Boat	White NY256636						
C	43	Trailer	White Approx. 20'						
C	44	Boat	On Wheels; trailer make Shoreliner; white La Niña NY283913						

Quadrant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/VIN Number	Registration	ID #	License Plate
C	45	Boat	Bussy Cat/made of wood white NY 152252				NY 6817 AW		
C	46	Boat	White Catherine B; NY227915				NY 1826 DR		
C	47	Mobile Home	Green w/beige	Ford	Ranger F250				
C	48	Trailer	White w/Rust	Bulldog	1900				
C	49	Mobile Home	Catalina Mobile Home w/2 Gas Tanks	Coachmen					18432R
C	50	Car	Green Van	GMC	1996	XT1037361			DJE6816
C	51	Mobile Home	Southwind by fleetwood	Chevrolet	1987	1H3320121	AZ573840		1520RE
C	53	Trailer	6Office Trailer White connected to the house has computer equipment						
C	54	Boat	White sea raider NY0551557 outboard motor mercury				MD893AU		
C	55	Boat	No pear white captiva name in the back of the boat NY333447				NY3359JK		
C	56	Boat	attached to boat V6 yanama 150ETXG				NY6908 PG		
C	57	Boat	Cruisers/Incorporated NY175610 white&grey				NY4938UU		
C	58	Boat	white/bay liner classic NY249777	Taylor/Eagle	SE9001				
C	59	Other	Fork Lift/yellow/white/red serial #SL420375						
C	60	Other	Refrigeration unit/White ice machine						
C	61	Boat	Black outboard motor suzuki super six 150						
C	62	Boat	My three sons (white) outboard motor #OT775815 mercury NY00180203				NY8197PE		
C	63	Boat	injections/Title # WJ00398101				NY2606JW		
C	64	Boat	(Inspection). Missing a number on the registration number				NY9053MC		
C	65	Boat	Trophy pro/hang ten NY80029777				NY5946MB		
C	66	Container	Small yellow container that is attachable to a car						
C	67	Trailer	Trailer to move boats that connects to a vehicle						
C	68	Truck	Red, No Motor, No Front 4 X 4	Ford	1973	90	S673582		UDL360
C	69	Other	Part of Craine-Boom						
C	70	Other	Jet Ski (small). Sea Doo/GSX/white with purple on the ground NY250092				NY2789UR		
C	71	Boat	Deft Qway White, on the ground						
C	72	Boat	Light&White. Double Trouble NY310070				NY2044EX		
C	73	Trailer	Approximately 20 ft. no plate #, no name, piece attachable to vehicle						AE 95020
C	74	Other	Craine, Robert Hawthorne Inc./Red						
C	75	Boat	White NY237568				NY2871DN		NY 3215158N
C	76	Trailer	Approximately 20' attachable to any vehicle						
C	77	Other	Hobie 17, yellow, flat						
C	78	Other	On the ground, Kayak (beige)						
C	79	Other	On shelf beige Kayak						
C	80	Trailer	Silver	Shoreline					
C	81	Other	On shelf Kayak beige						
C	82	Other	On shelf Kayak beige						
C	83	Other	On shelf beige Kayak						
C	84	Other	On shelf Kayak beige						
C	85	Other	On shelf Kayak beige						
C	86	Other	On shelf Kayak beige						
C	87	Other	White - On the Ground						
C	88	Trailer	Shoreline - No wheels Silver w/Rust On Ground	Shoreline					
C	89	Boat	Light blue NY124266, Patty Boop				NY5122HR		
C	90	Boat	Barracuda 614 white on top of container #8122274 NY112539				NY2947CV		
C	91	Boat	Ski Burn Blue & White/On top of container # 220505 5 NJ P148494				5537 AE		
C	92	Other	On top of container. Jet ski PA233772				PAB060BP		
C	93	Other	Motorcycle/Honda inspection #010588 CM400E	Honda	1980	97			JOHN
C	100	Float	Wood Decking (by the water) south of big house						
C	101	Float	Wood Deck (by the water) south of the big house.						
C	102	Float	house.						
C	103	Float	Float w/ beige decking, approx. 5x25'.						
C	104	Float	Black w/white anchors (Jet ski float) south of small house						
C	105	Float/Walkway	Floating walkway w/rails & grey decking, Approx. 5' x25'.						

Quand rant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/VIN Number	Registration	ID #	License Plate
C	10-49	Propeller	Name "Warren Best"			N/A		N/A	
C	3-50	Battery						4819DU	
C	10-50	Propeller	Name "C. Morales", "RY Noles"						
C	3-51	Battery						4819DU	
C	10-51	Propeller		N/A		N/A	N/A		
C	3-52	Battery						8400UV	
C	10-52	Propeller	Name "Thomas Bigland"			N/A		1290 EN	
C	3-53	Battery						9920DN	
C	10-53	Propeller	Name "Ortiz"			N/A		N/A	
C	3-54	Battery						5684UL	
C	10-54	Propeller		Mercuriser			N/A	6166752	
C	3-55	Battery	Bad					8709EF	
C	10-55	Propeller						0542	
C	3-56	Battery						2676PT	
C	10-56	Propeller				N/A	N/A	N/A	
C	3-57	Battery						6119UV	
C	10-57	Propeller	Name "Robert O'Brien"			N/A	N/A	9411 JW	
C	3-58	Battery	* Note: Battery had no letters in Reg. #					5797	
C	10-58	Propeller				N/A		7631 PP	
C	3-59	Battery						8154FC	
C	10-59	Propeller				N/A		1858 DL	
C	3-60	Battery						1093PN	
C	10-60	Propeller				N/A		8141 JY	
C	3-61	Battery						2173FB	
C	10-61	Propeller	Name "John Wilson", Mercuriser, Alpha One			N/A		4128 JW	
C	3-62	Battery	*Note: Battery had no letters in Reg. #					5797	
C	10-62	Propeller				N/A		3443 PK	
C	3-63	Battery						1881EK	
C	10-63	Propeller				N/A		3646 JY	
C	3-64	Battery	*Steve Cirallo*					3443PK	
C	10-64	Propeller						9411 JY	
C	3-65	Battery						3443PK	
C	10-65	Propeller	*Gouvchas*			N/A	N/A		
C	3-66	Battery						PA8060	
C	10-66	Propeller				N/A		2453 EL	
C	3-67	Battery						1197KW	
C	10-67	Propeller	Says Ead Top V 8			N/A	N/A		
C	3-68	Battery						1093 PW	
C	10-68	Propeller	CD TRIM			N/A		6384UB	
C	3-69	Battery						0446 KF	
C	10-69	Propeller						2	
C	3-70	Battery	There is a #2 written on Grey Duct Tape						
C	10-70	Propeller							
C	3-71	Battery	#1 written on duct tape. There are no other #'s on battery					1	
C	10-71	Propeller	"Kenny Howard"					9594PF	
C	10-72	Propeller	ID# COULD BE 9599PF					5765HT	
C	3-73	Battery						1900KS	
C	3-74	Battery	"Jet Boat" is written on battery.					1453LD	
C	3-75	Battery						9325P0?	
C	10-75	Propeller						4938UJ	
C	3-76	Battery						(P.G.)	
C	3-77	Battery							
C	10-77	Battery	Marine Channel						
C	3-78	Battery						5765HT	

Quand rant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/VIN Number	Registration	ID #	License Plate
C	3-78	Battery						9370PG	
C	10-78	Propeller	"Pete"					8440 PM	
C	3-79	Battery						9370PG	
C	10-79	Propeller						1400 JR	
C	3-80	Battery	Name on it "Zvirbulis"	Sea Hawk			6383PC		
C	10-80	Propeller						9364 DE	
C	3-81	Battery		Nauticus	March 04		9018 UT		
C	10-81	Propeller						6685 UH	
C	3-82	Battery	Marine Starting	Sea Hawk			4792 UW		
C	10-82	Propeller	Alpha One	Mercuriser				1450 JT	
C	3-83	Battery	Dual Purpose 74S	Mercuriser			4792 UW		
C	10-83	Propeller						7981 UK	
C	3-84	Battery		Nautlius			0054 JU		
C	10-84	Propeller	"Dave tobin" Volvo Penta	Volvo					
C	3-85	Battery	Marine Starting	Sea Hawk			5768 UL		
C	10-85	Propeller	Alpha One	Mercuriser				5783 UX	
C	3-86	Battery	Marine Starting	Sea Hawk			5768 UL		
C	10-86	Propeller	"Lanzi" (z)	Mercuriser					
C	3-87	Battery	Marine Starting/ Name on battery "Tyrone"	Sea Hawk					
C	10-87	Propeller						8449 DH	
C	3-88	Battery	Marine Master	Deka			2131 MB		
C	10-88	Motor	Black/Alpha One/Lanzi (1)	Mercury					
C	3-89	Battery	Exide	Nautlius	May 01				
C	10-89	Motor	Black					2385	
C	3-90	Battery	Black				0054 JU		
C	10-90	Motor	Black					2947 KD	
C	3-91	Battery	Dual Purpose 650	West Marine					
C	10-91	Motor	Black					6384 UB	
C	10-92	Motor	Black	Mercury					
C	10-93	Motor	Black					4938	
C	10-94	Motor	Black					6384 UB	
C	10-95	Motor	Black	Mercuriser				9370 PG	
C	10-96	Engine	Green & Beige	Mercury				5517 PK	
C	10-97	Engine	Black/Foroe 85	Evinrude	70479M	J0003211		488 DE	
C	10-98	Engine	Suzuki 85/Green & Black/Deery						
C	10-99	Motor	Black	Suzuki		614852			
C	1-1	Engine	White & Blue engine/Lark II 40		Lark II 40				
C	1-2	Engine	White case						
C	1-3	Engine	Green & White	Evinrude	Speedtwin				
C	1-4	Engine	White & Red	Evinrude	Lark II 40				
C	1-5	Engine	Green & White	Johnson					
C	1-6	Other	Engine on Ground, Black	Mercury	Merc 650				
C	1-7	Engine	White and Silver Engine, in container	Mercury	E 65				
C	1-8	Engine	White, Gray and Orange Engine, in container	Johnson	Johnson 200				
C	1-9	Engine	Blue, Silver and Black Engine, Evinrude V 6	Evinrude	235 Evinrude				
C	1-10	Engine	Silver Engine, missing engine cover, in container						
C	1-11	Engine	Silver Engine, Suzuki Oil Injection, V6 200, I.C. Ignition						
C	1-12	Engine	Gray and Red color Engine, in container	Suzuki					
C	1-14	Engine	Gray and Blue, in container	Firestone					
C	1-15	Engine	Blue color Engine, in container	Evinrude					
C	1-16	Engine	Blue color Engine, in container						
C	1-17	Engine	Grey and Blue color Engine, in container						
C	1-18	Engine	Blue and Gray color Engine, in container	Evinrude					
C	1-19	Engine	Blue color Engine, missing cover, in container						

Quand rant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/WIN Number	Registration	ID #	License Plate
C	1-20	Engine	Gray color Engine, missing cover parts, in container						
C	1-21	Engine	Blue color Engine, in container						
C	1-22	Engine	Gray color Engine, in container						
C	1-23	Engine	White color engine	Chrysler	105				
C	1-24	Engine	Gray color Engine, missing cover, in container						
C	1-25	Engine	Blue color Engine, missing cover, in container						
C	1-26	Engine	Blue color Engine, in container	Evinrude	1.5				
C	3-1	Battery						6259PM	
C	3-2	Battery						6259PM	
C	3-3	Battery						0715JZ	
C	3-5	Battery						7533UK	
C	3-6	Battery						7533UK	
C	3-7	Battery						7681CB	
C	3-8	Battery						4727EH	
C	3-9	Battery						1523JT	
C	3-10	Battery						1523JT	
C	3-11	Battery						2615UW	
C	3-12	Battery						4427UZ	
C	3-13	Battery						4427UZ	
C	3-14	Battery						2131MB	
C	3-15	Battery						6405UJ	
C	3-16	Battery						6405UJ	
C	3-17	Battery						6405UJ	
C	3-18	Battery	Joe Damico is written on battery					2385HP	
C	3-19	Battery						5946MB	
C	3-20	Battery						5946MB	
C	3-21	Battery						9972JR	
C	3-22	Battery						1987MB	
C	3-23	Battery						1955US	
C	3-24	Battery						0619PT	
C	3-25	Battery						0619PT	
C	3-26	Battery						5583MB	
C	3-27	Battery						2488DR	
C	3-28	Battery						7080HW	
C	3-29	Battery						8842UT	
C	3-30	Battery						8842UT	
C	3-31	Battery						4727EH	
C	5-1	Engine	Beige/Johnson 25	Bombardier	J25RI SDA	05092374		1617 KV	
C	5-2	Engine	Offshore 2.5L (200) Black	Mercury		0G075889		4792 UW	
C	5-3	Engine	Like Blue/Grey 90HP	Evinrude	E88MSL COC R	1806679		0054 JU	
C	5-4	Engine	Black (Force 90)	Mercury	1993ELPT 90	OE 318223		1197 KW	
C	5-5	Engine	Silver/Mariner 100	Mercury	TO	OG691480		4647 PN	
C	5-6	Engine	Black/Four 80	Suzuki	DF-60	031154		2615 UW	
C	5-7	Engine	Black/Saltwater 150	Mercury	SWB			8985 MA	
C	5-8	Engine	Black/Mercury 90	Mercury	CEB	OD26979		7053 JU	
C	5-9	Engine	White/Johnson 175 VRO	Mercury		R-08265676		1971 FG	
C	5-10	Engine	White/Force					7681 CB	
C	5-11	Engine	Black/Johnson 90 Bombardier/ACPN 037 370 100	Bombardier				8400 UV	
C	5-12	Engine	Black/Nocover	Mercury		6093396		7521 DN	
C	5-13	Engine	Black/Mercury 75/2498	Mercury		OD046676			
C	5-14	Engine	Black/Force 120		PT	OE168581		1496 PE	
C	5-15	Engine	Silver & Blue/Suzuki 85	Suzuki				5319 JT	
C	5-16	Engine	Silver/Suzuki 25						
C	5-17	Engine	Silver Blue/Peaks Evinrude 90	Evinrude	E90TLC05	J0569738		4980 BW	

Quand rant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/VIN Number	Registration	ID #	License Plate
C	5-18	Engine	Blue 7 Grey/Starline	Evinrude	100193A	E07127		2173 FB	
C	5-19	Engine	Black	Evinrude					
C	5-20	Engine	Silver	Evinrude	652738	J05725			
C	5-21	Engine	Black & Red	Mariner		6341756			
C	5-22	Engine	Grey/Johnson 6.0	OMC/outboard	1999				
C	5-23	Engine	Grey & Red stripe	Yamaha	1999				8383 PC
C	5-24	Engine	Black/175 Evinrude/V6	Evinrude	E185TXC0	J0582221			
C	5-25	Engine	Gold/V6 /I.C. Ignition/Suzuki Special Edition	Suzuki	2000				
C	5-26	Engine	Black/Mercury Saltwater 200	Mercury	2001/200XL	0T274368		4727 EH	
C	5-27	Engine	White & Black/Engine/Johnson 225VRO/6165	OMC	J225 TXEUD	G04347657		0619 PT	
C	5-28	Engine	White/Johnson 225/Oceanrunner	OMC	J225CXETF	G03317898		5765 HT	
C	5-29	Engine	White, Johnson 225, Ocean Runner	Evinrude				9920 DN	
C	5-30	Engine	Grey and Blue, Evinrude 140, V 4	Induction					
C	6-1	Engine	Black, U S Marine Power, Force 90, C.F.I.	Mercury	PT			5768 UL	
C	6-2	Engine	Technology)	Mercury	WB			4440 UX	
C	6-3	Engine	Black, Mercury 200, Saltwater	Mercury				9018 UT	
C	6-4	Engine	Black and Blue Mercury, bluewater 150, 2.5 Liter	Mercury				2131 MB	
C	6-6	Engine	Grey, Yamaha, Fourstroke 225	Yamaha				2544 UG	
C	6-7	Engine	Black, Mercury, Saltwater 150	Mercury	WB	OT850540		5683 UL	
C	6-8	Engine	Black, Mercury, Blackmax 175	Mercury				3637UA	
C	6-9	Engine	(Grey) Yamaha Precision Blend 115					4819 DU	
C	6-10	Engine	(Black) Evinrude 110	Mercury	EFI	1C006204		8826 FB	
C	6-11	Engine	(Black) 60	Suzuki		819639			
C	6-12	Engine	Silver 85	Mercury	O	0T645319		1995 US	
C	6-13	Engine	(Black) Saltwater 90	Mercury	O	0T733844		5583 MB	
C	6-14	Engine	(Black) Saltwater 80	Mercury	TO	0T872520		1987 MB	
C	6-15	Engine	(Black) Saltwater 125	OMC					
C	6-16	Engine	Beige, Johnson 80	OMC					
C	6-17	Engine	Beige, Johnson 70	OMC					
C	6-18	Engine	Grey, VRO 40	Evinrude	E40ELCUD	G1418684			
C	6-19	Engine	Grey, VRO 40	Evinrude	E40ELCOC	G1726408		4659 KU	
C	6-20	Engine	Beige, Johnson 70	OMC	J70TLCUR	R7446938		6933 JS	
C	6-21	Engine	Beige, Johnson 25	OMC					
C	6-22	Engine	Silver, Suzuki 30	Suzuki				4970 EL	
C	6-23	Engine	Black, Force 50	Mercury					
C	6-24	Engine	Black	Tohatsu		72406			
C	6-25	Engine	Black, M18CZ	Suzuki					
C	6-26	Engine	White and Blue, Suzuki 8	Evinrude				1045 DN	
C	6-27	Engine	(Blue & Grey) Evinrude 140	Evinrude				8825 DL	
C	6-28	Engine	(Blue, Beige & Grey) Evinrude 70	Mercury		6368473		2349DL	
C	6-29	Engine	(Black) 500	Evinrude				886 CM	
C	6-30	Engine	(Blue & Grey) Evinrude 70	Mercury Force 25		OE3O1425			
C	7-1	Engine	Outboard engine	Flupp	8201-13	998776			
C	7-2	Generator	Ponable Water Pump		3000AD				
C	7-3	Generator/Gasoline	Generator	Siebring		H31038			
C	7-4	Oil Compressor	Oil Compressor	Q Star		OTH 5005			
C	7-5	Air Conditioner	Boat Air Conditioner	York					
C	7-6	Generator	Old Compressor - Air	Briggs & Stratton	1/C Quantum				
C	7-7	Generator	5 H.P. Cutter						
C	7-8	Air Conditioner	Old Air Conditioner	Central	1982	961983			
C	7-9	Machine Bandsaw		Weibat	1986				
C	7-10	Engine	Brown - Refrigeration						
C	7-11	Engine	Old dismantled in-board engine						
C	7-12	Generator	Old Generator	Honda	940				

Quand rant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/VIN Number	Registration	ID #	License Plate
C	7-13	Engine	Old inboard engine dismantled						
C	7-14	Engine	Old Sander	Sea Smith					
C	7-15	Engine	Old inboard engine disassembled						
C	7-16	Battery Charger	Battery Charger	Lincoln					
C	7-18	Pump	Water machine pump	Durania		31053886			
C	7-19	Battery Charger	Battery Charger	Dayton	3Z562				
C	7-20	Engine	Old dismantled inboard engine	806887C1					
C	7-21	Cement Mixer	Red cement mixer/Item 31979	Central Machinery		03677			
C	7-22	Machine Generator	Generator	Honda G400					
C	7-23	Weed Wacker	Weed Wacker	John Deere		ME1130770			
C	8-1	Motor	75VRO	Johnson				2134	
C	8-2	Motor	Bad Head	Johnson				1197	
C	8-3	Motor	88 SPL	Evinrude				1135 D5	
C	8-4	Motor	70 oil injected	Mercury				3684 J4	
C	8-5	Motor	Mercury 60	Mercury					
C	8-6	Motor	Mercury 200 litre/Brown rod	Mercury				5683 UL	
C	8-7	Motor	Missing motor cap					5173 PC	
C	8-8	Motor		Evinrude VRO				7853 BE	
C	8-9	Motor	Bad cyl is written on the propeller	Evinrude 120 VRO					
C	8-10	Motor		Suzuki 115				5756	
C	8-12	Motor	35 oil injected					115	
C	8-13	Motor		Evinrude 50				NY 1288 DR	
C	8-14	Motor	Missing motor cap	unknown		unknown			
C	8-15	Motor	Missing motor cap	unknown		unknown			
C	8-16	Motor	Missing motor cap/Motor in very poor shape	unknown		unknown			
C	8-17	Motor	Evinrude 175	Evinrude V6				5060 PG	
C	8-18	Motor	No motor cap					0975 JT	
C	8-19	Motor	Yamaha V6 Excel Precision blend	Yamaha				4441 GR	
C	8-20	Motor	Evinrude 150 VRO	Evinrude				2134 DN	
C	9-1	Motor	Volvo - in poor condition Serial Number Not Clear	unknown		unknown			
C	10-1	Motor						2750 JS	
C	10-2	Motor						3942 UU	
C	10-3	Motor						2676 PT	
C	10-4	Motor						7080 HW	
C	10-5	Motor						3307 PJ	
C	10-6	Motor	Lous					7439 JX	
C	10-7	Motor						NY 7435	
C	10-8	Motor	No identifying Number						
C	10-9	Motor						4457	
C	10-10	Propeller	Steve Braaddish	Mercuriser					
C	10-11	Motor						2510 PK	
C	10-12	Motor						8121 HR	
C	10-13	Motor						6376 PH	
C	10-14	Motor						2830 JY	
C	10-15	Motor	"PAULS" is written on the Motor						
C	10-16	Motor						NY 0237 UM	
C	10-17	Motor						1348 KF	
C	10-18	Motor						3819 UB	
C	10-19	Motor	"Warren" Written on the Propeller						
C	10-20	Motor						4465 HG	
C	10-21	Motor						9330 UP	

Quand rant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/WIN Number	Registration	ID #	License Plate
C	10-22	Motor	No ID						
C	10-23	Engine	There's a key on the Motor with name, "COX"						
C	10-24	Engine	(Gold) Special edition 200	Suzuki		704889			
C	10-25	Engine	Black, Mercury Max 135					3445	
C	10-26	Propeller		N/A		N/A	N/A		
C	10-27	Propeller						3379 JT	
C	10-28	Propeller		N/A		N/A	N/A		
C	10-29	Propeller		N/A		N/A	N/A	1881 EK	
C	10-30	Propeller		N/A		N/A	N/A		
C	10-31	Propeller		N/A		N/A	N/A	N/A	
C	11-1	Engine							
C	11-2	Engine	3-0						
C	11-3	Engine Block							
C	11-4	Engine	(White) Johnson 115		115TXL 77S	J477812			
C	11-5	Engine	(Grey) Evinrude						
C	11-6	Engine	(Belge) Evinrude triumph	Evinrude	55873R	J02118			
C	11-7	Engine	(Black) Mercury 85	Mercury					
C	11-8	Engine	35						
C	11-9	Engine	(Grey) Evinrude	Evinrude					
C	11-10	Engine	(Belge & Green) Evinrude 135	Evinrude					
C	11-11	Engine	(Grey) Evinrude 85	Evinrude					
C	11-12	Propeller	(Belge)						
C	12-1	Air Compressor	1HP 8Gal. Air compressor	Sears Craftsman					
C	12-2	Gas Powered Garden	Yellow	McCulloch	Unknown	11-091220			
C	12-3	Electric Circular Saw	Red Electrical Circular saw	Unknown	Unknown	Unknown			
C	12-4	Small Engine	Honda GV 400 Engine (White and Black)	Honda	GV 400	Unknown	Unknown		
C	12-5	Gas Powered Garden Tools	Red Homelite XL Automatic Oiling Garden Tool	Homelite	Unknown	Unknown		J11J5A3	
C	12-6	Battery	Battery						
C	12-7	Refrigerator/Freezer	Tan GE Refrigerator/Freezer with Ice Dispenser	GE	TFX 22R	Unknown			
C	12-8	Refrigerator/Freezer	Refrigerator/Freezer missing Freezer Door	Unknown	Unknown	Unknown			
C	12-9	Other	Dual-Rate Manual Battery Charger	Everstart	Unknown	MS-0903		8164 PP	
C	10-101	Propeller	Name "W Francis"					9535 EV	
C	10-100	Propeller	Name "K HAN"						
C	10-102	Propeller	Name "Irish"						
D	1	Truck	Truck Box - White 16' - Nordana Box on Ground						
D	2	Trailer	Green, 16 ft. - 30' Flat Bed/ Container						
D	3	Truck	Silver, 38 ft. - #3249						
D	4	Truck	Silver/White, 40 ft on flatbed - Leroy #4223						
D	5	Trailer	White L/Blue Strips, Leroy 4301 40 ft - Container on Flatbed						
D	6	Car	Green Flatbed", "Concannon" - Dumpster Roll on truck			231			
D	7	Car	Green/White Dump Truck, C. Excavating, 718 474-6223, 800 531 6223	GMC	7000 Sierra	720			
D	8	Truck	Concannon Black, Silver Dump Truck, 14 Wheeler US DOT #1470479	Mack	RD 888S	WM043175	151100S7-NY		NJX9821G
D	9	Boat	White inspection 1989-250613 Sea Ray with inboard Engine and Green	Sea Ray			NY8100PM		
D	10	Boat	White, with blue stripes"An Jim San" No engine, no numbers				No Reg.		
D	11	Boat	Blue, White Sail Boat inspection NY1691107366				NY5253DD		
D	12	Car	Old red dump truck/Red Wreck Garbage	Chevrolet	60/Chevrolet	709			Colorado 0352-TJ
D	13	Trailer	Silver, 21ft./"CHRIS"						
D	14	Truck	Silver, 20 ft. - 1197K w super "cos" loader						
D	15	Truck	Yellow Bull Dozer/ Poss D8			00830017		NY AK 63141	
D	16	Truck	Silver, 25 ft #5946						
D	17	Trailer	Silver, 25ft./ "Ficat On" / 5676P7/D#58117/ Mod. 725 B						
D	18	Trailer	Silver, 18ft./ "Magic Roller" A 33"	Magic Roller					
D	19	Trailer	Silver, 21ft./ "A 29"	Escort					
D	20	Trailer	Silver, 18ft./ "A 32"	HARDLINE					AA 76852 (NY)

Quand rant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/VIN Number	Registration	ID #	License Plate
D	21	Trailer	Silver, 14 foot/ Inspection Sticker Reg. 0897565						PACBMS5878
D	22	Trailer	Silver, 18ft. "Karavan" 0260DN/Inspection Sticker Reg. 00210597NY						NYAK 15193
D	23	Trailer	Silver, 14ft./AB93697/Inspection Sticker Reg. NY748063						NY-AB93697
D	24	Trailer	Silver, 19ft/8825"DRY DOCK"/Inspection Sticker Reg. NY00348923						NY AL93971
D	25	Trailer	"Great Oak", 20 ft. A31 SILVER	SHORELINE					
D	26	Trailer	Silver, 20ft./9611 JW						
D	27	Trailer	Silver, 20ft./ "A 34"						
D	28	Trailer	Brown, 20ft./ "Per Gola"						50534K-NY
D	29	Trailer	Silver-20ft. A35	Load Rite	Load Rite				
D	30	Trailer	Silver color with Black Stripes-HAHN/Inspection Sticker Reg. FL04043467	Load Master					FL X07KSY
D	31	Trailer	Silver Color-18ft. A30	Shoreline					
D	32	Trailer	Black-18ft. 2145 PJ						
D	33	Trailer	White color 20ft./A27/Inspection Sticker NY300670	EZ Loader					NY AB 98668
D	34	Trailer	Silver Color-20th. JM	Highlander					
D	35	Trailer	Silver-20ft. VERNA	EZ - Loader					
D	36	Trailer	Silver Color-20ft. A25	Karavan					
D	37	Trailer	White Color-20ft.	VIP					
D	38	Trailer	Silver-18ft. A23	Shore Line					
D	39	Trailer	White-18ft. A22						
D	40	Trailer	Silver-30ft. "g456"	Magic Trail		31E92301			
D	41	Trailer	Silver-20ft. A19						
D	42	Trailer	Silver-White-20ft. "A21"						
D	43	Trailer	Silver 20 foot "A20"	Shorelander					
D	44	Trailer	Silver "Smith", 22 ft	EZ Loader					
D	45	Trailer	Silver Garcia 25 foot "C Garcia"						
D	46	Trailer	Silver white - 20ft. "9859"	5 Starr		4F146618			
D	47	Boat	Demolished Boat, White						
D	48	Boat	Green/White, Demolished, On ground, Inspection Sticker reg. 122523	Arrow Glass			NY 1282 PK		
D	49	Trailer	White trailer, "Weber", 22 ft.						
D	50	Boat	Yellow, White Trashed Boat	PENN YANN			NY6884DN		
D	51	Trailer	Silver 24 ft. "A 37"	Magic Trail					
D	52	Trailer	Brown, 20 ft., Weber "7521 DN"	5 Starr					NY AB 95867
D	53	Trailer	Silver, 24 foot/ "4888PP"/Insp. Sticker on -Reg. NY00418779						
D	54	Trailer	Silver, 20 ft., 4576 PM	Shoreliner					
D	55	Trailer	Silver; white, "Bob. W", 15 ft., " Bob W. and John L.						
D	56	Trailer	Silver, 20 foot/COA 15 IDINE/Insp. Sticker Reg. NY 357187	LOAD RITE					AJ 77221 NY
D	57	Trailer	Silver, "Amato", 24 ft., 3111 PK						
D	58	Trailer	Silver, 20 foot/ESCORT 1945JY/Insp. Sticker Reg. NY 1070184						NY 125122A
D	59	Trailer	Silver, 23 foot/ 6405	EZ-LOADER					NY 21212Z
D	60	Trailer	Silver, 21 ft., "P. Baffa., 6685 VH						
D	61	Trailer	Silver, 22 foot/ISJP 2941/"5322"/Insp. Sticker Reg. NY 275423	EZ-LOADER					NY AF27964
D	62	Trailer	Silver White 20 foot/ A14						
D	63	Trailer	Silver, 24 foot/A13						
D	64	Trailer	Silver, 20 foot/A15/COX	Highlander					
D	65	Trailer	Silver, 20 foot/A16	NISSAN					
D	66	Trailer	Silver, 17 foot/A12	EETTIZON			2947 KD		
D	67	Trailer	Silver, 20 foot	Adjusting					
D	68	Trailer	Silver, 24 foot/ANGLER						
D	69	Trailer	Rusted-Silver, 16 foot/A17						
D	70	Trailer	Silver, 22 foot/99200N/COMMODORE	COMMODORE					NY AB97060
D	71	Trailer	Silver, "Santiago", 18ft/4659	Highland					NY AB97060
D	72	Trailer	Silver, "Santiago", 18ft.	Highland			NY 866401	4659 KV	
D	73	Boat	Santiago					4659 WU	
D			Brown and baige. Inspection #104560				NY B549 PC		

Quand rant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/VIN Number	Registration	ID #	License Plate
D	74	Boat	White w/Gray Stripes/Larson				NY 3342DN		
D	75	Boat					NY 1450JT		
D	76	Boat					NY3133JX		
D	77	Trailer	Silver						
D	78	Boat	White/Silver				NY 8109 DH		
D	110	Boat	Floater w/beige decking. Approx. 5'x25'. South east of small house.						
D	111	Boat	Floater w/grey wooden deck + open slots. Southeast of small house.						
D	112	Boat	Floater w/grey wooden decking + w/open slots. "Southeast of small house".						
D	113	Boat	Floater w/grey wooden decking + w/open slots. "Southeast of small house".						
D	1-1	Engine	Black	MerCruiser Marine				197	
D	S-1	Computer	Computer monitor with keyboard	Goldstar	2105A	30601480			
D	S-2	Computer	Computer monitor with keyboard	Goldstar	2105A	31200924			
E	1	Truck	Size 19' 2" x 29' 6"	Magis Tilt	NAT 8/94				
E	1	Trailer	Size 19' 2" x 29' 6"	Magis Tilt	NAT 8/94				
E	2	Trailer	19 Ft. Long	MFG.	Not Visible				Trailer 70164R-NY
E	3	Trailer	16 Ft. 7" Long						Trailer 80367W-NY
E	4	Trailer	24 Ft. Long						TE484NJ
E	5	Trailer	FL5765HT 24 Ft. Long Town of Islip TR #1941	Trailers					AC67503-NY
E	6	Boat	2' Long NY93-252512 NY97-268441	Bayline (Capri)			NY3717FL		
E	7	Boat and Trailer	12R; Trailer Size - 22' 8" Long; Trailer Desc. - Dellwood Mfg.	VIP MFG	10/88				
E	8	Trailer	Vivian Industrial size - 24' Ft. Long						
E	9	Trailer	Trailer Registration #2843 Dutton-Ainson Co.	Renken			NY2231PF		
E	10	Trailer	Black Cage Like Trailer Size - 16' Ft. Long Trailer Type #86X12ATV	MJDHENS	2002	2M505226			PA.
E	11	Trailer	Trailer Size 24' 6" Long	Shelby Industries Inc.	#5470A				AN-19056-NY
E	12	Trailer	Trailer Size 22' Ft. Long Jan/1980		Jan/19870				AK-75782-NY
E	13	Trailer	Trailer Size 27' 5" Long T262S - Trailer Winch	Fulton					
E	14	Trailer	Trailer Size 21' 8" Long	Shelby	#5409				XBH-6700-PA
E	15	Trailer	Trailer Size 22' 6" Long	Lod Rite	#212900S	J1000500			633196-NY
E	16	Trailer	Size 20' 6" Long	Highlander					
E	17	Trailer	Size 20' Long	Shoreline					
E	18	Trailer	Trailer Size 20' Ft. Long (Really Etched in Back)						
E	19	Boat	5120 Insp. # NY00148653	Thunderbird			NY 2615 P		19170C
E	20	Boat	Beige w/Black Stripe Size 23' 6" Long NY94171889	Winner			NY6103PM		
E	21	Boat	NY 585 DN; Size: 23 ft long; NY 90-106197				NY 585 DN		
E	22	Boat	Beige & White Evinrude Engine Boat Size 17' Ft. Long NY 92-242569	Florida Inc.	Fisherman		NY0501DN		
E	23	Boat	Green Boat Size 17' Ft. Long NY98-122481	Wis. On Ground			NY 9328DN		
E	24	Boat	White Size 15' Ft. Long NY92-202879	Mustang/Star			NY2074FW		
E	25	Boat	Beige/Green Size 19 Ft. Long NY97-155274				NY8324PC		
E	26	Boat	NY2013EH Blue/White Size 15 Ft. Long Evinrude Motor NY91				NY2013EH		
E	27	Boat	NY94-159744 Blue/White Size 13' 6" Long	Sportcraft Perry			NY1937PM		NY
E	28	Truck	Tow Truck Silver	Wreckers					
E	29	Boat	Blue size 16 Ft. Long NY94-175622 NY-91-202716	Evinrude			NY9222DL		
E	30	Boat	Blue/White Size 16 Ft. Long CA-94-2-823103	Menckruser Manne			CF6608CU		
E	31	Boat	Brown/Rust size 13 Ft. Long	Starcraft	Arrow				
E	32	Boat	Blue/White (Misty Blue II) size 16 Ft. Long	Starcraft					
E	33	Trailer	Trailer size 15 Ft. Long	Loadrite (sands)			NY8158DL		
E	34	Boat	White/Beige Boat size 14 Ft. Long NY 92-202769						
E	35	Boat	Light Blue Boat size 17' Ft. Long NY90-112131				NY0710CC		
E	36	Boat	White/SZ: 16ft long/Name LC Tuna/ Insp. # NY 90-112218				NY4265DV		
E	37	Boat	RED NY-98-122103				NY 9877		
E	38	Boat	Light blue; size - 17 ft. Long; NY 93-252621; Name MFRV	Sea Ray			NY 1771 HP		
E	39	Boat	White/Red; Size 18 ft Long; Name: Mary C; Inspection NY 93-122893	Galaxy			NY 2485 BC		
E	40	Boat	Beige size 17 Ft. Long NY90-112288				NY8935PM		
E	41	Boat	Lt. Blue/White				NY7277AP		

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E	42	Boat	White: size 20 ft long; Name: Susan R; Inspection NY 88-174536				NY 9357 DL		
E	43	Boat	BUWH; size 16 ft Long; Name: Llyr; Inspection NY 95-175024	Penn Yan			NY 2741 DU		
E	44	Boat	Red, size 18 ft Long; Inspection Stricker NY 99-112527	Merc Cruiser	SRV 200		NJ 6157 AL		
E	45	Boat	BUWH/Blue Stripe; size 17 ft Long; Inspection NYDI-46198	Silver Line			NY 5883 HP		
E	46	Boat	White, size 17 ft Long; Inspection # NY90-228177	518CRO			NY 9135 PM		
E	47	Boat	BRWH, size 17 ft Long; Name: Mayra; Inspection #NY97-260717	Renken			NY 7841 PE		
E	48	Boat	White, size 19 ft Long; Name: Elizabeth; Inspection # (1) NY918311, (2) NY88	Winner			NY 7405 DL		
E	49	Boat	WHITE, SIZE 12 Ft., Name: Peg 3; Inspection # NY07-00291045; On ground				NY 1922 HP		
E	50	Boat	White, size 16 ft Long; Inspection #NY09-90216420	Challenger 180			NY 5748 UL		
E	51	Boat	Blue, size 25 ft Long; Inspection # NY 96-254679				NY 5224 DF		
E	52	Boat	White/Green Bottom size 22 Ft. Long NY93125432				NY4550DG		
E	53	Boat	White BI Trim size 18 Ft. Long						
E	54	Other	Rusted size 8 Ft. Long Winch Motor						
E	55	Other	Red/Rust Tractor	McCormick	Farmall				
E	56	Boat	White size 21 Ft Long NY83-307143				NY5984BW		
E	57	Truck	Silver, 22ft.						
E	58	Trailer	Silver, 19ft.				NY 89639 N		
E	59	Truck	Silver, 14 ft.						
E	60	Trailer	Silver, 22 ft.						
E	61	Boat	Old wooden Trashed Boat				NY7594DN		
E	62	Trailer	Silver, 14 ft. In Weeds						
E	63	Car	White, Totalled (Wreck)	Mercedes Benz	240D				
E	64	Boat	White on Ground				NY449		
E	65	Boat	White on Ground				NY5005GN		
E	66	Boat	White on Ground				NY0150PN		
E	67	Boat	Tan/White: Inspection # 112541 exp. 1999, On ground	Starcraft			NY 2172 PG		
E	68	Trailer	Beige/White Buff Trashed, Blue Trailer, on wood dock near weeds						
E	69	Trailer	Blue/White Boat and Brown Trailer, on wood dock in weeds	Bayliner					
E	70	Boat	White: on wooden dock in weeds						
E	71	Boat	White Boat: on ground in weeds				NY 9930 DH		
E	72	Boat	White with Red Stripe, on ground in weeds				NY 4384 GR		
E	73	Boat	White and Blue: on ground				NY 617 AW		
E	74	Trailer	Silver, 14ft.				NY 3272 FL		
E	75	Trailer	Silver, 14ft.				NY 5702 VL		
E	76	Trailer	Silver, 20 ft.						
E	77	Trailer	Silver, 14ft.						
E	78	Trailer	Silver, 18 ft.						
E	79	Trailer	Silver, 20 ft.						
E	80	Trailer	Silver, 14ft.						
O	1	Engine	(Blue) evinrude 60 "Front of C3"	Evinrude					
O	2	Engine	Outside bet. Containers & big house	Volvo					
O	3	Engine	Outside bet. Container & big house. E/S/O Big Bldg.						
O	4	Engine	Black, Mercrusier, Alpha One, 4.3 Liter, e/o/o large building						
O	5	Engine	Outside between container and big house						
O	6	Engine	Black, Mercrusier, Alpha One, 5.9 Liter						
O	7	Other	Engine On Ground, Ford Engine Block # C8AE-H E/S/O Big House	Ford		OB853461			
O	12	Motor	Zunofalge 12453/Next to container C4	Mercedes					
O	13	Motor	Next to C4	Mercury	MCM 7.4 liter	08899804			
O	14	Motor	Next to C4	Volvo		CU 75871			
O	15	Motor	Mercruiser Alpha one 260V8, Next to C4	Mercury	MCM 260	A615651			
O	16	Motor	Next to C4	General Motor					
O	17	Motor	Next to C4						
O	18	Motor	Mercruiser-next of C4	Mercury	MCM 140	6901712			
O	19	Motor	Next to C4	Mercury	MCM 4.3 liter	0B7599			

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O	20	Motor	Next to C4						
O	21	Engine	Gold/Front of C3						
O	22	Engine	Black 115/Front of C3						
O	23	Propeller (Out Drive)	Suzuki 90/Front of C3	Suzuki					
O	24	Engine	Black, Mercury 150, next to big house deck	Mercury		N/A	N/A		
O	25	Engine	Black, Precision Blend 90, next to the big house deck	Yamaha		N/A	N/A		
O	26	Battery	West Marine, 1971 FG, Behind also large building	Sea Voll					
O	27	Battery	Outside shop entrance marine starting battery	Energizer		4FO1AM9E			
O	28	Battery	On the Ground, Energizer E/S/O Large Bldg.			4FO1AM9E			
O	29	Battery	Marine starting battery outside shop entrance	Sea Hawk					
O	30	Battery	Battery --elo large bldg.	Power Master				9276	
O	31	Battery	Battery --elo large bldg.	Power Mater				0260 DN	
O	32	Battery	Heavy duty marine starting battery	Power Master				0264 DN	
O	33	Battery	Heavy duty marine starting battery	Die Hard					
O	34	Battery	East/Side of Big House	Marine Service					
O	35	Battery	"Hill" C202213, Power King	Sea Hawk					
O	36	Battery	"Joe Casey"	Sea Hawk					
O	37	Battery	Marine Starting	Inerstate					
O	38	Battery	6E20BM9A	Corp	J225TXCED	GO2349157			
O	39	Battery	Outside of C-15-White	Sports Master				5169 EL #2	
O	40	Battery	Marine Starting Battery/Between containers C8 & C9	Sportsman		IF 13 WEFB			
O	41	Battery	Kevin Keating 1 of 3/Between C8 & C9	Sportsman					
O	42	Battery	Kevin Keating My Baby & Me 2 of 3/Between C8 & C9	Sportsman					
O	43	Battery	Marine Service/Betwn C8 & C9	Power King					
O	44	Battery	Marine Starting Battery/Btwn C8 & C9	Sports Master				5169 EL	
O	45	Battery	1348 KF Marine Service/Btwn C8 & C9	Power King				1348 KF	
O	46	Battery	Marine Service 8121 HF/Btwn C8 & C9	Power King		F8L3		8121 HR	
O	47	Battery	Red Trojan Outdoor Battery/Btwn C8 & C9	Trojan				5088 UK	
O	48	Battery	Deep Cycle plus Starting/Btwn C8 & C9	Duralast		756886			
O	49	Battery	Marine Service/Btwn C8 & C9	Power King		E232115		8049 TM	
O	50	Battery	Ultimate Power Trailing Motor Battery/Btwn C8 & C9	Minn Kota		80027			
O	51	Battery	Dual Purpose 745/Btwn C8 & C9	West Marine		1231059		2173 KB	
O	52	Battery	Marine Starting/Btwn C8 & C9	Seahawk				2004 US	
O	53	Battery	Btwn C8 & C9	Diehard		96411		5684 OL	
O	54	Battery	Marine Service Battery/Btwn C8 & C9	Trojan				1085 KY	
O	55	Battery	Btwn C8 & C9	Power King				9401 UV	
O	56	Battery	5065 PG Marine Service/Btwn C8 & C9	Power King				5065 PL	
O	57	Battery	Marine/RV Cranking Battery/Btwn C8 & C9	Power King				5022 EL	
O	58	Battery	Marine/RV Cranking Battery/Btwn C8 & C9	Interstate		OC06BM9E			
O	59	Battery	Dual Purpose & Deep Cycle Marine Starting Battery "Off Duty"/Btwn C8 & C9	Nauticus	June 00	RIC0			
O	60	Battery	High Rate Series Battery/Btwn C8 & C9	Kirkland signature	207220	9C25CM9C			
O	61	Battery	High Rate Series Battery/Btwn C8 & C9	Dynasty		PAS32503			
O	62	Battery	Dual Purpose Deep Cycle Battery/Btwn C8 & C9	Nautilus	NC24 Apr. 03	3			
O	63	Battery	Red Battery/Btwn C8 & C9	Trojan				2729 DN	
O	64	Battery	Seahawk Marine Starting/Btwn C8 & C9	Seahawk					
O	65	Battery	Power Master Heavy Duty Marine Starting, "Buster"/Btwn C8 & C9	Power Master	24-85				
O	66	Battery	Black Casing with Green & Yellow Labeling/Btwn C8 & C9	Power Master					
O	67	Battery	Black Battery with Yellow Labeling/Btwn C8 & C9	West Marine	1196641	2528296641			
O	68	Battery	Marine/RV Cranking Battery Green Labeling Black Battery/Btwn C8 & C9	Interstate		9A27AM9B		1045 DM	
O	69	Battery	Continuous use Deep Cycle Battery/Btwn C8 & C9	Delco	Voyager			0376 DM	
O	70	Battery	Freedom Battery/Btwn C8 & C9	Delco 72	75A-72				
O	71	Battery	High Rate Series Battery/Btwn C8 & C9	Dynasty		532503			
O	72	Battery	Diehard Marine Starting & Deep Cycle/RV - Btwn C8 & C9	Diehard	27494	OC06CM9E			
O	73	Battery	Fled Battery /Btwn C8 & C9	Trojan				1990	

Quand rant	Item #	Item Type	Description/Condition	Make	Model/Year	Serial/VIN Number	Registration	ID #	License Plate
O	71	Battery	Diehard Marine Starting & Deep Cycle RV/Btwn C8 & C9	Diehard	27494	OBC78M98			
O	72	Battery	Btwn C8 & C9	Titan		24M525X0W			
O	73	Battery	Btwn C8 & C9	Power King				1045 DN	
O	74	Battery	On the Ground, ID # 1045DN between C8 & C9	West Marine	Seavolt			1045DN	
O	75	Battery	On the Ground, Diehard marine starting & Deep Cycle battery between C8 & C9	Diehard	96494	S10D8B3			
O	76	Battery	On the Ground, between C8 & C9	Power King					
O	77	Battery	On the Ground, between C8 & C9	Diehard	27524	D28M27524			
O	78	Battery	On the Ground, between C8 & C9	Titan					
O	79	Battery	On the Ground, between C8 & C9	Seahawk					
O	80	Battery	On the Ground, Black battery with Blue & White lettering between C8 & C9	Power King					
O	81	Battery	On the Ground, case dismissed Klein 2 of 3 between C8 & C9	Sports Master					
O	82	Battery	On the Ground, Black Battery with Green Labeling between C8 & C9	InterState					
O	83	Battery	On the Ground, Duralast Gold Battery between C* & C9	Duralast Gold					
O	84	Battery	On the Ground, case dismissed between C8 & C9	Sports Master		OK11CWGC			
O	85	Battery	On the Ground, Marine Starting Klein "Case Dismissed" 2 of 2 between C8 & C9	Sports Master		A21L1			
O	86	Battery	On the Ground, #6259 PM 1 of 2 between C8 & C9	Nautilus 1000					
O	87	Battery	On the Ground, Outside Container C9 Ultra Energy Gold between C8 & C9	ACDELCO	DEC 00				
O	88	Battery	On the Ground	Delco	786YR				
O	89	Battery	On the Ground						
O	90	Battery	between C8 & C9						
O	91	Battery	1045DN between C8 & C9 On the Ground	Nautilus	June 00	WST2			
O	92	Battery	Blue top with White case between C8 & C9 On the Ground	Sure Power		RCO			
								1045DN	

APPENDIX B
SITE PHOTOGRAPHS



Trailers



Trailers



Trailers



Boats



Boats and trailers



Boats



Boats



AST



AST near trailers



AST



Batteries



Cylinders



Pails of oil



Wetland Area



Wetland Area



Wetland Area



Drainage channel showing fill material
composed of C&D debris

APPENDIX C

LABORATORY DATA REPORTS

EMSL Analytical

<http://www.emsl.com>

3 Cooper St.
Westmont, NJ 08108
Phone: (856) 858-4800
Fax: (856) 858-4571

Attn: **Robert Kreuzer**
Liro Group
690 Delaware Avenue
Buffalo, NY 14209

Phone (718) 321-3136
Fax: (718) 321-3422

4/10/2007

The following report covers the analysis performed on samples submitted to EMSL Analytical on 3/30/2007. The results are tabulated on the attached data pages for the following client designated project:

Project ID: Schmitt Marina

The reference number for these samples is EMSL Order #010701441. Please use this reference when calling about these samples.

If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:

Laboratory Director or other
approved signatory
NJ-NELAP Accredited:04653



The test results contained within this report meet the requirements of NELAC and/or the specific certification program that is applicable, unless otherwise noted.



EMSL Analytical

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: **Robert Kreuzer**
Liro Group
690 Delaware Avenue
Buffalo, NY 14209

Fax: (718) 321-3422 Phone: (718) 321-3136

Customer ID: LIRO50
Customer PO:
Received: 03/30/07 4:10 PM
EMSL Order: 010701441
EMSL Proj: Schmitt Marina
Report Date: 4/10/2007

<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>			
D-1		3/29/2007		0001			
<i>Test</i>	<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Units</i>	<i>RL</i>	<i>Analysis Date/Time</i>	<i>Analyst</i>
Ignitability	1010	Ignitability	140		n/a	4/3/2007 04:30 PM	mmazur
Total Petroleum Hydrocarbons	418.1 Mod	Total Petroleum Hydrocarbons	910000	mg/Kg	50	4/3/2007 10:15 AM	rknight
TCLP Metals-Arsenic, TCLP	6010B	Arsenic	<0.080	mg/L	0.080	4/5/2007 07:31 PM	RFerrer
TCLP Metals-Barium, TCLP	6010B	Barium	<1.0	mg/L	1.0	4/6/2007 01:55 PM	rferrer
TCLP Metals-Cadmium, TCLP	6010B	Cadmium	<0.040	mg/L	0.040	4/5/2007 07:31 PM	RFerrer
TCLP Metals-Chromium, TCLP	6010B	Chromium	<0.10	mg/L	0.10	4/5/2007 07:31 PM	RFerrer
TCLP Metals-Lead, TCLP	6010B	Lead	<0.10	mg/L	0.10	4/5/2007 07:31 PM	RFerrer
TCLP Metals-Selenium, TCLP	6010B	Selenium	<0.20	mg/L	0.20	4/5/2007 07:31 PM	RFerrer
TCLP Metals-Silver, TCLP	6010B	Silver	<0.10	mg/L	0.10	4/5/2007 07:31 PM	RFerrer
TCLP Metals-Mercury, TCLP	7471A	Mercury	0.0022	mg/L	0.0020	4/3/2007 02:25 PM	ksparks
Fingerprint	8015	See Attached			n/a	4/4/2007 10:37 PM	eyayres
TCLP-Pesticides	8081	See Attached			n/a	4/8/2007 03:31 AM	tlindsay
PCB	8082	See Attached			n/a	4/6/2007 11:10 PM	ehernandez
TCLP Metals-TCLP-Herbicides	8151A	See Attached			n/a	4/7/2007 04:51 PM	tlindsay
TCLP-VOA	8260B	See Attached			n/a	4/3/2007 02:36 PM	wfink
VOA	8260B	See Attached			n/a	4/3/2007 02:36 PM	wfink
TCLP-SVOA	8270C	See Attached			n/a	4/5/2007 09:47 PM	eyayres
Reactivity-Reactive Cyanide	9014	Reactive Cyanide	<0.50		0.50	4/3/2007 10:45 AM	tlech
Reactivity-Reactive Sulfide	9034	Reactive Sulfide	< 12.50		n/a	4/3/2007 04:26 PM	kherr
pH	9040B	pH	6.10	ph Units	0.1	4/2/2007 01:30 PM	kherr
Accutest Labs	Subcontract	See Attached			n/a		

**EMSL Analytical**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: **Robert Kreuzer**
Liro Group
690 Delaware Avenue
Buffalo, NY 14209

Fax: (718) 321-3422 Phone: (718) 321-3136

Customer ID: LIRO50
 Customer PO:
 Received: 03/30/07 4:10 PM
 EMSL Order: 010701441
 EMSL Proj: Schmitt Marina
 Report Date: 4/10/2007

<i>Client Sample Description</i>		<i>Collected:</i>		<i>Lab ID:</i>			
B-19		3/29/2007		0002			
<i>Test</i>	<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Units</i>	<i>RL</i>	<i>Analysis Date/Time</i>	<i>Analyst</i>
Ignitability	1010	Ignitability	>180		n/a	4/3/2007 04:30 PM	mmazur
Total Petroleum Hydrocarbons	418.1 Mod	Total Petroleum Hydrocarbons	10000	mg/Kg	50	4/3/2007 10:15 AM	rknight
TCLP Metals-Arsenic, TCLP	6010B	Arsenic	<0.080	mg/L	0.080	4/5/2007 07:39 PM	RFerrer
TCLP Metals-Barium, TCLP	6010B	Barium	3.4	mg/L	1.0	4/6/2007 02:19 PM	rferrer
Bracketing CCVs were biased high. Sample result may be biased high.							
TCLP Metals-Cadmium, TCLP	6010B	Cadmium	<0.040	mg/L	0.040	4/5/2007 07:39 PM	RFerrer
TCLP Metals-Chromium, TCLP	6010B	Chromium	<0.10	mg/L	0.10	4/5/2007 07:39 PM	RFerrer
TCLP Metals-Lead, TCLP	6010B	Lead	1.4	mg/L	0.10	4/5/2007 07:39 PM	RFerrer
TCLP Metals-Selenium, TCLP	6010B	Selenium	<0.20	mg/L	0.20	4/5/2007 07:39 PM	RFerrer
TCLP Metals-Silver, TCLP	6010B	Silver	<0.10	mg/L	0.10	4/5/2007 07:39 PM	RFerrer
TCLP Metals-Mercury, TCLP	7471A	Mercury	<0.0020	mg/L	0.0020	4/3/2007 02:25 PM	ksparks
Fingerprint	8015	See Attached			n/a	4/6/2007 03:55 PM	eayres
TCLP-Pesticides	8081	See Attached			n/a	4/8/2007 03:50 AM	tlindsay
PCB	8082	See Attached			n/a	4/6/2007 11:39 PM	ehernandez
TCLP Metals-TCLP-Herbicides	8151A	See Attached			n/a	4/7/2007 05:19 PM	tlindsay
TCLP-VOA	8260B	See Attached			n/a	4/5/2007 09:07 PM	afalasca
VOA	8260B	See Attached			n/a	4/5/2007 09:07 PM	afalasca
TCLP-SVOA	8270C	See Attached			n/a	4/5/2007 07:45 PM	eayres
Reactivity-Reactive Cyanide	9014	Reactive Cyanide	<0.50		0.50	4/3/2007 10:45 AM	tlech
Reactivity-Reactive Sulfide	9034	Reactive Sulfide	< 12.50		n/a	4/3/2007 04:26 PM	kherr
pH	9040B	pH	6.60	ph Units	0.1	4/2/2007 01:30 PM	kherr
Accutest Labs	Subcontract	See Attached			n/a		

**EMSL Analytical**

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: **Robert Kreuzer**
Liro Group
690 Delaware Avenue
Buffalo, NY 14209

Fax: (718) 321-3422 Phone: (718) 321-3136

Customer ID: LIRO50
 Customer PO:
 Received: 03/30/07 4:10 PM
 EMSL Order: 010701441
 EMSL Proj: Schmitt Marina
 Report Date: 4/10/2007

Client Sample Description B-21 *Collected:* 3/29/2007 *Lab ID:* 0003

<i>Test</i>	<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Units</i>	<i>RL</i>	<i>Analysis Date/Time</i>	<i>Analyst</i>
Ignitability	1010	Ignitability	>180		n/a	4/4/2007 03:00 PM	mmazur
Total Petroleum Hydrocarbons	418.1 Mod	Total Petroleum Hydrocarbons	240	mg/Kg	50	4/3/2007 10:15 AM	rknight
TCLP Metals-Arsenic, TCLP	6010B	Arsenic	<0.080	mg/L	0.080	4/5/2007 07:47 PM	RFerrer
TCLP Metals-Barium, TCLP	6010B	Barium	5.0	mg/L	1.0	4/6/2007 02:27 PM	rferrer
Bracketing CCVs were biased high. Sample result may be biased high.							
TCLP Metals-Cadmium, TCLP	6010B	Cadmium	<0.040	mg/L	0.040	4/5/2007 07:47 PM	RFerrer
TCLP Metals-Chromium, TCLP	6010B	Chromium	<0.10	mg/L	0.10	4/5/2007 07:47 PM	RFerrer
TCLP Metals-Lead, TCLP	6010B	Lead	3.5	mg/L	0.10	4/5/2007 07:47 PM	RFerrer
TCLP Metals-Selenium, TCLP	6010B	Selenium	<0.20	mg/L	0.20	4/5/2007 07:47 PM	RFerrer
TCLP Metals-Silver, TCLP	6010B	Silver	<0.10	mg/L	0.10	4/5/2007 07:47 PM	RFerrer
TCLP Metals-Mercury, TCLP	7471A	Mercury	<0.0020	mg/L	0.0020	4/3/2007 02:25 PM	ksparks
Fingerprint	8015	See Attached			n/a	4/5/2007 03:11 AM	eyayres
TCLP-Pesticides	8081	See Attached			n/a	4/8/2007 04:10 AM	tlindsay
PCB	8082	See Attached			n/a	4/7/2007 12:09 AM	ehernandez
TCLP Metals-TCLP-Herbicides	8151A	See Attached			n/a	4/7/2007 05:47 PM	tlindsay
TCLP-VOA	8260B	See Attached			n/a	4/5/2007 09:50 PM	afalasca
VOA	8260B	See Attached			n/a	4/5/2007 09:50 PM	afalasca
TCLP-SVOA	8270C	See Attached			n/a	4/5/2007 07:15 PM	eyayres
Reactivity-Reactive Cyanide	9014	Reactive Cyanide	<0.50		0.50	4/3/2007 10:45 AM	tlech
Reactivity-Reactive Sulfide	9034	Reactive Sulfide	<13	mg/L	13	4/4/2007 06:00 PM	kherr
pH	9040B	pH	6.47	ph Units	0.1	4/2/2007 01:30 PM	kherr
Accutest Labs	Subcontract	See Attached			n/a		



EMSL Analytical

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: **Robert Kreuzer**
Liro Group
690 Delaware Avenue
Buffalo, NY 14209

Fax: (718) 321-3422 Phone: (718) 321-3136

Customer ID: LIRO50
Customer PO:
Received: 03/30/07 4:10 PM
EMSL Order: 010701441

EMSL Proj: Schmitt Marina

Report Date: 4/10/2007

Client Sample Description E-10 Collected: 3/29/2007 Lab ID: 0004

Test	Method	Parameter	Concentration	Units	RL	Analysis Date/Time	Analyst
Ignitability	1010	Ignitability	>180		n/a	4/4/2007 03:00 PM	mmazur
Total Petroleum Hydrocarbons	418.1 Mod	Total Petroleum Hydrocarbons	480000	mg/Kg	50	4/3/2007 10:15 AM	rknight
TCLP Metals-Arsenic, TCLP	6010B	Arsenic	0.16	mg/L	0.080	4/5/2007 07:55 PM	RFerrer
TCLP Metals-Barium, TCLP	6010B	Barium	14	mg/L	1.0	4/6/2007 02:35 PM	rferrer
Bracketing CCVs were biased high. Sample result may be biased high.							
TCLP Metals-Cadmium, TCLP	6010B	Cadmium	0.15	mg/L	0.040	4/5/2007 07:55 PM	RFerrer
TCLP Metals-Chromium, TCLP	6010B	Chromium	<0.10	mg/L	0.10	4/5/2007 07:55 PM	RFerrer
TCLP Metals-Lead, TCLP	6010B	Lead	7.7	mg/L	0.10	4/5/2007 07:55 PM	RFerrer
TCLP Metals-Selenium, TCLP	6010B	Selenium	<0.20	mg/L	0.20	4/5/2007 07:55 PM	RFerrer
TCLP Metals-Silver, TCLP	6010B	Silver	<0.10	mg/L	0.10	4/5/2007 07:55 PM	RFerrer
TCLP Metals-Mercury, TCLP	7471A	Mercury	0.0051	mg/L	0.0020	4/3/2007 02:25 PM	ksparks
Fingerprint	8015	See Attached			n/a	4/5/2007 12:58 AM	eyayres
TCLP-Pesticides	8081	See Attached			n/a	4/8/2007 04:30 AM	tlindsay
PCB	8082	See Attached			n/a	4/7/2007 12:38 AM	ehernandez
TCLP Metals-TCLP-Herbicides	8151A	See Attached			n/a	4/7/2007 06:14 PM	tlindsay
TCLP-VOA	8260B	See Attached			n/a	4/3/2007 04:52 PM	wfink
VOA	8260B	See Attached			n/a	4/3/2007 04:52 PM	wfink
TCLP-SVOA	8270C	See Attached			n/a	4/5/2007 10:17 PM	eyayres
Reactivity-Reactive Cyanide	9014	Reactive Cyanide	<0.50		0.50	4/3/2007 10:45 AM	tlech
Reactivity-Reactive Sulfide	9034	Reactive Sulfide	<500	mg/L	500	4/4/2007 06:00 PM	kherr
pH	9040B	pH	4.92	ph Units	0.1	4/2/2007 01:30 PM	kherr
Accutest Labs	Subcontract	See Attached			n/a		



EMSL Analytical

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: **Robert Kreuzer**
Liro Group
690 Delaware Avenue
Buffalo, NY 14209

Fax: (718) 321-3422 Phone: (718) 321-3136

Customer ID: LIRO50
Customer PO:
Received: 03/30/07 4:10 PM
EMSL Order: 010701441
EMSL Proj: Schmitt Marina
Report Date: 4/10/2007

Client Sample Description E-38 *Collected:* 3/29/2007 *Lab ID:* 0005

<i>Test</i>	<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Units</i>	<i>RL</i>	<i>Analysis Date/Time</i>	<i>Analyst</i>
Ignitability	1010	Ignitability	<68		n/a	4/4/2007 03:00 PM	mmazur
Total Petroleum Hydrocarbons	418.1 Mod	Total Petroleum Hydrocarbons	160000	mg/Kg	50	4/3/2007 10:15 AM	rknight
TCLP Metals-Arsenic, TCLP	6010B	Arsenic	<0.080	mg/L	0.080	4/5/2007 08:03 PM	RFerrer
TCLP Metals-Barium, TCLP	6010B	Barium	<1.0	mg/L	1.0	4/6/2007 02:43 PM	rferrer
TCLP Metals-Cadmium, TCLP	6010B	Cadmium	<0.040	mg/L	0.040	4/5/2007 08:03 PM	RFerrer
TCLP Metals-Chromium, TCLP	6010B	Chromium	<0.10	mg/L	0.10	4/5/2007 08:03 PM	RFerrer
TCLP Metals-Lead, TCLP	6010B	Lead	0.15	mg/L	0.10	4/5/2007 08:03 PM	RFerrer
TCLP Metals-Selenium, TCLP	6010B	Selenium	0.20	mg/L	0.20	4/5/2007 08:03 PM	RFerrer
TCLP Metals-Silver, TCLP	6010B	Silver	<0.10	mg/L	0.10	4/5/2007 08:03 PM	RFerrer
TCLP Metals-Mercury, TCLP	7471A	Mercury	<0.0020	mg/L	0.0020	4/3/2007 02:25 PM	ksparks
Fingerprint	8015	See Attached			n/a	4/5/2007 01:31 AM	eyayres
TCLP-Pesticides	8081	See Attached			n/a	4/8/2007 04:50 AM	tlindsay
PCB	8082	See Attached			n/a	4/7/2007 01:08 AM	ehernandez
TCLP Metals-TCLP-Herbicides	8151A	See Attached			n/a	4/7/2007 06:42 PM	tlindsay
TCLP-VOA	8260B	See Attached			n/a	4/3/2007 05:37 PM	wfink
VOA	8260B	See Attached			n/a	4/3/2007 05:37 PM	wfink
SVOA	8270C	See Attached			n/a	4/5/2007 10:47 PM	eyayres
TCLP-SVOA	8270C	See Attached			n/a	4/5/2007 10:47 PM	eyayres
Reactivity-Reactive Cyanide	9014	Reactive Cyanide	<1.7		1.7	4/3/2007 10:45 AM	tlech
Reactivity-Reactive Sulfide	9034	Reactive Sulfide	<500	mg/L	500	4/4/2007 06:00 PM	kherr
pH	9040B	pH	4.47	ph Units	0.1	4/2/2007 01:30 PM	kherr
Accutest Labs	Subcontract	See Attached			n/a		

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	D-1
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0001	Sample Matrix:	Organic
Lab File ID:	V10537.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#6	Analysis Date	4/3/2007 14:36:00
Analyst:	WRF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.100 ML	Method:	SW846 8260B
Dilution Factor:	500		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-01-4	Vinyl chloride	50000		UD
75-35-4	1,1-Dichloroethene	25000		UD
78-93-3	2-Butanone	50000		UD
67-66-3	Chloroform	25000		UD
56-23-1	Carbon tetrachloride	25000		UD
71-43-2	Benzene	25000	46000	D
107-06-2	1,2-Dichloroethane	25000		UD
79-01-6	Trichloroethene	25000		UD
127-18-4	Tetrachloroethene	25000		UD
108-90-7	Chlorobenzene	25000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Customer Sample#: D-1	
Lab Name: EMSL ANALYTICAL	Project: Schmitt Marina
EMSL Sample ID: 010701441-0001	Sample Matrix: Organic
Lab File ID: V10537.D	Sampling Date: 3/29/2007
Instrument ID: GC/MS VOA#6	Analysis Date: 4/3/2007 14:36:00
Analyst: WRF	Level (low/med): LOW
GC Column: RTX-502.2 (0.25 mm)	Nominal Amount: 5 ML
Sample wt/vol: 0.100 ML	Method: SW846 8260B
Dilution Factor: 500	
Heated Purge (Y/N): N	

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	25000		UD
74-87-3	Chloromethane	25000		UD
75-01-4	Vinyl chloride	25000		UD
74-83-9	Bromomethane	130000		UD
75-00-3	Chloroethane	25000		UD
75-69-4	Trichlorofluoromethane	25000		UD
107-02-8	Acrolein	630000		UD
76-13-1	Freon 113(1,1,2-Trichlorotrifluoroethan	25000		UD
75-35-4	1,1-Dichloroethene	25000		UD
67-64-1	Acetone	250000	86000	JBD
75-15-0	Carbon disulfide	25000		UD
75-09-2	Methylene chloride	25000		UD
75-65-0	tert-Butyl Alcohol	250000		UD
156-60-5	trans-1,2-Dichloroethene	25000		UD
1634-04-4	Methyl-tert butyl ether	25000		UD
107-13-1	Acrylonitrile	25000		UD
75-34-3	1,1-Dichloroethane	25000		UD
108-05-4	Vinyl acetate	250000		UD
594-20-7	2,2-Dichloropropane	25000		UD
156-59-2	cis-1,2-Dichloroethene	25000		UD
78-93-3	2-Butanone	50000		UD
74-97-1	Bromochloromethane	25000		UD
67-66-3	Chloroform	25000		UD
71-55-6	1,1,1-Trichloroethane	25000		UD
56-23-1	Carbon tetrachloride	25000		UD
563-58-6	1,1-Dichloropropene	25000		UD
71-43-2	Benzene	13000	46000	D
107-06-2	1,2-Dichloroethane	25000		UD
79-01-6	Trichloroethene	25000		UD
74-95-3	Dibromomethane	25000		UD
75-27-4	Bromodichloromethane	25000		UD
10061-01-5	cis-1,3-Dichloropropene	25000		UD
108-10-1	4-Methyl-2-pentanone	250000		UD

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	D-1
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0001	Sample Matrix:	Organic
Lab File ID:	V10537.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#6	Analysis Date:	4/3/2007 14:36:00
Analyst:	WRF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.100 ML	Method:	SW846 8260B
Dilution Factor:	500		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
108-88-3	Toluene	25000	460000	D
10061-02-6	trans-1,3-Dichloropropene	25000		UD
79-00-1	1,1,2-Trichloroethane	25000		UD
127-18-4	Tetrachloroethene	25000		UD
142-28-9	1,3-Dichloropropane	25000		UD
591-78-6	2-Hexanone	250000		UD
124-48-1	Dibromochloromethane	25000		UD
106-93-4	1,2-Dibromoethane	25000		UD
108-90-7	Chlorobenzene	25000		UD
630-20-6	1,1,1,2-Tetrachloroethane	25000		UD
100-41-4	Ethylbenzene	25000	310000	D
108-38-3	Xylene (para & meta)	25000	1000000	D
95-47-6	Xylene (Ortho)	25000	530000	D
100-42-1	Styrene	25000		UD
75-25-2	Bromoform	25000		UD
98-82-8	Isopropylbenzene	25000	130000	D
108-86-1	Bromobenzene	25000		UD
79-34-1	1,1,2,2-Tetrachloroethane	25000		UD
96-18-4	1,2,3-Trichloropropane	25000		UD
103-65-1	n-Propylbenzene	25000	270000	D
110-57-6	trans-1,4-Dichloro-2-butene	50000		UD
95-49-8	2-Chlorotoluene	25000		UD
106-43-4	4-Chlorotoluene	25000		UD
108-67-8	1,3,5-Trimethylbenzene	25000	460000	D
98-06-6	tert-Butylbenzene	25000		UD
95-63-6	1,2,4-Trimethylbenzene	25000	1800000	D
135-98-8	sec-Butylbenzene	25000	190000	D
541-73-1	1,3-Dichlorobenzene	25000		UD
99-87-6	4-Isopropyltoluene	25000	120000	D
106-46-7	1,4-Dichlorobenzene	25000		UD
95-50-1	1,2-Dichlorobenzene	25000		UD
104-51-8	n-Butylbenzene	25000	360000	D
67-72-1	Hexachloroethane	25000		UD

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	D-1
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0001	Sample Matrix:	Organic
Lab File ID:	V10537.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#6	Analysis Date:	4/3/2007 14:36:00
Analyst:	WRF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.100 ML	Method:	SW846 8260B
Dilution Factor:	500		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
96-12-8	1,2-Dibromo-3-chloropropane	25000		UD
120-82-1	1,2,4-Trichlorobenzene	25000		UD
87-68-3	Hexachlorobutadiene	25000		UD
91-20-3	Naphthalene	25000	1200000	D
87-61-6	1,2,3-Trichlorobenzene	25000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	D-1
Lab Name:	EMSL Analytical Inc.	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0001	Sample Matrix:	Organic
Lab File ID:	C12573.D	Sampling Date:	3/29/07
Instrument ID:	MSD-C	Date Extracted:	4/4/07
Analyst:	EAA/SRK	Analysis Date	4/5/07 09:47:00 PM
GC Column:	RTX-5SIL (0.25 mm)		1 ML
Level (low/med):	LOW	Dilution Factor:	20
% Moisture:		Conc. Extract Volume:	5000 (ul)
PH:		Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Extraction Type:	3580A
Method:	SW846 8270BNA		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
110-86-1	Pyridine	500000		UD
106-46-7	1,4-Dichlorobenzene	35000		UD
95-48-7	2-Methylphenol	40000		UD
106-44-5	3&4-Methylphenol	31000		UD
67-72-1	Hexachloroethane	29000		UD
98-95-3	Nitrobenzene	26000		UD
87-68-3	Hexachlorobutadiene	41000		UD
88-06-2	2,4,6-Trichlorophenol	130000		UD
95-95-4	2,4,5-Trichlorophenol	46000		UD
121-14-2	2,4-Dinitrotoluene	41000		UD
118-74-1	Hexachlorobenzene	46000		UD
87-86-5	Pentachlorophenol	140000		UD

Qualifier Definitions

U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-38
Lab Name:	EMSL Analytical Inc.	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0005	Sample Matrix:	Organic
Lab File ID:	C12575.D	Sampling Date:	3/29/07
Instrument ID:	MSD-C	Date Extracted:	4/4/07
Analyst:	EAA/SRK	Analysis Date	4/5/07 10:47:00 PM
GC Column:	RTX-5SIL (0.25 mm)	Dilution Factor:	1 ML
Level (low/med):	LOW	Conc. Extract Volume:	20
% Moisture:		Injection Volume:	5000 (ul)
PH:		Extraction Type:	1 (ul)
GPC Cleanup(Y/N):	N		3580A
Method:	SW846 8270BNA		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
62-75-9	N-nitrosodimethylamine	41000		UD
108-95-2	Phenol	130000		UD
100-51-6	Benzyl alcohol	500000		UD
111-44-4	bis(2-Chloroethyl)ether	71000		UD
95-57-8	2-Chlorophenol	73000		UD
541-73-1	1,3-Dichlorobenzene	24000		UD
106-46-7	1,4-Dichlorobenzene	28000		UD
95-50-1	1,2-Dichlorobenzene	31000		UD
95-48-7	2-Methylphenol	40000		UD
108-60-1	bis(2-chloroisopropyl)ether	30000		UD
106-44-5	3+4-Methylphenol	31000		UD
621-64-7	N-Nitroso-Di-n-propylamine	39000		UD
67-72-1	Hexachloroethane	29000		UD
65-85-0	Benzoic Acid	500000		UD
98-95-3	Nitrobenzene	28000		UD
78-59-1	Isophorone	38000		UD
88-75-5	2-Nitrophenol	120000		UD
105-67-9	2,4-Dimethylphenol	95000		UD
111-91-1	bis(2-Chloroethoxy)methane	40000		UD
120-83-2	2,4-Dichlorophenol	130000		UD
120-82-1	1,2,4-Trichlorobenzene	40000		UD
91-20-3	Naphthalene	23000	2700000	D
106-47-8	4-Chloroaniline	54000		UD
87-68-3	Hexachlorobutadiene	41000		UD
59-50-7	4-Chloro-3-methylphenol	130000		UD
91-58-7	2-Chloronaphthalene	42000		UD
91-57-6	2-Methylnaphthalene	46000	2100000	D
77-47-4	Hexachlorocyclopentadiene	33000		UD
88-06-2	2,4,6-Trichlorophenol	130000		UD
95-95-4	2,4,5-Trichlorophenol	46000		UD
88-74-4	2-Nitroaniline	39000		UD

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-38
Lab Name:	EMSL Analytical Inc.	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0005	Sample Matrix:	Organic
Lab File ID:	C12575.D	Sampling Date:	3/29/07
Instrument ID:	MSD-C	Date Extracted:	4/4/07
Analyst:	EAA/SRK	Analysis Date	4/5/07 10:47:00 PM
GC Column:	RTX-5SIL (0.25 mm)		1 ML
Level (low/med):	LOW	Dilution Factor:	20
% Moisture:		Conc. Extract Volume:	5000 (ul)
PH:		Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Extraction Type:	3580A
Method:	SW846 8270BNA		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
131-11-3	Dimethylphthalate	43000		UD
208-96-8	Acenaphthylene	25000		UD
606-20-2	2,6-Dinitrotoluene	32000		UD
99-09-2	3-Nitroaniline	58000		UD
83-32-9	Acenaphthene	26000		UD
51-28-5	2,4-Dinitrophenol	100000		UD
100-02-7	4-Nitrophenol	210000		UD
132-64-9	Dibenzofuran	59000		UD
121-14-2	2,4-Dinitrotoluene	41000		UD
84-66-2	Diethylphthalate	46000		UD
86-73-7	Fluorene	26000		UD
7005-72-3	4-Chlorophenyl-phenylether	48000		UD
100-01-6	4-Nitroaniline	47000		UD
534-52-1	4,6-Dinitro-2-methylphenol	100000		UD
86-30-6	n-Nitrosodiphenylamine	27000		UD
122-66-7	1,2-Diphenylhydrazine (as azobenzene)	210000		UD
101-55-3	4-Bromophenyl-phenylether	45000		UD
118-74-1	Hexachlorobenzene	46000		UD
87-86-5	Pentachlorophenol	140000		UD
85-01-08	Phenanthrene	40000		UD
120-12-7	Anthracene	19000		UD
86-74-8	Carbazole	46000		UD
84-74-2	Di-n-butylphthalate	53000		UD
206-44-0	Fluoranthene	30000		UD
92-87-5	Benzidine	1100000		UD
129-00-0	Pyrene	29000		UD
85-68-7	Butylbenzylphthalate	250000	400000	D
56-55-3	Benzo[a]anthracene	31000		UD
91-94-1	3,3'-Dichlorobenzidine	130000		UD
218-01-9	Chrysene	31000		UD
117-81-7	bis(2-Ethylhexyl)phthalate	60000	67000	D

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Customer Sample#: E-38	
Lab Name: EMSL Analytical Inc.	Project: Schmitt Marina
EMSL Sample ID: 010701441-0005	Sample Matrix: Organic
Lab File ID: C12575.D	Sampling Date: 3/29/07
Instrument ID: MSD-C	Date Extracted: 4/4/07
Analyst: EAA/SRK	Analysis Date: 4/5/07 10:47:00 PM
GC Column: RTX-5SIL (0.25 mm)	Level (low/med): 1 ML
Level (low/med): LOW	Dilution Factor: 20
% Moisture:	Conc. Extract Volume: 5000 (ul)
PH:	Injection Volume: 1 (ul)
GPC Cleanup(Y/N): N	Extraction Type: 3580A
Method: SW846 8270BNA	

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
117-84-0	Di-n-octylphthalate	39000		UD
205-99-2	Benzo[b]fluoranthene	24000		UD
207-08-9	Benzo[k]fluoranthene	34000		UD
50-32-8	Benzo[a]pyrene	20000		UD
193-39-5	Indeno[1,2,3-cd]pyrene	35000		UD
53-70-3	Dibenz[a,h]anthracene	31000		UD
191-24-2	Benzo[g,h,i]perylene	33000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

HERBICIDE ORGANICS ANALYSIS DATA SHEET

Customer Sample#: D-1	
Lab Name: EMSL Analytical	Project: Schmitt Marina
EMSL Sample ID: 010701441-0001	Sample Matrix: Organic
Lab File ID: D3714.D	Sampling Date: 3/29/2007
Instrument ID: D	Date Extracted: 4/4/2007
Analyst: EH	Analysis Date: 4/7/2007 4:51:00 PM
GC Column: CLPest I (0.32 mm)	GC Column 2: CLPest II (0.32 mm)
% Moisture:	Dilution Factor: 10
PH:	Concentrated Extract Vol: 10 (ml)
GPC Cleanup(Y/N): N	Injection Volume: 1 (ul)
Extraction Type: 3580A	Sulfur Cleanup: N
Method: SW846 8151	

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
18625-12-2	2,4-D	2200		UD
4841-20-7	Silvex	1100		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

Customer Sample#:		D-1	
Lab Name:	EMSL Analytical	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0001	Sample Matrix:	Organic
Lab File ID:	H1207.D	Sampling Date:	3/29/2007
Instrument ID:	HP-H	Date Extracted:	4/3/2007
Analyst:	EH	Analysis Date	4/6/2007 11:10:00 PM
GC Column:	CLPest I (0.32 mm)	Weight:	1.01 G
GC Column 2:	CLPest I (0.32 mm)	Dilution Factor:	5
% Moisture:		Concentrated Extract Vol:	10 (ml)
PH:		Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (ug/kg)	CONC. (ug/kg)	Q
12674-11-2	Aroclor 1016	5000		UD
11104-28-2	Aroclor 1221	5000		UD
11141-16-5	Aroclor 1232	5000		UD
53469-21-9	Aroclor 1242	5000		UD
12672-29-6	Aroclor 1248	5000		UD
11097-69-1	Aroclor 1254	5000		UD
11096-82-5	Aroclor 1260	5000		UD

Qualifier Definitions

- U = Undetected
- B = Compound detected in method blank
- E = Estimated value
- D = Dilution
- P = Results between the two columns differ >40%

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	D-1
Lab Name:	EMSL Analytical	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0001	Sample Matrix:	Organic
Lab File ID:	G3870.D	Sampling Date:	3/29/2007
Instrument ID:	G	Date Extracted:	4/4/2007
Analyst:	EH	Analysis Date	4/8/2007 3:31:00 AM
GC Column:	CLPest I (0.32 mm)		1.17 ML
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	5
% Moisture:		Concentrated Extract Vol:	10 (ml)
PH:		Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3580A		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
58-89-9	gamma-BHC	210		UD
76-44-8	Heptachlor	210		UD
1024-57-3	Heptachlor Epoxide	210		UD
72-20-8	Endrin	210		UD
72-43-5	Methoxychlor	430		UD
12674-11-2	Toxaphene	4300		UD
57-74-9	Tech Chlordane	2100		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	B-19
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0002	Sample Matrix:	Organic
Lab File ID:	T9682.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#5	Analysis Date:	4/5/2007 21:07:00
Analyst:	AF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.500 ML	Method:	SW846 8260B
Dilution Factor:	1		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-01-4	Vinyl chloride	20		U
75-35-4	1,1-Dichloroethene	10		U
78-93-3	2-Butanone	20		U
67-66-3	Chloroform	10		U
56-23-1	Carbon tetrachloride	10		U
71-43-2	Benzene	10		U
107-06-2	1,2-Dichloroethane	10		U
79-01-6	Trichloroethene	10		U
127-18-4	Tetrachloroethene	10		U
108-90-7	Chlorobenzene	10		U

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	B-19
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0002	Sample Matrix:	Organic
Lab File ID:	T9682.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#5	Analysis Date:	4/5/2007 21:07:00
Analyst:	AF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.500 ML	Method:	SW846 8260B
Dilution Factor:	1		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	10		U
74-87-3	Chloromethane	10		U
75-01-4	Vinyl chloride	10		U
74-83-9	Bromomethane	50		U
75-00-3	Chloroethane	10		U
75-69-4	Trichlorofluoromethane	10		U
107-02-8	Acrolein	250		U
76-13-1	Freon 113(1,1,2-Trichlorotrifluoroethan	10		U
75-35-4	1,1-Dichloroethene	10		U
67-64-1	Acetone	100		U
75-15-0	Carbon disulfide	10		U
75-09-2	Methylene chloride	10		U
75-65-0	tert-Butyl Alcohol	100		U
156-60-5	trans-1,2-Dichloroethene	10		U
1634-04-4	Methyl-tert butyl ether	10		U
107-13-1	Acrylonitrile	10		U
75-34-3	1,1-Dichloroethane	10		U
108-05-4	Vinyl acetate	100		U
594-20-7	2,2-Dichloropropane	10		U
156-59-2	cis-1,2-Dichloroethene	10		U
78-93-3	2-Butanone	20		U
74-97-1	Bromochloromethane	10		U
67-66-3	Chloroform	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-1	Carbon tetrachloride	10		U
563-58-6	1,1-Dichloropropene	10		U
71-43-2	Benzene	5.0		U
107-06-2	1,2-Dichloroethane	10		U
79-01-6	Trichloroethene	10		U
74-95-3	Dibromomethane	10		U
75-27-4	Bromodichloromethane	10		U
10061-01-5	cis-1,3-Dichloropropene	10		U
108-10-1	4-Methyl-2-pentanone	100		U
108-88-3	Toluene	10	31	

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	B-19
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0002	Sample Matrix:	Organic
Lab File ID:	T9682.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#5	Analysis Date:	4/5/2007 21:07:00
Analyst:	AF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.500 ML	Method:	SW846 8260B
Dilution Factor:	1		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
10061-02-6	trans-1,3-Dichloropropene	10		U
79-00-1	1,1,2-Trichloroethane	10		U
127-18-4	Tetrachloroethene	10		U
142-28-9	1,3-Dichloropropane	10		U
591-78-6	2-Hexanone	100		U
124-48-1	Dibromochloromethane	10		U
106-93-4	1,2-Dibromoethane	10		U
108-90-7	Chlorobenzene	10		U
630-20-6	1,1,1,2-Tetrachloroethane	10		U
100-41-4	Ethylbenzene	10	16	
108-38-3	Xylene (para & meta)	10	81	
95-47-6	Xylene (Ortho)	10	43	
100-42-1	Styrene	10		U
75-25-2	Bromoform	10		U
98-82-8	Isopropylbenzene	10		U
108-86-1	Bromobenzene	10		U
79-34-1	1,1,2,2-Tetrachloroethane	10		U
96-18-4	1,2,3-Trichloropropane	10		U
103-65-1	n-Propylbenzene	10	18	
110-57-6	trans-1,4-Dichloro-2-butene	20		U
95-49-8	2-Chlorotoluene	10		U
106-43-4	4-Chlorotoluene	10		U
108-67-8	1,3,5-Trimethylbenzene	10	110	
98-06-6	tert-Butylbenzene	10		U
95-63-6	1,2,4-Trimethylbenzene	10	140	
135-98-8	sec-Butylbenzene	10	13	
541-73-1	1,3-Dichlorobenzene	10		U
99-87-6	4-Isopropyltoluene	10		U
106-46-7	1,4-Dichlorobenzene	10		U
95-50-1	1,2-Dichlorobenzene	10		U
104-51-8	n-Butylbenzene	10	24	
67-72-1	Hexachloroethane	10		U
96-12-8	1,2-Dibromo-3-chloropropane	10		U
120-82-1	1,2,4-Trichlorobenzene	10		U

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	B-19
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0002	Sample Matrix:	Organic
Lab File ID:	T9682.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#5	Analysis Date:	4/5/2007 21:07:00
Analyst:	AF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.500 ML	Method:	SW846 8260B
Dilution Factor:	1		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
87-68-3	Hexachlorobutadiene	10		U
91-20-3	Naphthalene	10	90	
87-61-6	1,2,3-Trichlorobenzene	10		U

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	B-19
Lab Name:	EMSL Analytical Inc.	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0002	Sample Matrix:	Organic
Lab File ID:	C12569.D	Sampling Date:	3/29/07
Instrument ID:	MSD-C	Date Extracted:	4/4/07
Analyst:	EAA/SRK	Analysis Date	4/5/07 07:45:00 PM
GC Column:	RTX-5SIL (0.25 mm)		1 ML
Level (low/med):	LOW	Dilution Factor:	1
% Moisture:		Conc. Extract Volume:	5000 (ul)
PH:		Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Extraction Type:	3580A
Method:	SW846 8270BNA		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
110-86-1	Pyridine	25000		U
106-46-7	1,4-Dichlorobenzene	1800		U
95-48-7	2-Methylphenol	2000		U
106-44-5	3&4-Methylphenol	1600		U
67-72-1	Hexachloroethane	1500		U
98-95-3	Nitrobenzene	1300		U
87-68-3	Hexachlorobutadiene	2100		U
88-06-2	2,4,6-Trichlorophenol	6300		U
95-95-4	2,4,5-Trichlorophenol	2300		U
121-14-2	2,4-Dinitrotoluene	2100		U
118-74-1	Hexachlorobenzene	2300		U
87-86-5	Pentachlorophenol	7000		U

Qualifier Definitions

U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

Customer Sample#:		B-19	
Lab Name:	EMSL Analytical	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0002	Sample Matrix:	Organic
Lab File ID:	H1208.D	Sampling Date:	3/29/2007
Instrument ID:	HP-H	Date Extracted:	4/3/2007
Analyst:	EH	Analysis Date	4/6/2007 11:39:00 PM
GC Column:	CLPest I (0.32 mm)	Weight:	1.01 G
GC Column 2:	CLPest II (0.32 mm)	Dilution Factor:	5
% Moisture:		Concentrated Extract Vol:	10 (ml)
PH:		Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Sulfur Cleanup:	N
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (ug/kg)	CONC. (ug/kg)	Q
12674-11-2	Aroclor 1016	5000		UD
11104-28-2	Aroclor 1221	5000		UD
11141-16-5	Aroclor 1232	5000		UD
53469-21-9	Aroclor 1242	5000		UD
12672-29-6	Aroclor 1248	5000		UD
11097-69-1	Aroclor 1254	5000		UD
11096-82-5	Aroclor 1260	5000		UD

Qualifier Definitions

U = Undetected

B = Compound detected in method blank

E = Estimated value

D = Dilution

P = Results between the two columns differ >40%

EMSL Analytical Inc.

HERBICIDE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	B-19
Lab Name:	EMSL Analytical	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0002	Sample Matrix:	Organic
Lab File ID:	D3715.D	Sampling Date:	3/29/2007
Instrument ID:	D	Date Extracted:	4/4/2007
Analyst:	EH	Analysis Date	4/7/2007 5:19:00 PM
GC Column:	CLPest I (0.32 mm)		1.02 ML
GC Column 2:	CLPest II (0.32 mm)		
% Moisture:		Dilution Factor:	10
PH:		Concentrated Extract Vol:	10 (ml)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Extraction Type:	3580A	Sulfur Cleanup:	N
Method:	SW846 8151		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
18625-12-2	2,4-D	2500		UD
4841-20-7	Silvex	1200		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

Customer Sample#:		B-19	
Lab Name:	EMSL Analytical	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0002	Sample Matrix:	Organic
Lab File ID:	G3871.D	Sampling Date:	3/29/2007
Instrument ID:	G	Date Extracted:	4/4/2007
Analyst:	EH	Analysis Date	4/8/2007 3:50:00 AM
GC Column:	CLPest I (0.32 mm)	Dilution Factor:	5
GC Column 2:	CLPest II (0.32 mm)	Concentrated Extract Vol:	10 (ml)
% Moisture:		Injection Volume:	1 (ul)
PH:		Sulfur Cleanup:	N
GPC Cleanup(Y/N):	N		
Extraction Type:	3580A		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
58-89-9	gamma-BHC	250		UD
76-44-8	Heptachlor	250		UD
1024-57-3	Heptachlor Epoxide	250		UD
72-20-8	Endrin	250		UD
72-43-5	Methoxychlor	490		UD
12674-11-2	Toxaphene	4900		UD
57-74-9	Tech Chlordane	2500		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Customer Sample#: B-21	
Lab Name: EMSL ANALYTICAL	Project: Schmitt Marina
EMSL Sample ID: 010701441-0003	Sample Matrix: Organic
Lab File ID: T9683.D	Sampling Date: 3/29/2007
Instrument ID: GC/MS VOA#6	Analysis Date: 4/5/2007 21:50:00
Analyst: AF	Level (low/med): LOW
GC Column: RTX-502.2 (0.25 mm)	Nominal Amount: 5 ML
Sample wt/vol: 0.500 ML	Method: SW846 8260B
Dilution Factor: 1	
Heated Purge (Y/N): N	

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-01-4	Vinyl chloride	20		U
75-35-4	1,1-Dichloroethene	10		U
78-93-3	2-Butanone	20		U
67-66-3	Chloroform	10		U
56-23-1	Carbon tetrachloride	10		U
71-43-2	Benzene	10		U
107-06-2	1,2-Dichloroethane	10		U
79-01-6	Trichloroethene	10		U
127-18-4	Tetrachloroethene	10		U
108-90-7	Chlorobenzene	10		U

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	B-21
Lab Name:	EMSL ANALYTICAL		
EMSL Sample ID:	010701441-0003	Project:	Schmitt Marina
Lab File ID:	T9683.D	Sample Matrix:	Organic
Instrument ID:	GC/MS VOA#6	Sampling Date:	3/29/2007
Analyst:	AF	Analysis Date:	4/5/2007 21:50:00
GC Column:	RTX-502.2 (0.25 mm)	Level (low/med):	LOW
Sample wt/vol:	0.500 ML	Nominal Amount:	5 ML
Dilution Factor:	1	Method:	SW846 8260B
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	10		U
74-87-3	Chloromethane	10		U
75-01-4	Vinyl chloride	10		U
74-83-9	Bromomethane	50		U
75-00-3	Chloroethane	10		U
75-69-4	Trichlorofluoromethane	10		U
107-02-8	Acrolein	250		U
76-13-1	Freon 113(1,1,2-Trichlorotrifluoroethan	10		U
75-35-4	1,1-Dichloroethene	10		U
67-64-1	Acetone	100		U
75-15-0	Carbon disulfide	10		U
75-09-2	Methylene chloride	10		U
75-65-0	tert-Butyl Alcohol	100		U
156-60-5	trans-1,2-Dichloroethene	10		U
1634-04-4	Methyl-tert butyl ether	10		U
107-13-1	Acrylonitrile	10		U
75-34-3	1,1-Dichloroethane	10		U
108-05-4	Vinyl acetate	100		U
594-20-7	2,2-Dichloropropane	10		U
156-59-2	cis-1,2-Dichloroethene	10		U
78-93-3	2-Butanone	20		U
74-97-1	Bromochloromethane	10		U
67-66-3	Chloroform	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-1	Carbon tetrachloride	10		U
563-58-6	1,1-Dichloropropene	10		U
71-43-2	Benzene	5.0		U
107-06-2	1,2-Dichloroethane	10		U
79-01-6	Trichloroethene	10		U
74-95-3	Dibromomethane	10		U
75-27-4	Bromodichloromethane	10		U
10061-01-5	cis-1,3-Dichloropropene	10		U
108-10-1	4-Methyl-2-pentanone	100		U

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Customer Sample#:		B-21	
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0003	Sample Matrix:	Organic
Lab File ID:	T9683.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#6	Analysis Date:	4/5/2007 21:50:00
Analyst:	AF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.500 ML	Method:	SW846 8260B
Dilution Factor:	1		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
108-88-3	Toluene	10	55	
10061-02-6	trans-1,3-Dichloropropene	10		U
79-00-1	1,1,2-Trichloroethane	10		U
127-18-4	Tetrachloroethene	10		U
142-28-9	1,3-Dichloropropane	10		U
591-78-6	2-Hexanone	100		U
124-48-1	Dibromochloromethane	10		U
106-93-4	1,2-Dibromoethane	10		U
108-90-7	Chlorobenzene	10		U
630-20-6	1,1,1,2-Tetrachloroethane	10		U
100-41-4	Ethylbenzene	10	37	
108-38-3	Xylene (para & meta)	10	240	
95-47-6	Xylene (Ortho)	10	130	
100-42-1	Styrene	10		U
75-25-2	Bromoform	10		U
98-82-8	Isopropylbenzene	10	10	
108-86-1	Bromobenzene	10		U
79-34-1	1,1,2,2-Tetrachloroethane	10		U
96-18-4	1,2,3-Trichloropropane	10		U
103-65-1	n-Propylbenzene	10	19	
110-57-6	trans-1,4-Dichloro-2-butene	20		U
95-49-8	2-Chlorotoluene	10		U
106-43-4	4-Chlorotoluene	10		U
108-67-8	1,3,5-Trimethylbenzene	10	180	
98-06-6	tert-Butylbenzene	10		U
95-63-6	1,2,4-Trimethylbenzene	10	230	
135-98-8	sec-Butylbenzene	10		U
541-73-1	1,3-Dichlorobenzene	10		U
99-87-6	4-Isopropyltoluene	10		U
106-46-7	1,4-Dichlorobenzene	10		U
95-50-1	1,2-Dichlorobenzene	10		U
104-51-8	n-Butylbenzene	10		U
67-72-1	Hexachloroethane	10		U

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Customer Sample#: B-21	
Lab Name: EMSL ANALYTICAL	Project: Schmitt Marina
EMSL Sample ID: 010701441-0003	Sample Matrix: Organic
Lab File ID: T9683.D	Sampling Date: 3/29/2007
Instrument ID: GC/MS VOA#6	Analysis Date: 4/5/2007 21:50:00
Analyst: AF	Level (low/med): LOW
GC Column: RTX-502.2 (0.25 mm)	Nominal Amount: 5 ML
Sample wt/vol: 0.500 ML	Method: SW846 8260B
Dilution Factor: 1	
Heated Purge (Y/N): N	

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
96-12-8	1,2-Dibromo-3-chloropropane	10		U
120-82-1	1,2,4-Trichlorobenzene	10		U
87-68-3	Hexachlorobutadiene	10		U
91-20-3	Naphthalene	10	130	
87-61-6	1,2,3-Trichlorobenzene	10		U

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	B-21
Lab Name:	EMSL Analytical	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0003	Sample Matrix:	Organic
Lab File ID:	H1209.D	Sampling Date:	3/29/2007
Instrument ID:	HP-H	Date Extracted:	4/3/2007
Analyst:	EH	Analysis Date	4/7/2007 12:09:00 AM
GC Column:	CLPest I (0.32 mm)	Dilution Factor:	5
GC Column 2:	CLPest I (0.32 mm)	Concentrated Extract Vol:	10 (ml)
% Moisture:		Injection Volume:	1 (ul)
PH:		Sulfur Cleanup:	N
GPC Cleanup(Y/N):	N		
Extraction Type:	3550B		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (ug/kg)	CONC. (ug/kg)	Q
12674-11-2	Aroclor 1016	5000		UD
11104-28-2	Aroclor 1221	5000		UD
11141-16-5	Aroclor 1232	5000		UD
53469-21-9	Aroclor 1242	5000		UD
12672-29-6	Aroclor 1248	5000		UD
11097-69-1	Aroclor 1254	5000		UD
11096-82-5	Aroclor 1260	5000		UD

Qualifier Definitions

U = Undetected

B = Compound detected in method blank

E = Estimated value

D = Dilution

P = Results between the two columns differ >40%

EMSL Analytical Inc.

HERBICIDE ORGANICS ANALYSIS DATA SHEET

Customer Sample#:		B-21		
Lab Name:	EMSL Analytical	Project:	Schmitt Marina	
EMSL Sample ID:	010701441-0003	Sample Matrix:	Organic	
Lab File ID:	D3716.D	Sampling Date:	3/29/2007	
Instrument ID:	D	Date Extracted:	4/4/2007	
Analyst:	EH	Analysis Date	4/7/2007 5:47:00 PM	
GC Column:	CLPest I (0.32 mm)	Dilution Factor:	10	
GC Column 2:	CLPest II (0.32 mm)	Concentrated Extract Vol:	10 (ml)	
% Moisture:		Injection Volume:	1 (ul)	
PH:		Sulfur Cleanup:	N	
GPC Cleanup(Y/N):	N	Method:	SW846 8151	
Extraction Type:	3580A			

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
18625-12-2	2,4-D	2500		UD
4841-20-7	Silvex	1300		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

Customer Sample#:		B-21	
Lab Name:	EMSL Analytical	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0003	Sample Matrix:	Organic
Lab File ID:	G3872.D	Sampling Date:	3/29/2007
Instrument ID:	G	Date Extracted:	4/4/2007
Analyst:	EH	Analysis Date	4/8/2007 4:10:00 AM
GC Column:	CLPest I (0.32 mm)	Dilution Factor:	5
GC Column 2:	CLPest II (0.32 mm)	Concentrated Extract Vol:	10 (ml)
% Moisture:		Injection Volume:	1 (ul)
PH:		Sulfur Cleanup:	N
GPC Cleanup(Y/N):	N		
Extraction Type:	3580A		
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
58-89-9	gamma-BHC	250		UD
76-44-8	Heptachlor	250		UD
1024-57-3	Heptachlor Epoxide	250		UD
72-20-8	Endrin	250		UD
72-43-5	Methoxychlor	500		UD
12674-11-2	Toxaphene	5000		UD
57-74-9	Tech Chlordane	2500		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-10
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0004	Sample Matrix:	Organic
Lab File ID:	V10540.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#6	Analysis Date:	4/3/2007 16:52:00
Analyst:	WRF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.100 ML	Method:	SW846 8260B
Dilution Factor:	200		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-01-4	Vinyl chloride	20000		UD
75-35-4	1,1-Dichloroethene	10000		UD
78-93-3	2-Butanone	20000		UD
67-66-3	Chloroform	10000		UD
56-23-1	Carbon tetrachloride	10000		UD
71-43-2	Benzene	10000	55000	D
107-06-2	1,2-Dichloroethane	10000		UD
79-01-6	Trichloroethene	10000		UD
127-18-4	Tetrachloroethene	10000		UD
108-90-7	Chlorobenzene	10000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-10
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0004	Sample Matrix:	Organic
Lab File ID:	V10540.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#6	Analysis Date:	4/3/2007 16:52:00
Analyst:	WRF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.100 ML	Method:	SW846 8260B
Dilution Factor:	200		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	10000		UD
74-87-3	Chloromethane	10000		UD
75-01-4	Vinyl chloride	10000		UD
74-83-9	Bromomethane	50000		UD
75-00-3	Chloroethane	10000		UD
75-69-4	Trichlorofluoromethane	10000		UD
107-02-8	Acrolein	250000		UD
76-13-1	Freon 113(1,1,2-Trichlorotrifluoroethan	10000		UD
75-35-4	1,1-Dichloroethene	10000		UD
67-64-1	Acetone	100000	51000	JBD
75-15-0	Carbon disulfide	10000	11000	D
75-09-2	Methylene chloride	10000		UD
75-65-0	tert-Butyl Alcohol	100000		UD
156-60-5	trans-1,2-Dichloroethene	10000		UD
1634-04-4	Methyl-tert butyl ether	10000	130000	D
107-13-1	Acrylonitrile	10000		UD
75-34-3	1,1-Dichloroethane	10000		UD
108-05-4	Vinyl acetate	100000		UD
594-20-7	2,2-Dichloropropane	10000		UD
156-59-2	cis-1,2-Dichloroethene	10000		UD
78-93-3	2-Butanone	20000		UD
74-97-1	Bromochloromethane	10000		UD
67-66-3	Chloroform	10000		UD
71-55-6	1,1,1-Trichloroethane	10000		UD
56-23-1	Carbon tetrachloride	10000		UD
563-58-6	1,1-Dichloropropene	10000		UD
71-43-2	Benzene	5000	55000	D
107-06-2	1,2-Dichloroethane	10000		UD
79-01-6	Trichloroethene	10000		UD
74-95-3	Dibromomethane	10000		UD
75-27-4	Bromodichloromethane	10000		UD
10061-01-5	cis-1,3-Dichloropropene	10000		UD
108-10-1	4-Methyl-2-pentanone	100000		UD

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-10
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0004	Sample Matrix:	Organic
Lab File ID:	V10540.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#6	Analysis Date:	4/3/2007 16:52:00
Analyst:	WRF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.100 ML	Method:	SW846 8260B
Dilution Factor:	200		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
108-88-3	Toluene	10000	750000	D
10061-02-6	trans-1,3-Dichloropropene	10000		UD
79-00-1	1,1,2-Trichloroethane	10000		UD
127-18-4	Tetrachloroethene	10000		UD
142-28-9	1,3-Dichloropropane	10000		UD
591-78-6	2-Hexanone	100000		UD
124-48-1	Dibromochloromethane	10000		UD
106-93-4	1,2-Dibromoethane	10000		UD
108-90-7	Chlorobenzene	10000		UD
630-20-6	1,1,1,2-Tetrachloroethane	10000		UD
100-41-4	Ethylbenzene	10000	430000	D
108-38-3	Xylene (para & meta)	10000	1600000	D
95-47-6	Xylene (Ortho)	10000	830000	D
100-42-1	Styrene	10000		UD
75-25-2	Bromoform	10000		UD
98-82-8	Isopropylbenzene	10000	160000	D
108-86-1	Bromobenzene	10000		UD
79-34-1	1,1,2,2-Tetrachloroethane	10000		UD
96-18-4	1,2,3-Trichloropropane	10000		UD
103-65-1	n-Propylbenzene	10000	360000	D
110-57-6	trans-1,4-Dichloro-2-butene	20000		UD
95-49-8	2-Chlorotoluene	10000		UD
106-43-4	4-Chlorotoluene	10000		UD
108-67-8	1,3,5-Trimethylbenzene	10000	750000	D
98-06-6	tert-Butylbenzene	10000		UD
95-63-6	1,2,4-Trimethylbenzene	25000	2300000	D1
135-98-8	sec-Butylbenzene	10000	240000	D
541-73-1	1,3-Dichlorobenzene	10000		UD
99-87-6	4-Isopropyltoluene	10000	170000	D
106-46-7	1,4-Dichlorobenzene	10000		UD
95-50-1	1,2-Dichlorobenzene	10000		UD
104-51-8	n-Butylbenzene	10000	540000	D
67-72-1	Hexachloroethane	10000		UD

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-10		
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina		
EMSL Sample ID:	010701441-0004	Sample Matrix:	Organic		
Lab File ID:	V10540.D	Sampling Date:	3/29/2007		
Instrument ID:	GC/MS VOA#6	Analysis Date:	4/3/2007 16:52:00		
Analyst:	WRF	Level (low/med):	LOW		
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML		
Sample wt/vol:	0.100 ML	Method:	SW846 8260B		
Dilution Factor:	200				
Heated Purge (Y/N):	N				

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
96-12-8	1,2-Dibromo-3-chloropropane	10000		UD
120-82-1	1,2,4-Trichlorobenzene	10000		UD
87-68-3	Hexachlorobutadiene	10000		UD
91-20-3	Naphthalene	10000	1500000	D
87-61-6	1,2,3-Trichlorobenzene	10000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution
 D1 = V10559.D (Analysis Time: 04/04/07 19:20:00 , Dil. Factor= 25000.0)

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

Customer Sample#:		E-10	
Lab Name:	EMSL Analytical	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0004	Sample Matrix:	Organic
Lab File ID:	H1210.D	Sampling Date:	3/29/2007
Instrument ID:	HP-H	Date Extracted:	4/3/2007
Analyst:	EH	Analysis Date	4/7/2007 12:38:00 AM
GC Column:	CLPest I (0.32 mm)	GC Column 2:	CLPest I (0.32 mm)
% Moisture:		Dilution Factor:	5
PH:		Concentrated Extract Vol:	10 (ml)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Extraction Type:	3550B	Sulfur Cleanup:	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (ug/kg)	CONC. (ug/kg)	Q
12674-11-2	Aroclor 1016	5000		UD
11104-28-2	Aroclor 1221	5000		UD
11141-16-5	Aroclor 1232	5000		UD
53469-21-9	Aroclor 1242	5000		UD
12672-29-6	Aroclor 1248	5000		UD
11097-69-1	Aroclor 1254	5000		UD
11096-82-5	Aroclor 1260	5000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

HERBICIDE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-10
Lab Name:	EMSL Analytical	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0004	Sample Matrix:	Organic
Lab File ID:	D3717.D	Sampling Date:	3/29/2007
Instrument ID:	D	Date Extracted:	4/4/2007
Analyst:	EH	Analysis Date	4/7/2007 6:14:00 PM
GC Column:	CLPest I (0.32 mm)		
GC Column 2:	CLPest II (0.32 mm)		1.11 ML
% Moisture:		Dilution Factor:	10
PH:		Concentrated Extract Vol:	10 (ml)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Extraction Type:	3580A	Sulfur Cleanup:	N
Method:	SW846 8151		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
18625-12-2	2,4-D	2300		UD
4841-20-7	Silvex	1100		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

Customer Sample#: E-10	
Lab Name: EMSL Analytical	
EMSL Sample ID: 010701441-0004	Project: Schmitt Marina
Lab File ID: G3873.D	Sample Matrix: Organic
Instrument ID: G	Sampling Date: 3/29/2007
Analyst: EH	Date Extracted: 4/4/2007
GC Column: CLPest I (0.32 mm)	Analysis Date: 4/8/2007 4:30:00 AM
GC Column 2: CLPest II (0.32 mm)	1.13 ML
% Moisture:	Dilution Factor: 5
PH:	Concentrated Extract Vol: 10 (ml)
GPC Cleanup(Y/N): N	Injection Volume: 1 (ul)
Extraction Type: 3580A	Sulfur Cleanup: N
Method: SW846 8081/8082	

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
58-89-9	gamma-BHC	220		UD
76-44-8	Heptachlor	220		UD
1024-57-3	Heptachlor Epoxide	220		UD
72-20-8	Endrin	220	480	PD
72-43-5	Methoxychlor	440	730	D
12674-11-2	Toxaphene	4400		UD
57-74-9	Tech Chlordane	2200		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Customer Sample#:		E-38	
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0005	Sample Matrix:	Organic
Lab File ID:	V10541.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#6	Analysis Date:	4/3/2007 17:37:00
Analyst:	WRF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.100 ML	Method:	SW846 8260B
Dilution Factor:	500		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-01-4	Vinyl chloride	50000		UD
75-35-4	1,1-Dichloroethene	25000		UD
78-93-3	2-Butanone	50000		UD
67-66-3	Chloroform	25000		UD
56-23-1	Carbon tetrachloride	25000		UD
71-43-2	Benzene	25000	3500000	D
107-06-2	1,2-Dichloroethane	25000		UD
79-01-6	Trichloroethene	25000		UD
127-18-4	Tetrachloroethene	25000		UD
108-90-7	Chlorobenzene	25000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: EMSL ANALYTICAL		Customer Sample#: E-38
EMSL Sample ID: 010701441-0005	Project: Schmitt Marina	
Lab File ID: V10541.D	Sample Matrix: Organic	
Instrument ID: GC/MS VOA#6	Sampling Date: 3/29/2007	
Analyst: WRF	Analysis Date: 4/3/2007 17:37:00	
GC Column: RTX-502.2 (0.25 mm)	Level (low/med): LOW	
Sample wt/vol: 0.100 ML	Nominal Amount: 5 ML	
Dilution Factor: 500	Method: SW846 8260B	
Heated Purge (Y/N): N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	25000		UD
74-87-3	Chloromethane	25000		UD
75-01-4	Vinyl chloride	25000		UD
74-83-9	Bromomethane	130000		UD
75-00-3	Chloroethane	25000		UD
75-69-4	Trichlorofluoromethane	25000		UD
107-02-8	Acrolein	630000		UD
76-13-1	Freon 113(1,1,2-Trichlorotrifluoroethan	25000		UD
75-35-4	1,1-Dichloroethene	25000		UD
67-64-1	Acetone	250000	390000	BD
75-15-0	Carbon disulfide	25000		UD
75-09-2	Methylene chloride	25000		UD
75-65-0	tert-Butyl Alcohol	250000	740000	D
156-60-5	trans-1,2-Dichloroethene	25000		UD
1634-04-4	Methyl-tert butyl ether	250000	66000000	D1
107-13-1	Acrylonitrile	25000		UD
75-34-3	1,1-Dichloroethane	25000		UD
108-05-4	Vinyl acetate	250000		UD
594-20-7	2,2-Dichloropropane	25000		UD
156-59-2	cis-1,2-Dichloroethene	25000		UD
78-93-3	2-Butanone	50000		UD
74-97-1	Bromochloromethane	25000		UD
67-66-3	Chloroform	25000		UD
71-55-6	1,1,1-Trichloroethane	25000		UD
56-23-1	Carbon tetrachloride	25000		UD
563-58-6	1,1-Dichloropropene	25000		UD
71-43-2	Benzene	13000	3500000	D
107-06-2	1,2-Dichloroethane	25000		UD
79-01-6	Trichloroethene	25000		UD
74-95-3	Dibromomethane	25000		UD
75-27-4	Bromodichloromethane	25000		UD
10061-01-5	cis-1,3-Dichloropropene	25000		UD
108-10-1	4-Methyl-2-pentanone	250000		UD

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-38
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0005	Sample Matrix:	Organic
Lab File ID:	V10541.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#6	Analysis Date:	4/3/2007 17:37:00
Analyst:	WRF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.100 ML	Method:	SW846 8260B
Dilution Factor:	500		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
108-88-3	Toluene	250000	41000000	D1
10061-02-6	trans-1,3-Dichloropropene	25000		UD
79-00-1	1,1,2-Trichloroethane	25000		UD
127-18-4	Tetrachloroethene	25000		UD
142-28-9	1,3-Dichloropropane	25000		UD
591-78-6	2-Hexanone	250000		UD
124-48-1	Dibromochloromethane	25000		UD
106-93-4	1,2-Dibromoethane	25000		UD
108-90-7	Chlorobenzene	25000		UD
630-20-6	1,1,1,2-Tetrachloroethane	25000		UD
100-41-4	Ethylbenzene	250000	8800000	D1
108-38-3	Xylene (para & meta)	250000	34000000	D1
95-47-6	Xylene (Ortho)	250000	15000000	D1
100-42-1	Styrene	25000		UD
75-25-2	Bromoform	25000		UD
98-82-8	Isopropylbenzene	25000	1400000	D
108-86-1	Bromobenzene	25000		UD
79-34-1	1,1,2,2-Tetrachloroethane	25000		UD
96-18-4	1,2,3-Trichloropropane	25000		UD
103-65-1	n-Propylbenzene	25000	3200000	D
110-57-6	trans-1,4-Dichloro-2-butene	50000		UD
95-49-8	2-Chlorotoluene	25000		UD
106-43-4	4-Chlorotoluene	25000		UD
108-67-8	1,3,5-Trimethylbenzene	250000	6100000	D1
98-06-6	tert-Butylbenzene	25000		UD
95-63-6	1,2,4-Trimethylbenzene	250000	22000000	D1
135-98-8	sec-Butylbenzene	25000	370000	D
541-73-1	1,3-Dichlorobenzene	25000		UD
99-87-6	4-Isopropyltoluene	25000	180000	D
106-46-7	1,4-Dichlorobenzene	25000		UD
95-50-1	1,2-Dichlorobenzene	25000		UD
104-51-8	n-Butylbenzene	25000	1600000	D
67-72-1	Hexachloroethane	25000		UD

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-38
Lab Name:	EMSL ANALYTICAL	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0005	Sample Matrix:	Organic
Lab File ID:	V10541.D	Sampling Date:	3/29/2007
Instrument ID:	GC/MS VOA#6	Analysis Date	4/3/2007 17:37:00
Analyst:	WRF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.100 ML	Method:	SW846 8260B
Dilution Factor:	500		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
96-12-8	1,2-Dibromo-3-chloropropane	25000		UD
120-82-1	1,2,4-Trichlorobenzene	25000		UD
87-68-3	Hexachlorobutadiene	25000		UD
91-20-3	Naphthalene	25000	2000000	D
87-61-6	1,2,3-Trichlorobenzene	25000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution
 D1 = V10560.D (Analysis Time: 04/04/07 20:04:00 , Dil. Factor= 250000.0)

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-38
Lab Name:	EMSL Analytical Inc.	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0005	Sample Matrix:	Organic
Lab File ID:	C12575.D	Sampling Date:	3/29/07
Instrument ID:	MSD-C	Date Extracted:	4/4/07
Analyst:	EAA/SRK	Analysis Date	4/5/07 10:47:00 PM
GC Column:	RTX-5SIL (0.25 mm)		1 ML
Level (low/med):	LOW	Dilution Factor:	20
% Moisture:		Conc. Extract Volume:	5000 (ul)
PH:		Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Extraction Type:	3580A
Method:	SW846 8270BNA		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
131-11-3	Dimethylphthalate	43000		UD
208-96-8	Acenaphthylene	25000		UD
606-20-2	2,6-Dinitrotoluene	32000		UD
99-09-2	3-Nitroaniline	58000		UD
83-32-9	Acenaphthene	26000		UD
51-28-5	2,4-Dinitrophenol	100000		UD
100-02-7	4-Nitrophenol	210000		UD
132-64-9	Dibenzofuran	59000		UD
121-14-2	2,4-Dinitrotoluene	41000		UD
84-66-2	Diethylphthalate	46000		UD
86-73-7	Fluorene	26000		UD
7005-72-3	4-Chlorophenyl-phenylether	48000		UD
100-01-6	4-Nitroaniline	47000		UD
534-52-1	4,6-Dinitro-2-methylphenol	100000		UD
86-30-6	n-Nitrosodiphenylamine	27000		UD
122-66-7	1,2-Diphenylhydrazine (as azobenzene)	210000		UD
101-55-3	4-Bromophenyl-phenylether	45000		UD
118-74-1	Hexachlorobenzene	46000		UD
87-86-5	Pentachlorophenol	140000		UD
85-01-08	Phenanthrene	40000		UD
120-12-7	Anthracene	19000		UD
86-74-8	Carbazole	46000		UD
84-74-2	Di-n-butylphthalate	53000		UD
206-44-0	Fluoranthene	30000		UD
92-87-5	Benzidine	1100000		UD
129-00-0	Pyrene	29000		UD
85-68-7	Butylbenzylphthalate	250000	400000	D
56-55-3	Benzo[a]anthracene	31000		UD
91-94-1	3,3'-Dichlorobenzidine	130000		UD
218-01-9	Chrysene	31000		UD
117-81-7	bis(2-Ethylhexyl)phthalate	60000	67000	D

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Customer Sample#: E-38	
Lab Name: EMSL Analytical Inc.	Project: Schmitt Marina
EMSL Sample ID: 010701441-0005	Sample Matrix: Organic
Lab File ID: C12575.D	Sampling Date: 3/29/07
Instrument ID: MSD-C	Date Extracted: 4/4/07
Analyst: EAA/SRK	Analysis Date: 4/5/07 10:47:00 PM
GC Column: RTX-5SIL (0.25 mm)	Dilution Factor: 1 ML
Level (low/med): LOW	Conc. Extract Volume: 20
% Moisture:	Injection Volume: 5000 (ul)
PH:	Extraction Type: 1 (ul)
GPC Cleanup(Y/N): N	
Method: SW846 8270BNA	

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
117-84-0	Di-n-octylphthalate	39000		UD
205-99-2	Benzo[b]fluoranthene	24000		UD
207-08-9	Benzo[k]fluoranthene	34000		UD
50-32-8	Benzo[a]pyrene	20000		UD
193-39-5	Indeno[1,2,3-cd]pyrene	35000		UD
53-70-3	Dibenz[a,h]anthracene	31000		UD
191-24-2	Benzo[g,h,i]perylene	33000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Customer Sample#: B-21	
Lab Name: EMSL Analytical Inc.	Project: Schmitt Marina
EMSL Sample ID: 010701441-0003	Sample Matrix: Organic
Lab File ID: C12568.D	Sampling Date: 3/29/07
Instrument ID: MSD-C	Date Extracted: 4/4/07
Analyst: EAA/SRK	Analysis Date: 4/5/07 07:15:00 PM
GC Column: RTX-5SIL (0.25 mm)	Level (low/med): 1 ML
Level (low/med): LOW	Dilution Factor: 1
% Moisture:	Conc. Extract Volume: 5000 (ul)
PH:	Injection Volume: 1 (ul)
GPC Cleanup(Y/N): N	Extraction Type: 3580A
Method: SW846 8270BNA	

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
110-86-1	Pyridine	25000		U
106-46-7	1,4-Dichlorobenzene	1800		U
95-48-7	2-Methylphenol	2000		U
106-44-5	3&4-Methylphenol	1600		U
67-72-1	Hexachloroethane	1500		U
98-95-3	Nitrobenzene	1300		U
87-68-3	Hexachlorobutadiene	2100		U
88-06-2	2,4,6-Trichlorophenol	6300		U
95-95-4	2,4,5-Trichlorophenol	2300		U
121-14-2	2,4-Dinitrotoluene	2100		U
118-74-1	Hexachlorobenzene	2300		U
87-86-5	Pentachlorophenol	7000		U

Qualifier Definitions

U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-10
Lab Name:	EMSL Analytical Inc.	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0004	Sample Matrix:	Organic
Lab File ID:	C12574.D	Sampling Date:	3/29/07
Instrument ID:	MSD-C	Date Extracted:	4/4/07
Analyst:	EAA/SRK	Analysis Date	4/5/07 10:17:00 PM
GC Column:	RTX-5SIL (0.25 mm)		1 ML
Level (low/med):	LOW	Dilution Factor:	20
% Moisture:		Conc. Extract Volume:	5000 (ul)
PH:		Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Extraction Type:	3580A
Method:	SW846 8270BNA		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
110-86-1	Pyridine	500000		UD
106-46-7	1,4-Dichlorobenzene	35000		UD
95-48-7	2-Methylphenol	40000		UD
106-44-5	3&4-Methylphenol	31000		UD
67-72-1	Hexachloroethane	29000		UD
98-95-3	Nitrobenzene	26000		UD
87-68-3	Hexachlorobutadiene	41000		UD
88-06-2	2,4,6-Trichlorophenol	130000		UD
95-95-4	2,4,5-Trichlorophenol	46000		UD
121-14-2	2,4-Dinitrotoluene	41000		UD
118-74-1	Hexachlorobenzene	46000		UD
87-86-5	Pentachlorophenol	140000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-38
Lab Name:	EMSL Analytical Inc.	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0005	Sample Matrix:	Organic
Lab File ID:	C12575.D	Sampling Date:	3/29/07
Instrument ID:	MSD-C	Date Extracted:	4/4/07
Analyst:	EAA/SRK	Analysis Date	4/5/07 10:47:00 PM
GC Column:	RTX-5SIL (0.25 mm)	Dilution Factor:	1 ML
Level (low/med):	LOW	Conc. Extract Volume:	20
% Moisture:		Injection Volume:	5000 (ul)
PH:		Extraction Type:	1 (ul)
GPC Cleanup(Y/N):	N		3580A
Method:	SW846 8270BNA		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
110-86-1	Pyridine	500000		UD
106-46-7	1,4-Dichlorobenzene	35000		UD
95-48-7	2-Methylphenol	40000		UD
106-44-5	3&4-Methylphenol	31000		UD
67-72-1	Hexachloroethane	29000		UD
98-95-3	Nitrobenzene	26000		UD
87-68-3	Hexachlorobutadiene	41000		UD
88-06-2	2,4,6-Trichlorophenol	130000		UD
95-95-4	2,4,5-Trichlorophenol	46000		UD
121-14-2	2,4-Dinitrotoluene	41000		UD
118-74-1	Hexachlorobenzene	46000		UD
87-86-5	Pentachlorophenol	140000		UD

Qualifier Definitions

U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

Customer Sample#:		E-38	
Lab Name:	EMSL Analytical	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0005	Sample Matrix:	Organic
Lab File ID:	H1211.D	Sampling Date:	3/29/2007
Instrument ID:	HP-H	Date Extracted:	4/3/2007
Analyst:	EH	Analysis Date	4/7/2007 1:08:00 AM
GC Column:	CLPest I (0.32 mm)	GC Column 2:	1.01 G
GC Column 2:	CLPest I (0.32 mm)	% Moisture:	
PH:		Dilution Factor:	5
GPC Cleanup(Y/N):	N	Concentrated Extract Vol:	10 (ml)
Extraction Type:	3550B	Injection Volume:	1 (ul)
Method:	SW846 8081/8082	Sulfur Cleanup:	N

CAS NO	COMPOUND	Report Limit (ug/kg)	CONC. (ug/kg)	Q
12674-11-2	Aroclor 1016	5000		UD
11104-28-2	Aroclor 1221	5000		UD
11141-16-5	Aroclor 1232	5000		UD
53469-21-9	Aroclor 1242	5000		UD
12672-29-6	Aroclor 1248	5000		UD
11097-69-1	Aroclor 1254	5000		UD
11096-82-5	Aroclor 1260	5000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

HERBICIDE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-38
Lab Name:	EMSL Analytical	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0005	Sample Matrix:	Organic
Lab File ID:	D3718.D	Sampling Date:	3/29/2007
Instrument ID:	D	Date Extracted:	4/4/2007
Analyst:	EH	Analysis Date	4/7/2007 6:42:00 PM
GC Column:	CLPest I (0.32 mm)	Dilution Factor:	1.3 ML
GC Column 2:	CLPest II (0.32 mm)	Concentrated Extract Vol:	10
% Moisture:		Injection Volume:	10 (ml)
PH:		Sulfur Cleanup:	1 (ul)
GPC Cleanup(Y/N):	N		N
Extraction Type:	3580A		
Method:	SW846 8151		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
18625-12-2	2,4-D	1900		UD
4841-20-7	Silvex	960		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-38
Lab Name:	EMSL Analytical	Project:	Schmitt Marina
EMSL Sample ID:	010701441-0005	Sample Matrix:	Organic
Lab File ID:	G3874.D	Sampling Date:	3/29/2007
Instrument ID:	G	Date Extracted:	4/4/2007
Analyst:	EH	Analysis Date	4/8/2007 4:50:00 AM
GC Column:	CLPest I (0.32 mm)		1.3 ML
GC Column 2:	CLPest II (0.32 mm)		
% Moisture:		Dilution Factor:	5
PH:		Concentrated Extract Vol:	10 (ml)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Extraction Type:	3580A	Sulfur Cleanup:	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
58-89-9	gamma-BHC	190	2100	PD
76-44-8	Heptachlor	190	380	PD
1024-57-3	Heptachlor Epoxide	190		D
72-20-8	Endrin	190	370	D
72-43-5	Methoxychlor	380		UD
12674-11-2	Toxaphene	3800		UD
57-74-9	Tech Chlordane	1900		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

Project 010701441

Fingerprint by GC-FID (8015 Mod)

Five samples were submitted for analysis by GC-FID (010701441-0001 thru -0005). All samples were extracted and analyzed at a dilution of 1:500. Samples 0001, 0004 and 0005 had characteristic chromatograms in a retention time range associated with petroleum hydrocarbons. Samples 0002 and 0003 were re analyzed at a dilution of 1:10 and were found to have characteristic chromatograms in a retention time range associated with petroleum hydrocarbons.

Sample 0005 had a chromatogram eluting in the retention time range associated with unleaded gasoline and jet fuels.

All other samples had a chromatogram eluting in the retention time range of fuel oils such as #4, #5 and #6 Home Heating Fuel Oils or Diesel fuel.

Chromatogram for samples and reference materials included.

Chromatogram

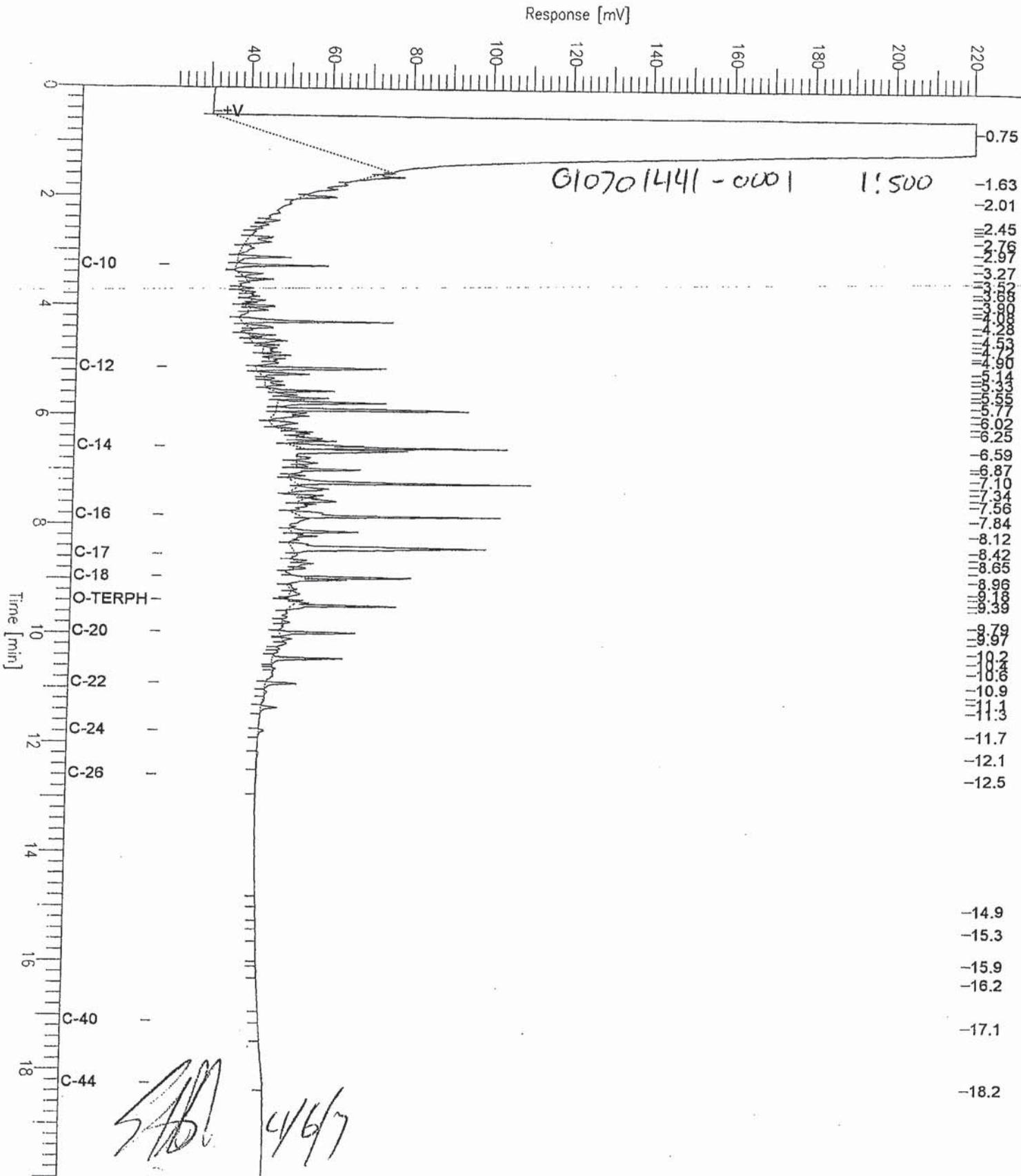
Sample Name : 701441-1
 FileName : C:\TC4\HP-FID-B\DATA\B280\B280009.raw
 Method : DROACQ
 Start Time : 0.00 min
 Scale Factor : -1.0

End Time : 20.00 min
 Plot Offset: 20 mV

Sample #: 9
 Date : 4/4/2007 11:37 PM
 Time of Injection: 4/4/2007 11:17 PM
 Low Point : 20.27 mV
 Plot Scale: 200.0 mV

Page 1 of 1

High Point : 220.27 mV



Chromatogram

Sample Name : 701441-2

FileName : C:\TC4\HP-FID-B\DATA\B280\B280019.raw

Method : DROACQ

Start Time : 0.00 min

Scale Factor: -1.0

End Time : 20.00 min

Plot Offset: 22 mV

Sample #: 19

Date : 4/6/2007 04:15 PM

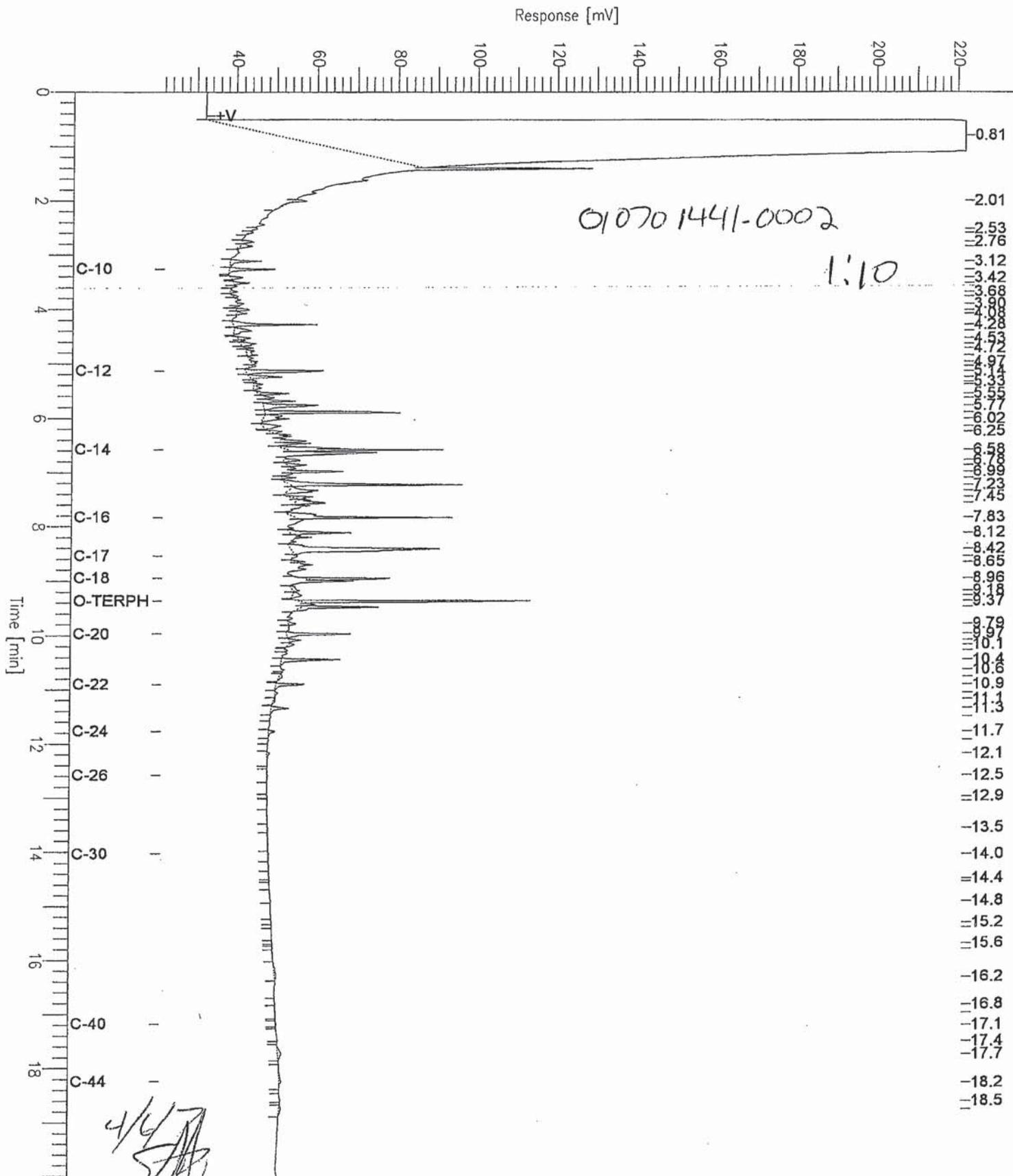
Time of Injection: 4/6/2007 03:55 PM

Low Point : 21.95 mV

Plot Scale: 200.0 mV

Page 1 of 1

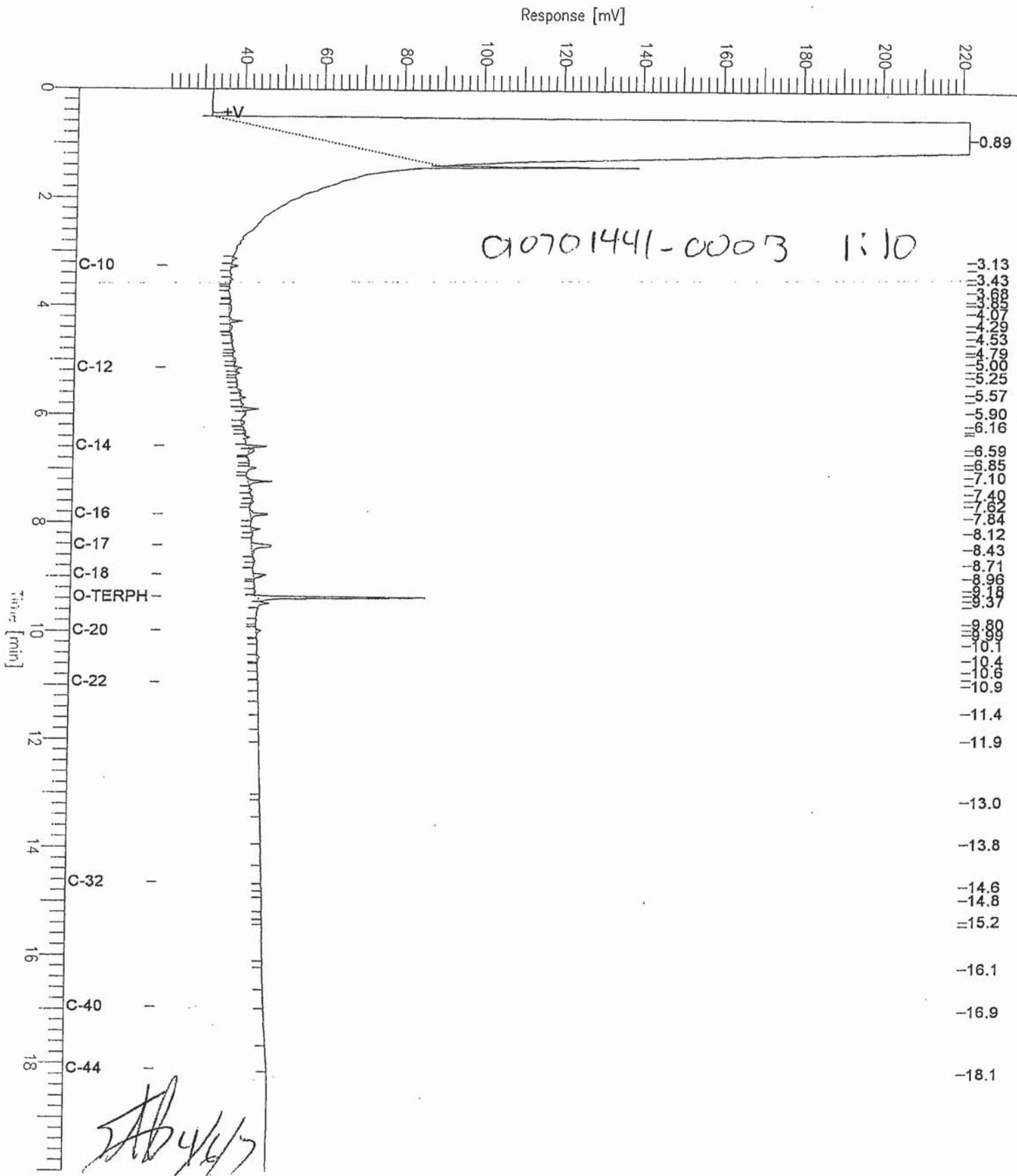
High Point : 221.95 mV



Chromatogram

Sample Name : 701441-3
 FileName : C:\TC4\HP-FID-B\DATA\B280\B280016.raw
 Method : DROACQ
 Start Time : 0.00 min
 Scale Factor : -1.0

Sample #: 16
 Date : 4/5/2007 03:32 AM
 Time of Injection: 4/5/2007 03:11 AM
 Low Point : 21.63 mV
 High Point : 221.63 mV
 Plot Offset: 22 mV
 Plot Scale: 200.0 mV



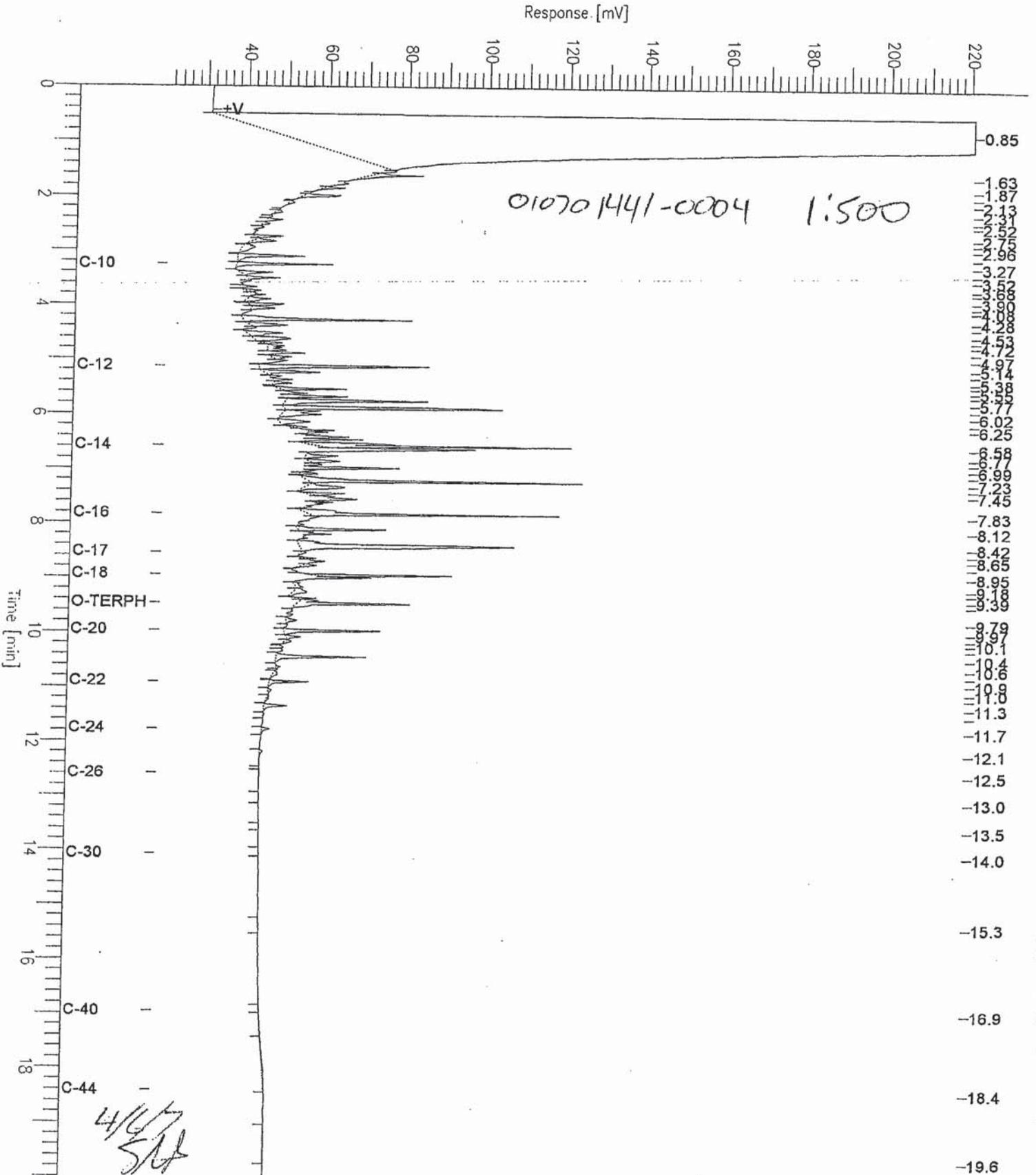
Chromatogram

Sample Name : 701441-4
FileName : C:\TC4\HP-FID-B\DATA\B280\B280012.raw
Method : DROACQ
Start Time : 0.00 min
Scale Factor: -1.0

End Time : 20.00 min
Plot Offset: 21 mV

Sample #: 12
Date : 4/5/2007 01:18 AM
Time of Injection: 4/5/2007 12:58 AM
Low Point : 20.78 mV
Plot Scale: 200.0 mV

Page 1 of 1



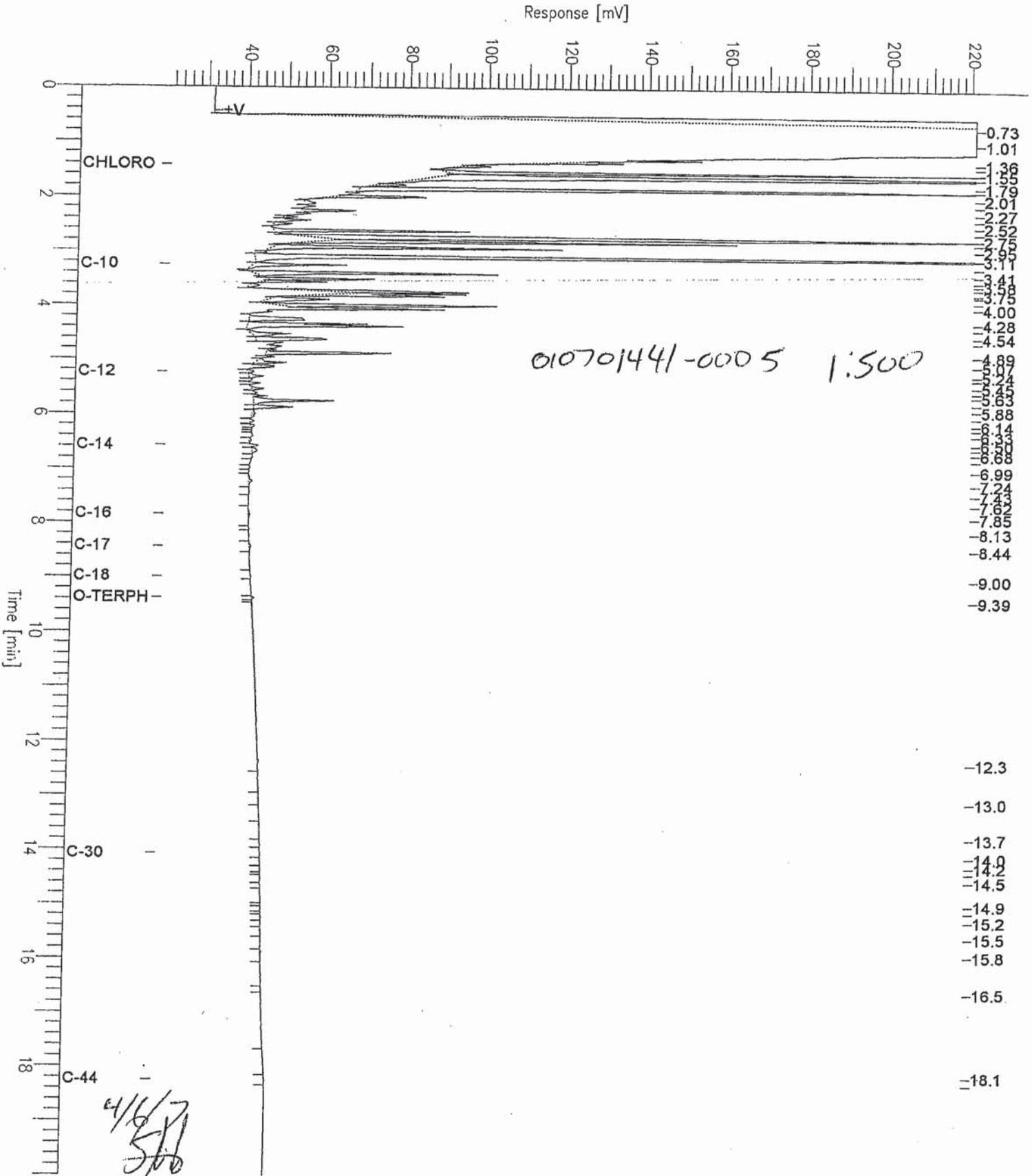
Chromatogram

Sample Name : 701441-5
FileName : C:\TC4\HP-FID-B\DATA\B280\B280013.raw
Method : DROACQ
Start Time : 0.00 min
Scale Factor: -1.0

End Time : 20.00 min
Plot Offset: 21 mV

Sample #: 13
Date : 4/5/2007 01:51 AM
Time of Injection: 4/5/2007 01:31 AM
Low Point : 21.08 mV
Plot Scale: 200.0 mV

Page 1 of 1

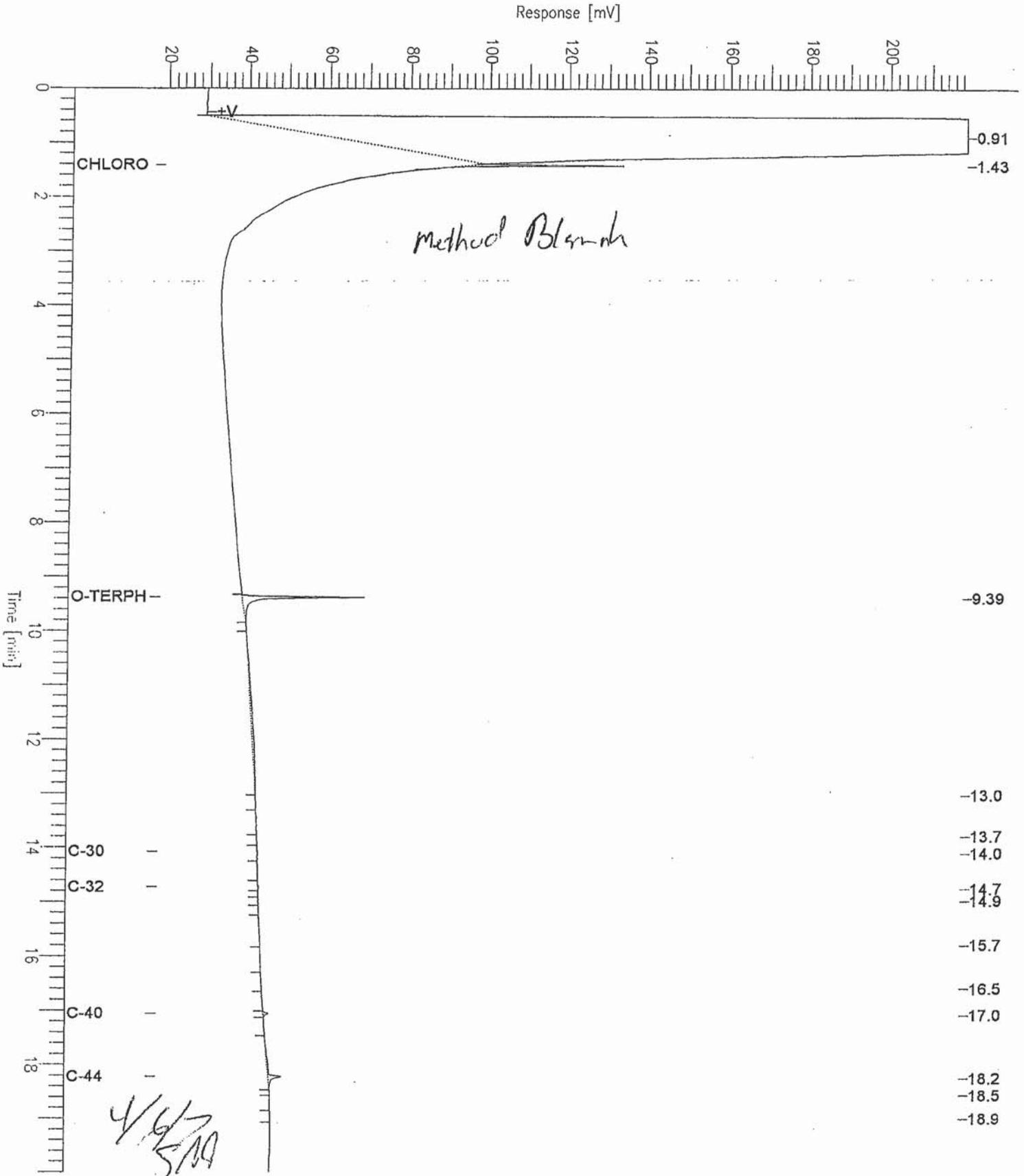


Chromatogram

Sample Name : MB 1 2504
FileName : C:\TC4\HP-B\FID-B\DATA\B280\B280003.raw
Method : DROACQ
Start Time : 0.00 min
Scale Factor: -1.0

Sample #: 3
Date : 4/4/2007 08:17 PM
Time of Injection: 4/4/2007 07:57 PM
Low Point : 19.07 mV
High Point : 219.07 mV
Plot Scale: 200.0 mV

Page 1 of 1

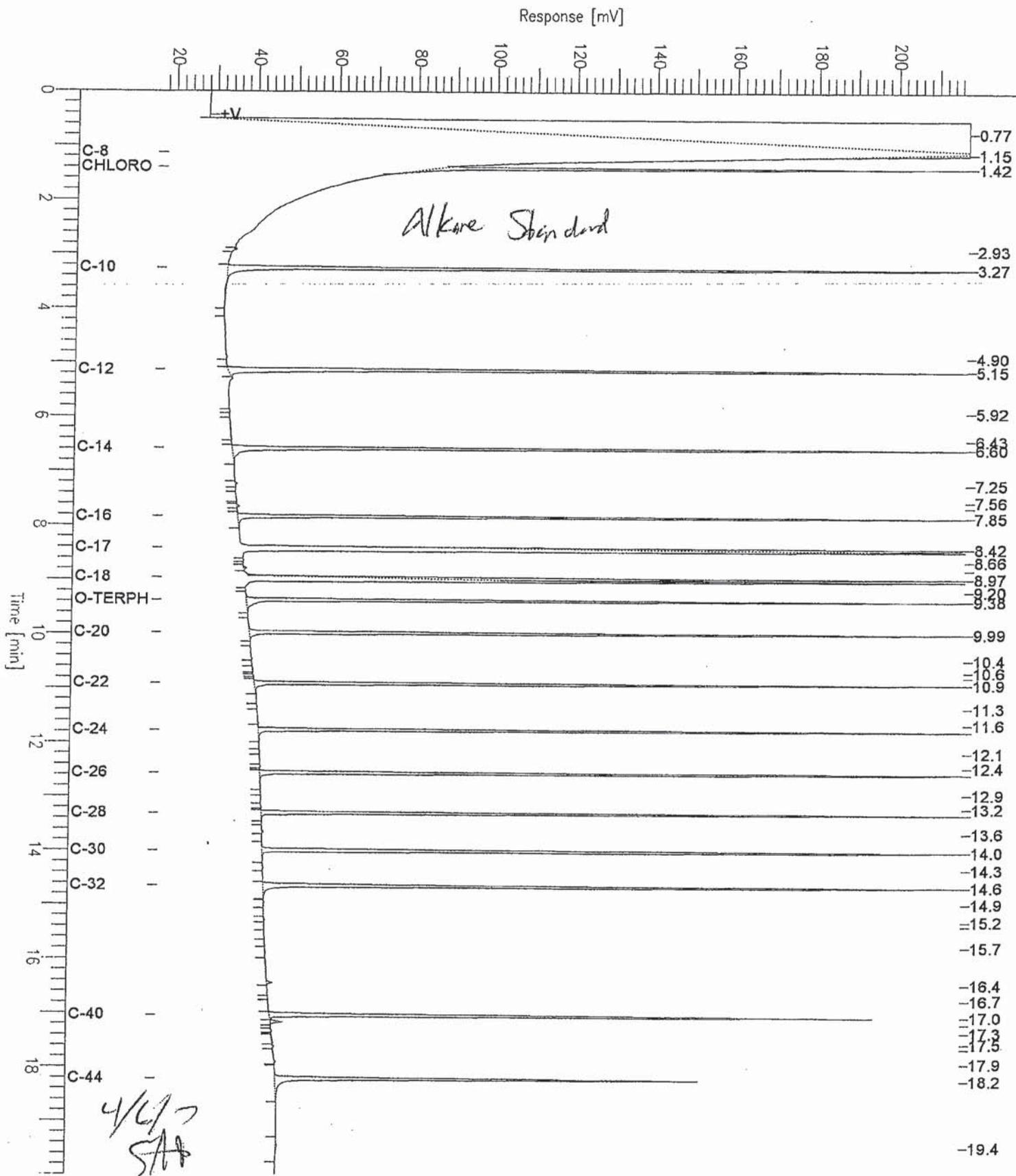


Chromatogram

Sample Name : TPH Std 900ppm
FileName : C:\TC4\HP-FID-B\DATA\B280\B280002.raw
Method : DROACQ
Start Time : 0.00 min
Scale Factor: -1.0

Sample #: 2
Date : 4/4/2007 07:43 PM
Time of Injection: 4/4/2007 07:23 PM
Low Point : 17.75 mV
High Point : 217.75 mV
Plot Scale: 200.0 mV

Page 1 of 1

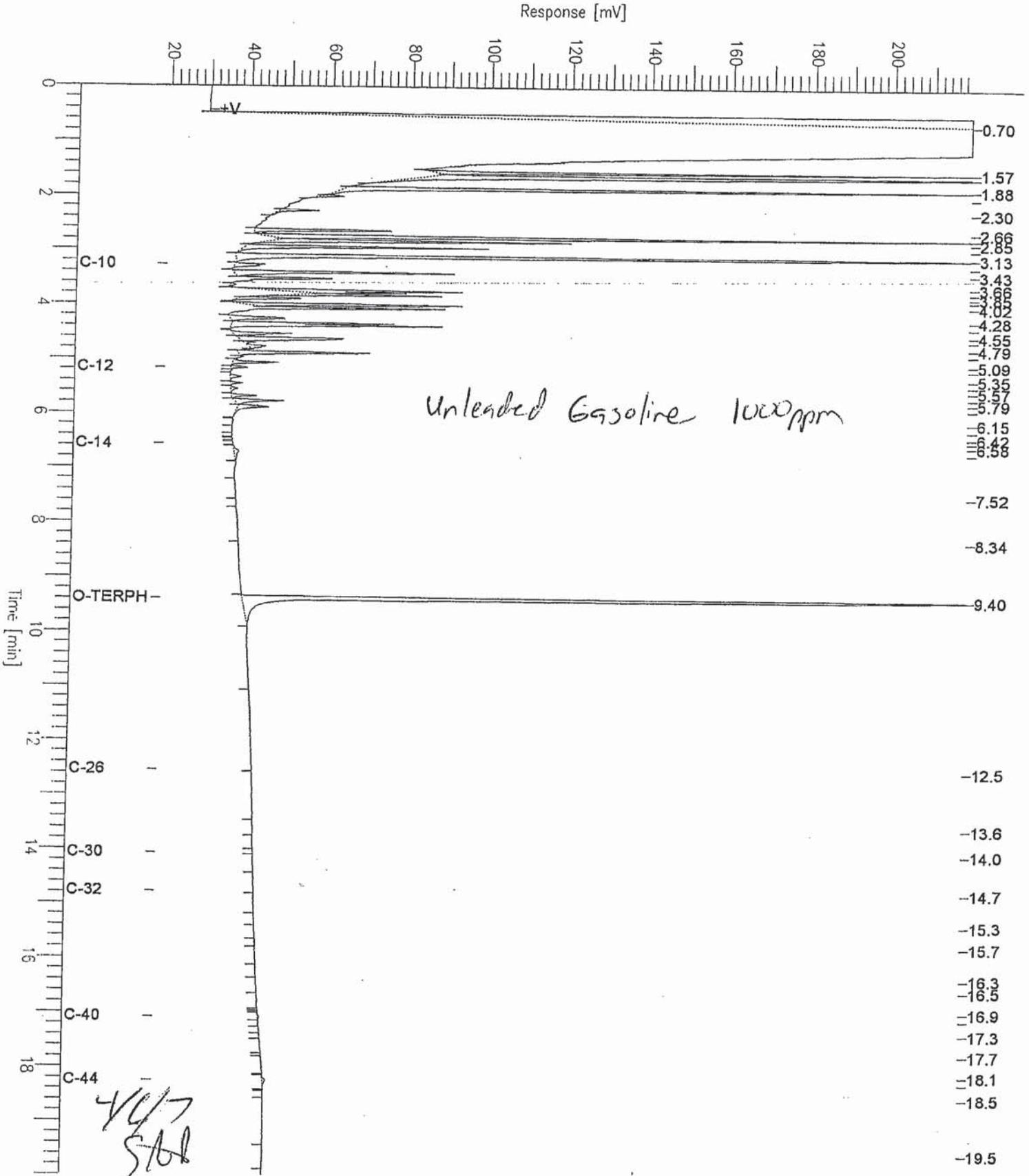


Chromatogram

Sample Name : Unleaded Gasoline
 FileName : C:\TC4\HP-FID-B\DATA\B280\B280004.raw
 Method : DROCACQ
 Start Time : 0.00 min
 Scale Factor: -1.0

Sample #: 4
 Date : 4/4/2007 08:48 PM
 Time of Injection: 4/4/2007 08:28 PM
 Low Point : 19.47 mV
 Plot Scale: 200.0 mV

Page 1 of 1

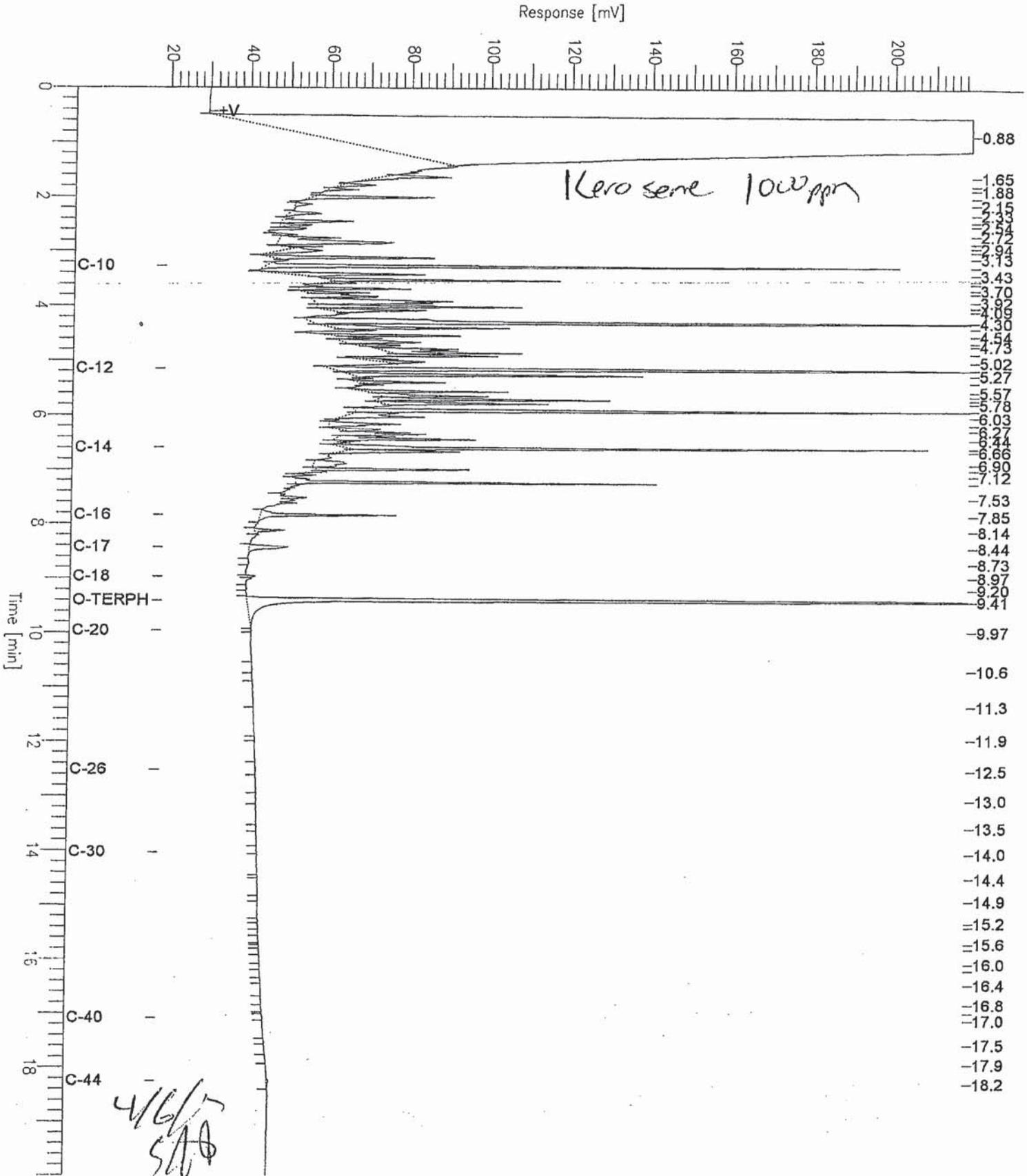


Chromatogram

Sample Name : Kerosene
FileName : C:\TC4\HP-FID-B\DATA\B280\B280005.raw
Method : DROACQ
Start Time : 0.00 min
Scale Factor: -1.0

Sample #: 5
Date : 4/4/2007 09:22 PM
Time of Injection: 4/4/2007 09:02 PM
Low Point : 19.30 mV
Plot Scale: 200.0 mV

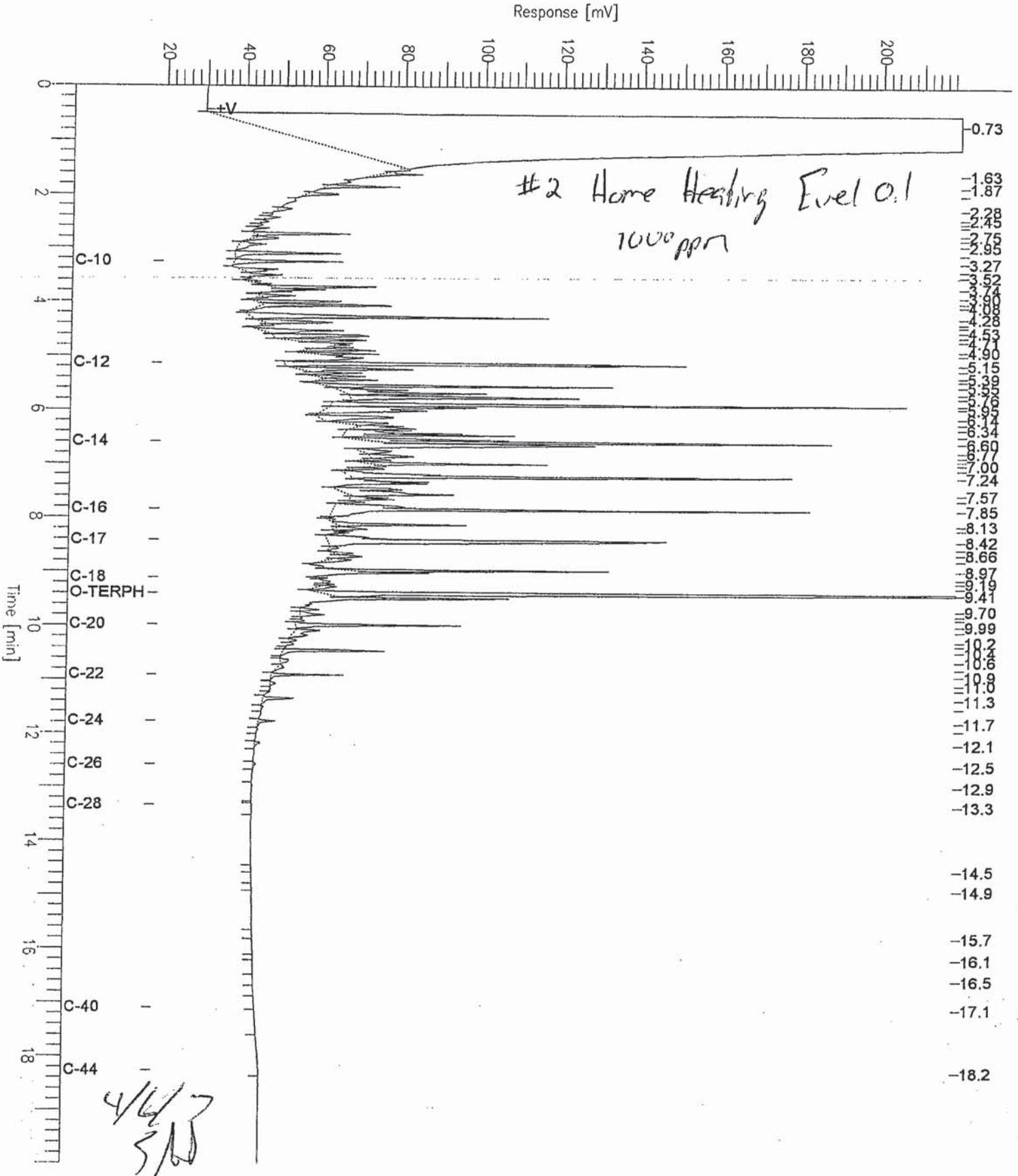
Page 1 of 1



Chromatogram

Sample Name : #2 Home Heating Fuel
 FileName : C:\TC4\HP-FID-B\DATA\B280\B280006.raw
 Method : DROACQ
 Start Time : 0.00 min End Time : 20.00 min
 Scale Factor: -1.0 Plot Offset: 19 mV

Sample #: 6 Page 1 of 1
 Date : 4/4/2007 09:56 PM
 Time of Injection: 4/4/2007 09:36 PM
 Low Point : 19.48 mV High Point : 219.48 mV
 Plot Scale: 200.0 mV

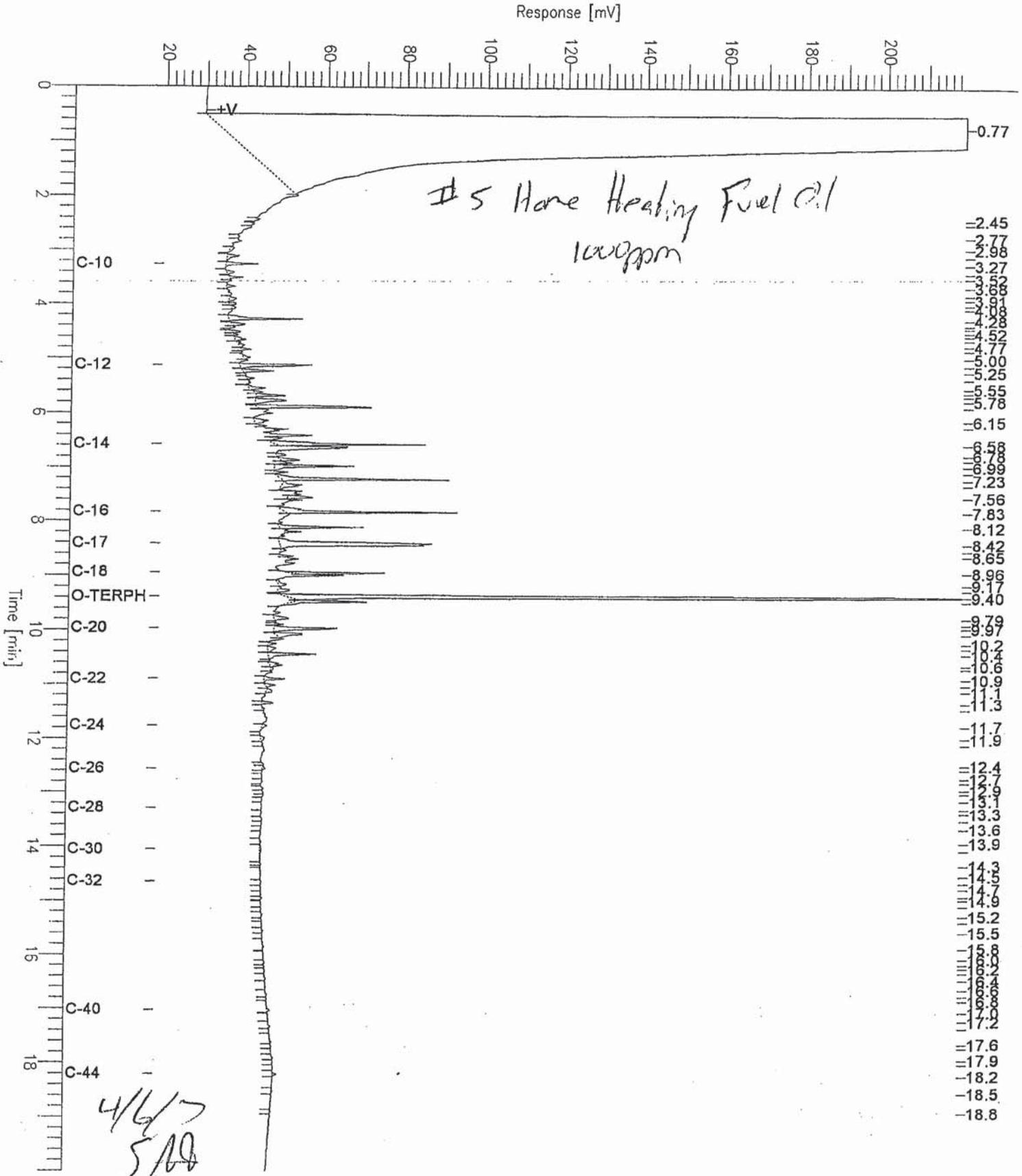


Chromatogram

Sample Name : #5 Home Heating Fuel
 FileName : C:\TC4\HP-FID-B\DATA\B280\B280007.raw
 Method : DROACQ
 Start Time : 0.00 min
 Scale Factor: -1.0

Sample #: 7
 Date : 4/4/2007 10:29 PM
 Time of Injection: 4/4/2007 10:09 PM
 Low Point : 19.50 mV
 High Point : 219.50 mV
 Plot Scale: 200.0 mV

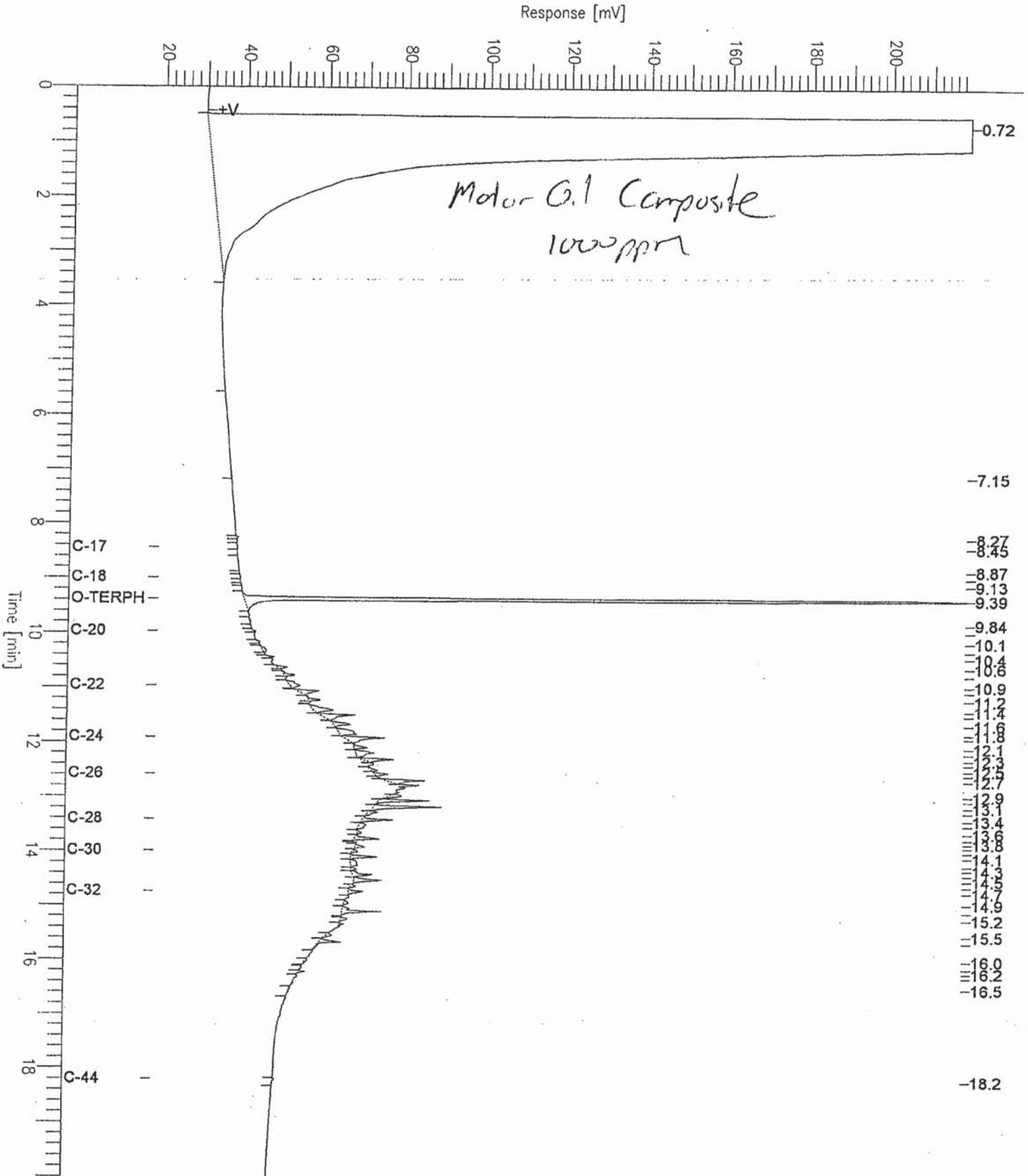
Page 1 of 1



Chromatogram

Sample Name : Motor Oil Composite
 FileName : C:\TC4\HP-FID-B\DATA\B280\B280008.raw
 Method : DROACQ
 Start Time : 0.00 min End Time : 20.00 min
 Scale Factor: -1.0 Plot Offset: 20 mV

Sample #: 8 Page 1 of 1
 Date : 4/4/2007 11:03 PM
 Time of Injection: 4/4/2007 10:43 PM
 Low Point : 19.63 mV High Point : 219.63 mV
 Plot Scale: 200.0 mV



Sample Summary

EMSL Analytical Inc.

Job No: J57666

EMSL-Westmont
Project No: 010701441

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
J57666-1	03/29/07	00:00	04/04/07	SO	Oil	1441-1-D-1
J57666-2	03/29/07	00:00	04/04/07	SO	Oil	1441-2-B-19
J57666-3	03/29/07	00:00	04/04/07	SO	Oil	1441-3-B-21
J57666-4	03/29/07	00:00	04/04/07	SO	Oil	1441-4-E-10
J57666-5	03/29/07	00:00	04/04/07	SO	Oil	1441-5-E-38

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID:	1441-1 D-1	Date Sampled:	03/29/07
Lab Sample ID:	J57666-1	Date Received:	04/04/07
Matrix:	SO - Oil	Percent Solids:	n/a
Project:	EMSL-Westmont		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Total Organic Halides	<50	50	mg/kg	1	04/06/07	JOO	SW846 9023

RL = Reporting Limit

Report of Analysis

Client Sample ID: 1441-2 B-19	Date Sampled: 03/29/07
Lab Sample ID: J57666-2	Date Received: 04/04/07
Matrix: SO - Oil	Percent Solids: n/a
Project: EMSL-Westmont	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Total Organic Halides	< 50	50	mg/kg	1	04/06/07	JOO	SW846 9023

RL = Reporting Limit

Report of Analysis

Client Sample ID: 1441-3 B-21	Date Sampled: 03/29/07
Lab Sample ID: J57666-3	Date Received: 04/04/07
Matrix: SO - Oil	Percent Solids: n/a
Project: EMSL-Westmont	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Total Organic Halides	< 50	50	mg/kg	1	04/06/07	JOO	SW846 9023

RL = Reporting Limit

Report of Analysis

Client Sample ID: 1441-4 E-10	Date Sampled: 03/29/07
Lab Sample ID: J57666-4	Date Received: 04/04/07
Matrix: SO - Oil	Percent Solids: n/a
Project: EMSL-Westmont	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Total Organic Halides	<50	50	mg/kg	1	04/06/07	JOO	SW846 9023

RL = Reporting Limit

Report of Analysis

Client Sample ID:	1441-5 E-38	Date Sampled:	03/29/07
Lab Sample ID:	J57666-5	Date Received:	04/04/07
Matrix:	SO - Oil	Percent Solids:	n/a
Project:	EMSL-Westmont		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Total Organic Halides	124	50	mg/kg	1	04/06/07	JOO	SW846 9023

RL = Reporting Limit

Lit oil

EMSL Analytical, Inc. Environmental Chemistry Lab Service 3 Cooper St., Westmont, NJ 08108 TEL: (856) 858-4800 FAX: (856) 858-4571		Chain of Custody / Analysis Request Form Print ALL Information. Incomplete chain of custody could result in the delay of analysis.		EMSL Project # <u>010701441</u> Account Rep: _____ Indicate State where samples were collected: <u>J57666</u>																		
REPORT RESULTS TO: Name: <u>Debbie Kreider</u> Company: <u>EMSL Analytical</u> Address: _____ City: _____ State: _____ Zip: _____ Tel: _____ Fax: _____ E-mail: _____		SEND INVOICE TO: Name: _____ PO#: _____ Company: <u>- SAME -</u> Address: _____ City: _____ State: _____ Zip: _____ Tel: _____ Fax: _____		TURNAROUND TIME Standard Turnaround Time is 10 working days <input type="checkbox"/> The following turnaround times require lab approval: <input checked="" type="checkbox"/> 5 day <input type="checkbox"/> 96 Hrs <input type="checkbox"/> 72 Hrs <input type="checkbox"/> 48 Hrs <input type="checkbox"/> 24 Hrs Approved by _____																		
# of Samples in Shipment: <u>5</u>		PROJECT NAME: _____ Date of Sample Shipment: <u>4/3/07</u>																				
Sampled by: (Signature) _____		Matrix: WATER SOIL AIR SLUDGE OTHER		Preservative: HCl HNO3 H2SO4 OTHER																		
Sampling: DATE TIME		List Method and Test Needed																				
Lab Sample Number	Client Sample ID	Comp	Grab	WATER	SOIL	AIR	SLUDGE	OTHER	HCl	HNO3	H2SO4	OTHER	DATE	TIME	Total organic solvents	Total inorganics	Total metals	Total PCBs	Total PAHs	Total PCBs	Total PAHs	
1.	1441-1	D-1	-1					X					3/29/07		X							
2.	1441-2	B-19	-2					X														
3.	1441-3	B-21	-3					X														
4.	1441-4	E-10	-4					X														
5.	1441-5	E-38	-5					X														
6.																						
7.																						
8.																						
9.																						
10.																						
Released By Signature: _____		Date & Time Released: <u>4/3/07</u>		Delivery Method: <u>Fed-EX</u>		Received By Signature: <u>FEA</u>		Agency: _____		Date & Time Received: <u>4-4-07 1000</u>		Condition Noted: _____										
Please indicate reporting requirements: <input checked="" type="checkbox"/> 1. Results Only <input type="checkbox"/> 2. Results and QC <input type="checkbox"/> 3. Reduced Deliverables <input type="checkbox"/> 4. Disk Deliverable <input type="checkbox"/> 5. Other																						
Comments: _____																						

H

EMSL Analytical

<http://www.emsl.com>

3 Cooper St.
Westmont, NJ 08108
Phone: (856) 858-4800
Fax: (856) 858-4571

Attn: **Bob Kreuzer**
Liro Group
690 Delaware Avenue
Buffalo, NY 14209

Phone (718) 321-3136
Fax: (718) 321-3422

4/12/2007

The following report covers the analysis performed on samples submitted to EMSL Analytical on 4/5/2007. The results are tabulated on the attached data pages for the following client designated project:

The reference number for these samples is EMSL Order #010701539. Please use this reference when calling about these samples.

If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:

Laboratory Director or other
approved signatory
NJ-NELAP Accredited:04653

A handwritten signature in black ink, appearing to be "MKC", written over the printed name of the Laboratory Director.

The test results contained within this report meet the requirements of NELAC and/or the specific certification program that is applicable, unless otherwise noted.



EMSL Analytical

3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



SM

Attn: **Bob Kreuzer**
Liro Group
690 Delaware Avenue
Buffalo, NY 14209

Fax: (718) 321-3422

Phone: (718) 321-3136

Customer ID: LIRO50
Customer PO:
Received: 04/05/07 4:50 PM
EMSL Order: 010701539

EMSL Proj:

Report Date: 4/12/2007

<i>Client Sample Description</i>		<i>E-7</i>	<i>Collected:</i>	<i>4/3/2007</i>	<i>Lab ID:</i>	<i>0001</i>		
<i>Test</i>	<i>Method</i>	<i>Parameter</i>	<i>Concentration</i>	<i>Units</i>	<i>RL</i>	<i>Analysis Date/Time</i>	<i>Analyst</i>	
Density, Bulk	2710 F	Bulk Density	0.96	g/mL	0.5	4/9/2007 12:00 PM	dhemsley	
TCLP Metals-Arsenic, TCLP	6010B	Arsenic	0.54	mg/L	0.080	4/12/2007 09:10 AM	RFerrer	
TCLP Metals-Barium, TCLP	6010B	Barium	130	mg/L	1.0	4/12/2007 09:10 AM	RFerrer	
TCLP Metals-Cadmium, TCLP	6010B	Cadmium	0.95	mg/L	0.040	4/12/2007 09:10 AM	RFerrer	
TCLP Metals-Chromium, TCLP	6010B	Chromium	1.1	mg/L	0.10	4/12/2007 09:10 AM	RFerrer	
TCLP Metals-Lead, TCLP	6010B	Lead	61	mg/L	0.10	4/12/2007 09:10 AM	RFerrer	
TCLP Metals-Selenium, TCLP	6010B	Selenium	<0.20	mg/L	0.20	4/12/2007 09:10 AM	RFerrer	
TCLP Metals-Silver, TCLP	6010B	Silver	<0.10	mg/L	0.10	4/12/2007 09:10 AM	RFerrer	
TCLP Metals-Mercury, TCLP	7471A	Mercury	<0.0020	mg/L	0.0020	4/6/2007 05:28 PM	ksparks	
TCLP-Pesticides	8081	See Attached			n/a	4/10/2007 06:15 PM	tlindsay	
TCLP-Herbicides	8151A	See Attached			n/a	4/11/2007 02:14 PM	tlindsay	
TCLP-VOA	8260B	See Attached			n/a	4/10/2007 12:25 AM	skessler	
VOA	8260B	See Attached			n/a	4/10/2007 12:25 AM	skessler	
SVOA	8270C	See Attached			n/a	4/11/2007 09:51 PM	eayres	
TCLP-SVOA	8270C	See Attached			n/a	4/11/2007 09:51 PM	eayres	

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-7
Lab Name:	EMSL ANALYTICAL	Project:	
EMSL Sample ID:	010701539-0001	Sample Matrix:	Organic
Lab File ID:	T9729.D	Sampling Date:	04/03/2007
Instrument ID:	GC/MS VOA#5	Analysis Date	04/10/2007 00:25:00
Analyst:	AF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.010 ML	Method:	SW846 8260B
Dilution Factor:	50		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-71-8	Dichlorodifluoromethane	25000		UD
74-87-3	Chloromethane	25000		UD
75-01-4	Vinyl chloride	25000		UD
74-83-9	Bromomethane	130000		UD
75-00-3	Chloroethane	25000		UD
75-69-4	Trichlorofluoromethane	25000		UD
107-02-8	Acrolein	630000		UD
76-13-1	Freon 113(1,1,2-Trichlorotrifluoroethan	25000		UD
75-35-4	1,1-Dichloroethene	25000		UD
67-64-1	Acetone	250000	81000	JD
75-15-0	Carbon disulfide	25000		UD
75-09-2	Methylene chloride	25000		UD
75-65-0	tert-Butyl Alcohol	250000		UD
156-60-5	trans-1,2-Dichloroethene	25000		UD
1634-04-4	Methyl-tert butyl ether	25000	2200000	D
107-13-1	Acrylonitrile	25000		UD
75-34-3	1,1-Dichloroethane	25000		UD
108-05-4	Vinyl acetate	250000		UD
594-20-7	2,2-Dichloropropane	25000		UD
156-59-2	cis-1,2-Dichloroethene	25000		UD
78-93-3	2-Butanone	50000		UD
74-97-1	Bromochloromethane	25000		UD
67-66-3	Chloroform	25000		UD
71-55-6	1,1,1-Trichloroethane	25000		UD
56-23-1	Carbon tetrachloride	25000		UD
563-58-6	1,1-Dichloropropene	25000		UD
71-43-2	Benzene	13000	290000	D
107-06-2	1,2-Dichloroethane	25000		UD
79-01-6	Trichloroethene	25000		UD
74-95-3	Dibromomethane	25000		UD
75-27-4	Bromodichloromethane	25000		UD
10061-01-5	cis-1,3-Dichloropropene	25000		UD
108-10-1	4-Methyl-2-pentanone	250000		UD
108-88-3	Toluene	25000	3900000	D

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-7
Lab Name:	EMSL ANALYTICAL	Project:	
EMSL Sample ID:	010701539-0001	Sample Matrix:	Organic
Lab File ID:	T9729.D	Sampling Date:	04/03/2007
Instrument ID:	GC/MS VOA#5	Analysis Date:	04/10/2007 00:25:00
Analyst:	AF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.010 ML	Method:	SW846 8260B
Dilution Factor:	50		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
10061-02-6	trans-1,3-Dichloropropene	25000		UD
79-00-1	1,1,2-Trichloroethane	25000		UD
127-18-4	Tetrachloroethene	25000		UD
142-28-9	1,3-Dichloropropane	25000		UD
591-78-6	2-Hexanone	250000		UD
124-48-1	Dibromochloromethane	25000		UD
106-93-4	1,2-Dibromoethane	25000		UD
108-90-7	Chlorobenzene	25000		UD
630-20-6	1,1,1,2-Tetrachloroethane	25000		UD
100-41-4	Ethylbenzene	25000	1600000	D
108-38-3	Xylene (para & meta)	25000	4700000	D
95-47-6	Xylene (Ortho)	25000	2400000	D
100-42-1	Styrene	25000		UD
75-25-2	Bromoform	25000		UD
98-82-8	Isopropylbenzene	25000	420000	D
108-86-1	Bromobenzene	25000		UD
79-34-1	1,1,2,2-Tetrachloroethane	25000		UD
96-18-4	1,2,3-Trichloropropane	25000		UD
103-65-1	n-Propylbenzene	25000	890000	D
110-57-6	trans-1,4-Dichloro-2-butene	50000		UD
95-49-8	2-Chlorotoluene	25000		UD
106-43-4	4-Chlorotoluene	25000		UD
108-67-8	1,3,5-Trimethylbenzene	25000	4700000	D
98-06-6	tert-Butylbenzene	25000		UD
95-63-6	1,2,4-Trimethylbenzene	25000	5200000	D
135-98-8	sec-Butylbenzene	25000	580000	D
541-73-1	1,3-Dichlorobenzene	25000		UD
99-87-6	4-Isopropyltoluene	25000	360000	D
106-46-7	1,4-Dichlorobenzene	25000		UD
95-50-1	1,2-Dichlorobenzene	25000		UD
104-51-8	n-Butylbenzene	25000	1000000	D
67-72-1	Hexachloroethane	25000		UD
96-12-8	1,2-Dibromo-3-chloropropane	25000		UD
120-82-1	1,2,4-Trichlorobenzene	25000		UD

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-7
Lab Name:	EMSL ANALYTICAL	Project:	
EMSL Sample ID:	010701539-0001	Sample Matrix:	Organic
Lab File ID:	T9729.D	Sampling Date:	04/03/2007
Instrument ID:	GC/MS VOA#5	Analysis Date:	04/10/2007 00:25:00
Analyst:	AF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.010 ML	Method:	SW846 8260B
Dilution Factor:	50		
Heated Purge (Y/N):	N		

GAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
87-68-3	Hexachlorobutadiene	25000		UD
91-20-3	Naphthalene	25000	2400000	D
87-61-6	1,2,3-Trichlorobenzene	25000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-7
Lab Name:	EMSL Analytical Inc.	Project:	
EMSL Sample ID:	010701539-0001	Sample Matrix:	Organic
Lab File ID:	C12583.D	Sampling Date:	04/03/2007
Instrument ID:	MSD-C	Date Extracted:	04/10/2007
Analyst:	EAA/SRK	Analysis Date	04/11/2007 21:51:00
GC Column:	RTX5-SIL (0.25 mm)	Sample wt/vol:	1 G
Level (low/med):	LOW	Dilution Factor:	50
% Moisture:		Conc. Extract Volume:	5000 (uL)
PH:		Injection Volume:	1 (ul)
GPC Cleanup(Y/N):	N	Extraction Type:	
Method:	SW846 8270BNA		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
62-75-9	N-nitrosodimethylamine	100000		UD
108-95-2	Phenol	310000		UD
100-51-6	Benzyl alcohol	1300000		UD
111-44-4	bis(2-Chloroethyl)ether	180000		UD
95-57-8	2-Chlorophenol	180000		UD
541-73-1	1,3-Dichlorobenzene	60000		UD
106-46-7	1,4-Dichlorobenzene	70000		UD
95-50-1	1,2-Dichlorobenzene	78000		UD
95-48-7	2-Methylphenol	100000		UD
108-60-1	bis(2-chloroisopropyl)ether	75000		UD
106-44-5	3+4-Methylphenol	78000		UD
621-64-7	N-Nitroso-Di-n-propylamine	98000		UD
67-72-1	Hexachloroethane	73000		UD
65-85-0	Benzoic Acid	1300000		UD
98-95-3	Nitrobenzene	65000		UD
78-59-1	Isophorone	95000		UD
88-75-5	2-Nitrophenol	300000		UD
105-67-9	2,4-Dimethylphenol	240000		UD
111-91-1	bis(2-Chloroethoxy)methane	100000		UD
120-83-2	2,4-Dichlorophenol	310000		UD
120-82-1	1,2,4-Trichlorobenzene	100000		UD
91-20-3	Naphthalene	58000	3100000	D
106-47-8	4-Chloroaniline	140000		UD
87-68-3	Hexachlorobutadiene	100000		UD
59-50-7	4-Chloro-3-methylphenol	320000		UD
91-58-7	2-Chloronaphthalene	110000		UD
91-57-6	2-Methylnaphthalene	120000	8300000	D
77-47-4	Hexachlorocyclopentadiene	83000		UD
88-06-2	2,4,6-Trichlorophenol	310000		UD
95-95-4	2,4,5-Trichlorophenol	120000		UD
88-74-4	2-Nitroaniline	98000		UD
131-11-3	Dimethylphthalate	110000		UD

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-7
Lab Name:	EMSL Analytical Inc.		
EMSL Sample ID:	010701539-0001	Project:	
Lab File ID:	C12583.D	Sample Matrix:	Organic
Instrument ID:	MSD-C	Sampling Date:	04/03/2007
Analyst:	EAA/SRK	Date Extracted:	04/10/2007
GC Column:	RTX5-SIL (0.25 mm)	Analysis Date	04/11/2007 21:51:00
Level (low/med):	LOW	Sample wt/vol:	1 G
% Moisture:		Dilution Factor:	50
PH:		Conc. Extract Volume:	5000 (uL)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Method:	SW846 8270BNA	Extraction Type:	

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
208-96-8	Acenaphthylene	63000		UD
606-20-2	2,6-Dinitrotoluene	80000		UD
99-09-2	3-Nitroaniline	150000		UD
83-32-9	Acenaphthene	65000		UD
51-28-5	2,4-Dinitrophenol	260000		UD
100-02-7	4-Nitrophenol	530000		UD
132-64-9	Dibenzofuran	150000		UD
121-14-2	2,4-Dinitrotoluene	100000		UD
84-66-2	Diethylphthalate	120000		UD
86-73-7	Fluorene	65000		UD
7005-72-3	4-Chlorophenyl-phenylether	120000		UD
100-01-6	4-Nitroaniline	120000		UD
534-52-1	4,6-Dinitro-2-methylphenol	260000		UD
86-30-6	n-Nitrosodiphenylamine	68000		UD
122-66-7	1,2-Diphenylhydrazine (as azobenzene)	520000		UD
101-55-3	4-Bromophenyl-phenylether	110000		UD
118-74-1	Hexachlorobenzene	120000		UD
87-86-5	Pentachlorophenol	350000		UD
85-01-08	Phenanthrene	100000	840000	D
120-12-7	Anthracene	48000	870000	D
86-74-8	Carbazole	120000		UD
84-74-2	Di-n-butylphthalate	130000		UD
206-44-0	Fluoranthene	75000		UD
92-87-5	Benzidine	2700000		UD
129-00-0	Pyrene	73000	80000	D
85-68-7	Butylbenzylphthalate	620000		UD
56-55-3	Benzo[a]anthracene	78000		UD
91-94-1	3,3'-Dichlorobenzidine	320000		UD
218-01-9	Chrysene	78000		UD
117-81-7	bis(2-Ethylhexyl)phthalate	150000		UD
117-84-0	Di-n-octylphthalate	98000		UD
205-99-2	Benzo[b]fluoranthene	60000		UD

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-7		
Lab Name:	EMSL Analytical Inc.	Project:			
EMSL Sample ID:	010701539-0001	Sample Matrix:	Organic		
Lab File ID:	C12583.D	Sampling Date:	04/03/2007		
Instrument ID:	MSD-C	Date Extracted:	04/10/2007		
Analyst:	EAA/SRK	Analysis Date	04/11/2007 21:51:00		
GC Column:	RTX5-SIL (0.25 mm)	Sample wt/vol:	1 G		
Level (low/med):	LOW	Dilution Factor:	50		
% Moisture:		Conc. Extract Volume:	5000 (uL)		
PH:		Injection Volume:	1 (ul)		
GPC Cleanup(Y/N):	N	Extraction Type:			
Method:	SW846 8270BNA				

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
207-08-9	Benzo[k]fluoranthene	85000		UD
50-32-8	Benzo[a]pyrene	50000		UD
193-39-5	Indeno[1,2,3-cd]pyrene	88000		UD
53-70-3	Dibenz[a,h]anthracene	78000		UD
191-24-2	Benzo[g,h,i]perylene	83000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-7
Lab Name:	EMSL ANALYTICAL	Project:	
EMSL Sample ID:	010701539-0001	Sample Matrix:	Organic
Lab File ID:	T9729.D	Sampling Date:	04/03/2007
Instrument ID:	GC/MS VOA#5	Analysis Date:	04/10/2007 00:25:00
Analyst:	AF	Level (low/med):	LOW
GC Column:	RTX-502.2 (0.25 mm)	Nominal Amount:	5 ML
Sample wt/vol:	0.010 ML	Method:	SW846 8260B
Dilution Factor:	50		
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-01-4	Vinyl chloride	50000		UD
75-35-4	1,1-Dichloroethene	25000		UD
78-93-3	2-Butanone	50000		UD
67-66-3	Chloroform	25000		UD
56-23-1	Carbon tetrachloride	25000		UD
71-43-2	Benzene	25000	290000	D
107-06-2	1,2-Dichloroethane	25000		UD
79-01-6	Trichloroethene	25000		UD
127-18-4	Tetrachloroethene	25000		UD
108-90-7	Chlorobenzene	25000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-7		
Lab Name:	EMSL Analytical Inc.				
EMSL Sample ID:	010701539-0001	Project:			
Lab File ID:	C12583.D	Sample Matrix:	Organic		
Instrument ID:	MSD-C	Sampling Date:	04/03/2007		
Analyst:	EAA/SRK	Date Extracted:	04/10/2007		
GC Column:	RTX5-SIL (0.25 mm)	Analysis Date	04/11/2007 21:51:00		
Level (low/med):	LOW	Sample wt/vol:	1.04 ML		
% Moisture:		Dilution Factor:	50		
PH:		Conc. Extract Volume:	5000 (uL)		
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)		
Method:	SW846 8270BNA	Extraction Type:			

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
110-86-1	Pyridine	1200000		UD
106-46-7	1,4-Dichlorobenzene	84000		UD
95-48-7	2-Methylphenol	96000		UD
106-44-5	3&4-Methylphenol	75000		UD
67-72-1	Hexachloroethane	70000		UD
98-95-3	Nitrobenzene	63000		UD
87-68-3	Hexachlorobutadiene	99000		UD
88-06-2	2,4,6-Trichlorophenol	300000		UD
95-95-4	2,4,5-Trichlorophenol	110000		UD
121-14-2	2,4-Dinitrotoluene	99000		UD
118-74-1	Hexachlorobenzene	110000		UD
87-86-5	Pentachlorophenol	340000		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 J = Estimated concentration.
 D = Dilution

EMSL Analytical Inc.

HERBICIDE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-7
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	010701539-0001	Sample Matrix:	Organic
Lab File ID:	D3793.D	Sampling Date:	4/3/2007
Instrument ID:	D	Date Extracted:	4/10/2009
Analyst:	TL	Analysis Date	4/11/2007 2:14:00 PM
GC Column:	CLPest I (0.32 mm)		
GC Column 2:	CLPest II (0.32 mm)		1.05 ML
% Moisture:		Dilution Factor:	10
PH:		Concentrated Extract Vol:	10 (ml)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Extraction Type:	3580A	Sulfur Cleanup:	N
Method:	SW846 8151		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
18625-12-2	2,4-D	2400		UD
4841-20-7	Silvex	1200		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	E-7
Lab Name:	EMSL Analytical	Project:	
EMSL Sample ID:	010701539-0001	Sample Matrix:	Organic
Lab File ID:	D3777.D	Sampling Date:	4/3/2007
Instrument ID:	D	Date Extracted:	4/10/2007
Analyst:	EH	Analysis Date	4/10/2007 6:15:00 PM
GC Column:	CLPest I (0.32 mm)		
GC Column 2:	CLPest II (0.32 mm)		1.04 ML
% Moisture:		Dilution Factor:	5
PH:		Concentrated Extract Vol:	10 (ml)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Extraction Type:	3580A	Sulfur Cleanup:	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
58-89-9	gamma-BHC	240		UD
76-44-8	Heptachlor	240		UD
1024-57-3	Heptachlor Epoxide	240		UD
72-20-8	Endrin	240		UD
72-43-5	Methoxychlor	480		UD
12674-11-2	Toxaphene	4800		UD
57-74-9	Tech Chlordane	2400		UD

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

APPENDIX D

DISPOSAL FACILITY CLASSIFICATION/ ABE COSTS

LiRo contacted AB Environmental (ABE) to review the drum inventory and drum analysis results and provide a cost estimate to transport and dispose of the empty drums and drummed waste.

In reviewing the drum analysis results, ABE used the following information for hazardous and non-hazardous thresholds for transporting and receiving used oil.

- Ignitability must be >140 degrees F
- TOX (total organic halides) must be < 1000 ppm
- PCB's must be < 2 ppm
- 40 CFR, parts 260-299 for metal and VOC regulatory limits

Based on the drum analysis results and supplied drum inventory, ABE estimated a lump sum of \$11,103.50 to transport and dispose of the hazardous and non-hazardous waste material. This cost is inclusive of loading the drums onto the trailer and managing the damaged drums. The cost proposal from ABE is included in this Appendix.



AB
Environmental
"A Company Concerned"

April 13, 2007

Marlene Beck
 LiRo Engineers, Inc.
 Phone – 718-321-3136
 Fax – 718-321-3422

Re.: Schmitt's Marina Far Rockaway, NY.

A B Environmental (ABE) is pleased to submit the following proposal as contract for the transportation and disposal of waste materials at the above referenced location. ABE will mobilize an experienced project team with all the equipment and materials necessary to complete this scope of work in a safe and efficient manner. All work and disposal shall be performed in full compliance with all Federal, State and local regulatory agencies.

ABE will provide the following service:

1. Transport and dispose hazardous and non-hazardous waste material as listed in supplied inventory and analysis.

The costs associated with the above scope of work are as follows:

Lump Sum - \$10,475.00 + 6% fuel surcharge

Notes and Additions: This contract is exclusive of any applicable taxes and does not include work not specifically addressed within this proposal. All waste submitted for recycling and disposal shall be in conformity with the sample that you have submitted to A B Oil and /or as described above. A B Oil reserves the right to reject any waste which is outside the specifications of the sample / representation or at its option, to submit a surcharge representing increased cost incurred in the handling and disposal of a nonconforming waste.

Terms:

1. This agreement is between the client signing below and ABE. Should the client seek reimbursement from insurance and / or indemnity club protection ABE does not release the client from the obligations outlined in this agreement. ABE holds the client fully responsible for all the project costs.
2. I understand that a finance charge of 1.5% per month, which is an annual percentage rate of 18%, will be charged on all past due accounts over 15 days. The client will be responsible for the collection costs on all past due accounts, inclusive of attorney's fees of 33.3%

Authorization to Proceed:

I hereby acknowledge receipt of AB Environmental (ABE) proposal dated April 13, 2007 and hereby authorize ABE to provide services for this project and also accept the terms of the proposal and agree to pay all monies as per proposal terms. If this proposal is acceptable, please sign and return one copy for our records.

Acceptance of Proposal:

AB Environmental Services, Ltd.

By: _____

By: _____

Print: _____

Print: Michael Rosati, Project Manager

Date: _____

Date: April 13, 2007

APPENDIX E

DISPOSAL FACILITY CLASSIFICATION/ ALLIED COSTS

LiRo contacted Allied Environmental Group Inc. (Allied) to review the drum inventory and drum analysis results and provide a cost estimate to transport and dispose of the empty drums and drummed waste.

Based on the drum analysis results, Allied determined the hazardous drums are those containing oil with a TPH \geq 10,000 ppm and an ignitability of <140 degrees F. Based on the drum analysis results and supplied drum inventory, Allied estimated a lump sum of \$9,330, which is not inclusive of loading the drums onto the trailer and managing the damaged drums. The cost proposal from Allied is included in this Appendix.



2163 Merrick Avenue
 Merrick, NY 11566
 T 800-969-9478
 T 516-867-6452
 F 516-867-6480
 www.cleanearthinc.com

LiRo Engineers Inc.
 690 Delaware Avenue
 Buffalo, NY 14209

Attn: Marlene Beck

Re: Schmitts Marina

REVISED JOB PROPOSAL

For Transportation and Disposal of drums located in Rockaway, NY details are as follows:

Pricing-

Drums with Contents

<u>Quantity</u>	<u>Contents</u>	<u>Price/drum</u>
	<u>Non-Hazardous Profile Form</u>	
21	Waste Oil	\$125.00
	<u>Hazardous Profile Form</u>	
22	High TPH	\$135.00
4	Organics	\$210.00
	<u>Miscellaneous</u>	
1	Water & debris	\$125.00

Empty Drums

<u>Quantity</u>	<u>Type</u>	<u>Price/drum</u>
3	Metal	\$30.00
48	Plastic	\$35.00

Transportation - via Tractor Trailer - \$1000.00

Invoiced tonnage of job will be based on facility or certified scale weight tickets which may be more or less than the estimated tonnage provided by you.

\$65.00 per hour demurrage after first hour waiting time; \$600.00 per truck ordered and not used.

Terms.....Net 30 upon approved credit, 1.5% interest per month charged on all past due balances. All applicable NYS taxes will be applied.

Certificate of Recycling/Destruction will be issued upon completion of processes and final payment of balance due.

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Jail Time On Tap For Dirty Dumper

By Nicholas Briano

ABroad Channel marina owner faces up to four years in prison for dumping untreated raw sewage into Jamaica Bay, state officials say.



John Schmitt, former owner and operator of Schmitt's Marina in Broad Channel, faces up to four years in prison for illegally dumping raw sewage into Jamaica Bay.

John Schmitt, 56, whose family has owned Schmitt's Marina at West 19 Road in Broad Channel for more than 30 years, has been convicted of discharging untreated sewage from sinks and toilets into the ecosystem of Jamaica Bay, according to state Attorney General Andrew Cuomo, who announced the conviction late last week.

Schmitt has been in a 20-year battle with government agencies stemming from claims that he unlawfully used marshlands adjacent to Broad Channel for his own commercial use. In 1989, the federal government sued Schmitt's Marina owners, John and Adam Schmitt, charging that they had unlawfully expanded their singular dock into a nine dock marina with space for 250 boats.

The trouble returned for Schmitt's Marina in 1998, when they were ordered by a federal judge to remove tons of debris from Big Egg Marsh, into which Schmitt had extended the dock, eliminating a prime location for much of Jamaica Bay's migratory birds and other bay inhabitants.

In February 2007 he was officially ordered off the land when he was accused of littering the

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 Live N' Groove, DeWitt's District Leader
 112-20 Beach Channel Drive
 Rockaway Park, NY 11684

Fourth Annual
Half Way to St. Patrick's Day
Celebration in Rockaway
 Free Parking
 Friday September 18, 2009 - 7:00pm to ???
 Location: Knights of Columbus, Rockaway Council
 232 Beach 90th Street, Rockaway Beach, Queens, New York
 Open Bar, Bottle Bar, Games, Hot Food Buffet, Ladies' Celebraz
 Entertainment by The Havana Bandstand (Free Show!) Special Appearance by The FDNY-EMS
 The 9th Wading Step Dancers Pops and Dance Band
 For More Information & Ticket Contact:
 John Schmitt, Home: 945-2991 or 945-2992 or 945-2993; 945-2994 or 945-2995

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area with materials detrimental to the ecosystem of the bay, such as fuel, concrete and other debris.

However, Schmitt may be sent to jail on what seems to be a lesser charge than that of ruining a delicate marshland. Residing in the same building as the marina, Schmitt was convicted of running pipes from a sink and the toilets directly into Jamaica Bay. According to Cuomo, he was in violation of New York's Environmental Conservation Law.



Schmitt's Marina closed down in February 2007 when the government ordered the business off the land for littering the area and adjacent marshlands with fuel, concrete and other materials.

Schmitt also owned and operated a telephone answering service at a second building nearby, in which a toilet was connected to a pipe that discharged onto the ground and into the groundwater. According to Cuomo, the pipe had been concealed beneath pieces of old wood, and raw sewage had been sitting on the ground beneath it.

"John Schmitt's actions have been truly disgusting. Dumping raw sewage into a public waterway is not just bad for the environment; it is a clear abuse of the people who use the bay for swimming, fishing and boating," said Attorney General Cuomo. "This conviction should send a clear message: If you blatantly disregard the environment in New York State, you'll end up cleaning up your mess in court."

Other charges for which Schmitt was convicted included digging a trench on the tidal wetlands and attempting to drain it without a permit. In addition, when a warrant was issued to search the premises, an unlicensed firearm was discovered.

Schmitt was convicted of two class E felonies, a misdemeanor, and two environmental violations. He was also convicted of a misdemeanor for the Criminal Possession of a Weapon.

Schmitt will face up to four years in jail and \$200,000 in fines when sentenced on October 28.

Reader Comments

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I am a former assembly member...
Marc Leavitt
For Our Communities
Democrat for Queens Borough President

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SEVENTH ANNUAL GOLF TOURNAMENT
Monday, September 14, 2009
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Comments

6

5

4

4

4

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3

I'm going to
FESTIVAL 25
 Rockaway Music & Arts Council
 25th Annual Fall Festival
 with
 Chamber of Commerce of the Rockaways
 Wends Over Rockaway N.Y. Kite Festival
 at
 Rockaway Polo Park, Gateway National Recreation Area, Rockaway, N.Y.
 Saturday, September 12 & Sunday, September 13, 2009
 11 am to 6 pm

Junior Fine Art & Craft Displays
 Great Food & Drinks
 Free Admissions
 Educational Area and much more!

FREE Admissions
 Parking Free
 Kids Crafts Workshop
 Kite Show
 Demonstrations

ALWAYS A GREAT TIME FOR EVERYONE.

MEMBER OF COMMERCIAL OF THE ROCKAWAYS
 WOLVERINE
 SOUTHWEST
 SOUTHWEST

The Rockaway Polo Park is a public park owned by the City of Rockaway. The City of Rockaway is not responsible for any injuries or damages that may occur at the festival. The City of Rockaway is not responsible for any injuries or damages that may occur at the festival. The City of Rockaway is not responsible for any injuries or damages that may occur at the festival.

MONTH LONG, ALL EXPENSE PAID
TRIP TO TAIWAN
MARCH 28 - APRIL 27, 2010

Be part of a Cultural and Vocational trip organized and paid for by Rotary, called Group Study Exchange. You will be part of a team of four people who study the Taiwanese way of life, institutions, and the way your business or profession is practiced in Taiwan. Develop personal and professional relationships that can last a lifetime.

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- Be 25 - 40 years old
- Work in your business or profession for two years
- Not be a spouse, child, or grandchild of a member of Rotary
- Be presentable, articulate, cooperative, and a motivated team player

Airfare, transportation, accommodation and meals are paid by Rotary. For more info: Debra/Rotary GSE

THIS IS A REWARDING ONCE-IN-A-LIFETIME OPPORTUNITY!

Have an invaluable impact on your career!
 Return home with a broadened cultural understanding!
 Develop lifelong friendships!

If you are interested, please contact:

John Hanley 78-645-3700 jhanley@psd.com	Rosal Plado Rockaway Rotary Children 78-600-0742 RPlado@psd.com
---	--

Application due by October 12, 2009



New York City Department of Design and Construction
Final Phase I Environmental Site Assessment Report
Former Schmitt's Marina
96th Street between West 19th Road and West 20th Road, Queens, New York

APPENDIX I

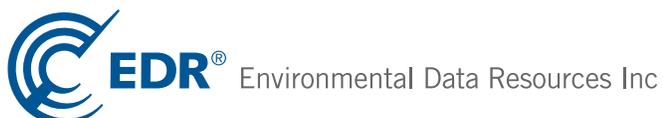
REGULATORY AGENCY DATABASE REPORT

Schmitts Marina - Task #6403

96th Street between West 19th and West 20th Roads
Queens, NY 11693

Inquiry Number: 2557812.2s
August 07, 2009

The EDR Radius Map™ Report with GeoCheck®



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

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

96TH STREET BETWEEN WEST 19TH AND WEST 20TH ROADS
QEENS, NY 11693

COORDINATES

Latitude (North): 40.599600 - 40° 35' 58.6"
Longitude (West): 73.823300 - 73° 49' 23.9"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 599562.4
UTM Y (Meters): 4494764.5
Elevation: 4 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40073-E7 FAR ROCKAWAY, NY
Most Recent Revision: 1969

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2006
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
NYC DCAS - SCHMITTS MARINA 40 W 19TH RD BROAD CHANNEL, NY 11693	MANIFEST	N/A
NYC DCAS - SCHMITTS MARINA 40 W 19TH RD BROAD CHANNEL, NY 11693	RCRA-SQG	NYR000160341
NYC DCAS - SCHMITTS MARINA 40 W 19TH RD BROAD CHANNEL, NY 11693	FINDS	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

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

EXECUTIVE SUMMARY

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

SWF/LF..... Facility Register

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Registry of Engineering Controls
INST CONTROL..... Registry of Institutional Controls
RES DECL..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Agreements
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

ERP..... Environmental Restoration Program Listing
BROWNFIELDS..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

EXECUTIVE SUMMARY

DEL SHWS..... Delisted Registry Sites

Local Lists of Registered Storage Tanks

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

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
HSWDS..... Hazardous Substance Waste Disposal Site Inventory
DRYCLEANERS..... Registered Drycleaners
NPDES..... State Pollutant Discharge Elimination System
AIRS..... Air Emissions Data
E DESIGNATION..... E DESIGNATION SITE LISTING
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations.. EDR Proprietary Historic Gas Stations
EDR Historical Cleaners..... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

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

A review of the SHWS list, as provided by EDR, and dated 06/09/2009 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LONDON-FRENCH DRY-CLEANING CO. Class Code: Significant threat to the public health or environment - action required.	86-15 ROCKAWAY BEACH BO SE 1/2 - 1	0.865 mi.)	15	38

State and tribal leaking storage tank lists

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

A review of the LTANKS list, as provided by EDR, and dated 06/09/2009 has revealed that there are 6 LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CROSS BAY VETERAN BRIDGE</i>	<i>CROSS BAY BLVD</i>	<i>E 0 - 1/8 (0.026 mi.)</i>	<i>B4</i>	<i>10</i>
<i>CROSS BAY BRIDGE</i> Date Closed: 11/5/2003	<i>CROSS BAY BRIDGE</i>	<i>E 0 - 1/8 (0.026 mi.)</i>	<i>B5</i>	<i>13</i>
<i>UNK</i> Date Closed: 10/3/1997	<i>1206 CROSSBAY BLVD.</i>	<i>NNE 1/4 - 1/2 (0.297 mi.)</i>	<i>11</i>	<i>27</i>
<i>35 W 11TH RD</i> Date Closed: 6/15/2005	<i>35 W 11TH RD</i>	<i>NNE 1/4 - 1/2 (0.384 mi.)</i>	<i>D12</i>	<i>30</i>
<i>33 W 11TH RD</i> Date Closed: 8/5/1992	<i>33 W 11TH RD</i>	<i>NNE 1/4 - 1/2 (0.385 mi.)</i>	<i>D13</i>	<i>32</i>
<i>Not reported</i> Date Closed: 5/24/1999	<i>914 CROSSBAY BLVD</i>	<i>NNE 1/4 - 1/2 (0.479 mi.)</i>	<i>14</i>	<i>35</i>

EXECUTIVE SUMMARY

HIST LTANKS: A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 5 HIST LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CROSS BAY VETERAN BRIDGE Date Closed: / /	CROSS BAY BLVD	E 0 - 1/8 (0.026 mi.)	B4	10
CROSS BAY BRIDGE Date Closed: / /	CROSS BAY BRIDGE	E 0 - 1/8 (0.026 mi.)	B5	13
35 W 11TH RD Date Closed: / /	35 W 11TH RD	NNE 1/4 - 1/2 (0.384 mi.)	D12	30
33 W 11TH RD Date Closed: 08/05/92	33 W 11TH RD	NNE 1/4 - 1/2 (0.385 mi.)	D13	32
Not reported Date Closed: 05/24/99	914 CROSSBAY BLVD	NNE 1/4 - 1/2 (0.479 mi.)	14	35

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

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

A review of the NY Spills list, as provided by EDR, and dated 06/09/2009 has revealed that there are 4 NY Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CROSS BAY BRIDGE Date Closed: 10/18/2005	BELL PARKWAY/CROSS BAY	E 0 - 1/8 (0.026 mi.)	B6	15
NEXT TO 22-24 Date Closed: 4/30/1998	VAN BRUNT RD	ENE 0 - 1/8 (0.058 mi.)	C7	18
27 VAN BRUNT ROAD Date Closed: 9/9/1994	27 VAN BRUNT ROAD	E 0 - 1/8 (0.062 mi.)	C8	21
Not reported Date Closed: 8/21/2001	57 W 17TH RD	N 0 - 1/8 (0.092 mi.)	10	25

EXECUTIVE SUMMARY

NY Hist Spills: This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 4 NY Hist Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CROSS BAY BRIDGE</i>	<i>BELL PARKWAY/CROSS BAYE</i>	<i>E 0 - 1/8 (0.026 mi.)</i>	<i>B6</i>	<i>15</i>
<i>NEXT TO 22-24</i>	<i>VAN BRUNT RD</i>	<i>ENE 0 - 1/8 (0.058 mi.)</i>	<i>C7</i>	<i>18</i>
<i>27 VAN BRUNT ROAD</i>	<i>27 VAN BRUNT ROAD</i>	<i>E 0 - 1/8 (0.062 mi.)</i>	<i>C8</i>	<i>21</i>
<i>Not reported</i>	<i>57 W 17TH RD</i>	<i>N 0 - 1/8 (0.092 mi.)</i>	<i>10</i>	<i>25</i>

Other Ascertainable Records

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

A review of the MANIFEST list, as provided by EDR, and dated 05/22/2009 has revealed that there is 1 MANIFEST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONSOLIDATED EDISON	CROSS BAY BLVD / E 20	NNE 0 - 1/8 (0.075 mi.)	9	24

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
D AMBROSIO PROP - 103RD ST & 196TH	FINDS
RIEKERS PROP - 30/32 W 12TH RD	FINDS
BRADFORD PROP - 33/35 W 19TH RD	FINDS
HARNISHER PROP - 53 & 54 W. 11TH R	FINDS
D AQUINO/MONTELLA PROP - CROSS BAY	FINDS
NYC DCAS - LANARK RD	FINDS
KRAMER PROP - VAN BRUNT RD	FINDS
BROAD CHANNEL SHORELINE	NY Spills, NY Hist Spills
BEACH CHANNEL DR AND	NY Spills, NY Hist Spills
SEAWAY MARINA	NY Spills, NY Hist Spills

OVERVIEW MAP - 2557812.2s



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

-  Indian Reservations BIA
-  County Boundary
-  Oil & Gas pipelines
-  National Wetland Inventory
-  State Wetlands

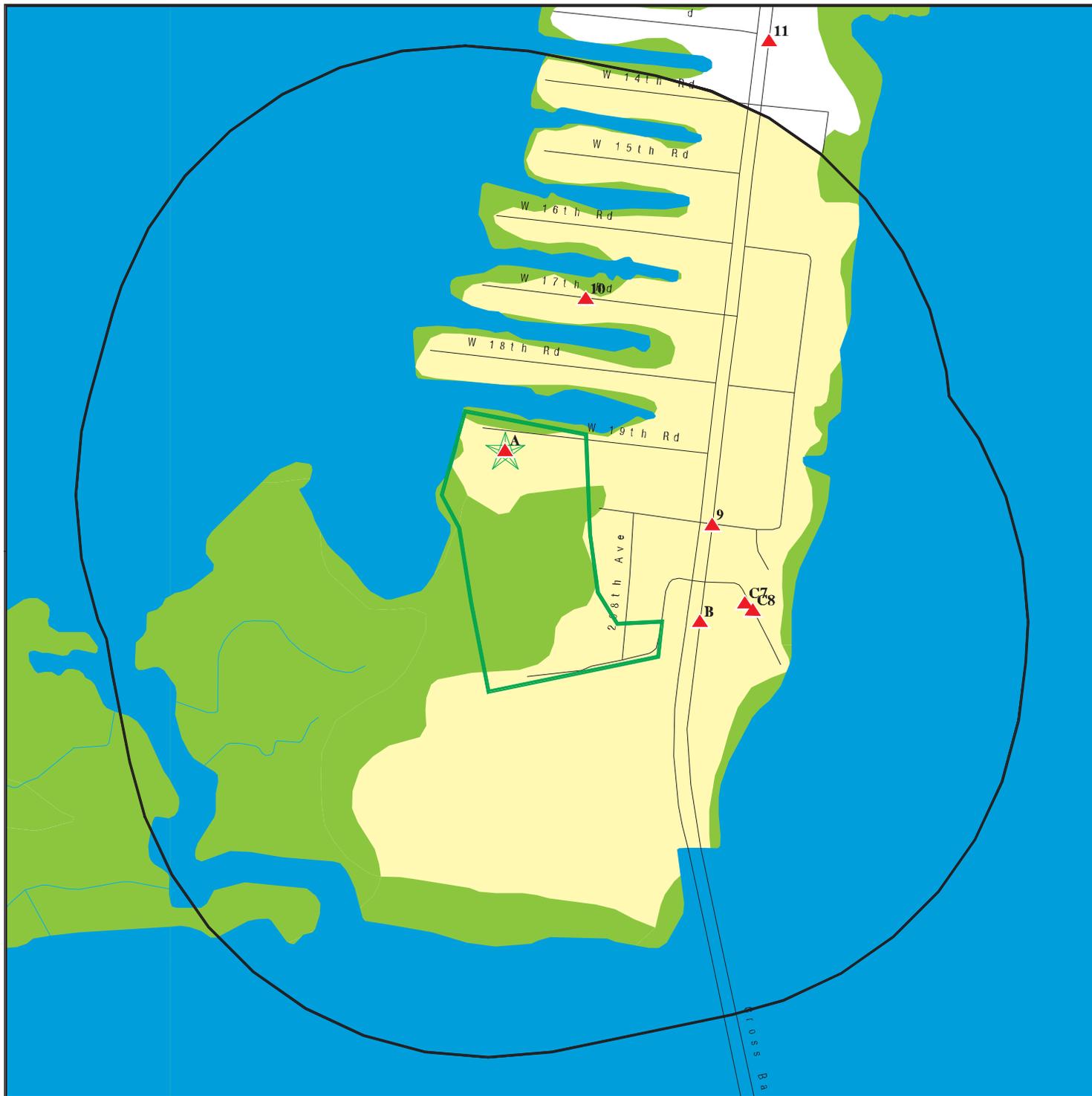


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Schmitts Marina - Task #6403
 ADDRESS: 96th Street between West 19th and West 20th Roads
 Queens NY 11693
 LAT/LONG: 40.5996 / 73.8233

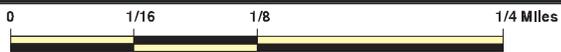
CLIENT: ATC Associates Inc. #15
 CONTACT: Matt Mankovich
 INQUIRY #: 2557812.2s
 DATE: August 07, 2009 12:27 pm

DETAIL MAP - 2557812.2s



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

-  Indian Reservations BIA
-  Oil & Gas pipelines
-  National Wetland Inventory
-  State Wetlands



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

SITE NAME: Schmitts Marina - Task #6403
 ADDRESS: 96th Street between West 19th and West 20th Roads
 Queens NY 11693
 LAT/LONG: 40.5996 / 73.8233

CLIENT: ATC Associates Inc. #15
 CONTACT: Matt Mankovich
 INQUIRY #: 2557812.2s
 DATE: August 07, 2009 12:27 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG	X	0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS		1.000	0	0	0	1	NR	1
VAPOR REOPENED		1.000	0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF		0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LTANKS		0.500	2	0	4	NR	NR	6
HIST LTANKS		0.500	2	0	3	NR	NR	5
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST		0.250	0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY Spills		0.125	4	NR	NR	NR	NR	4
NY Hist Spills		0.125	4	NR	NR	NR	NR	4
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
HSWDS		0.500	0	0	0	NR	NR	0
MANIFEST	X	0.250	1	0	NR	NR	NR	1
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
E DESIGNATION		0.125	0	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

A1 **NYC DCAS - SCHMITTS MARINA**
Target **40 W 19TH RD**
Property **BROAD CHANNEL, NY 11693**

MANIFEST **S109375621**
N/A

Site 1 of 3 in cluster A

Actual:
4 ft.

NY MANIFEST:
EPA ID: NYR000160341
Country: USA
Mailing Name: NYC DCAS - SCHMITTS MARINA
Mailing Contact: NYC DCAS - SCHMITTS MARINA
Mailing Address: 40 W 19TH RD
Mailing Address 2: Not reported
Mailing City: BROAD CHANNEL
Mailing State: NY
Mailing Zip: 11693
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-391-1799

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD082785429
Trans2 State ID: Not reported
Generator Ship Date: 2008-10-22
Trans1 Recv Date: 2008-10-22
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-10-22
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000160341
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD082785429
Waste Code: Not reported
Quantity: 30.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 08
Manifest Tracking Num: 002445563FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NYC DCAS - SCHMITTS MARINA (Continued)

S109375621

Trans1 State ID: NYD082785429
 Trans2 State ID: Not reported
 Generator Ship Date: 2008-10-22
 Trans1 Recv Date: 2008-10-22
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 2008-10-22
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYR000160341
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSD ID: NYD082785429
 Waste Code: Not reported
 Quantity: 55.0
 Units: G - Gallons (liquids only)* (8.3 pounds)
 Number of Containers: 1.0
 Container Type: DF - Fiberboard or plastic drums (glass)
 Handling Method: B Incineration, heat recovery, burning.
 Specific Gravity: 1.0
 Year: 08
 Manifest Tracking Num: 002445563FLE
 Import Ind: N
 Export Ind: N
 Discr Quantity Ind: N
 Discr Type Ind: N
 Discr Residue Ind: N
 Discr Partial Reject Ind: N
 Discr Full Reject Ind: N
 Manifest Ref Num: Not reported
 Alt Fac RCRA Id: Not reported
 Alt Fac Sign Date: Not reported
 Mgmt Method Type Code: H141

A2 NYC DCAS - SCHMITTS MARINA
Target 40 W 19TH RD
Property BROAD CHANNEL, NY 11693

RCRA-SQG 1011863522
NYR000160341

Site 2 of 3 in cluster A

**Actual:
 4 ft.**

RCRA-SQG:
 Date form received by agency: 10/07/2008
 Facility name: NYC DCAS - SCHMITTS MARINA
 Facility address: 40 W 19TH RD
 BROAD CHANNEL, NY 11693
 EPA ID: NYR000160341
 Mailing address: W 19TH RD
 BROAD CHANNEL, NY 11693
 Contact: YOHANNA I SALIB
 Contact address: W 19TH RD
 BROAD CHANNEL, NY 11693
 Contact country: US
 Contact telephone: (212) 669-4062
 Contact email: YSALIB@DCAS.NYC.GOV
 EPA Region: 02
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DCAS - SCHMITTS MARINA (Continued)

1011863522

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: THE CITY OF NEW YORK - DCAS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1909
Owner/Op end date: Not reported

Owner/operator name: THE CITY OF NEW YORK - DCAS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1909
Owner/Op end date: Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

Waste code: D008
Waste name: LEAD

Waste code: D012
Waste name: ENDRIN

Waste code: D014
Waste name: METHOXYCHLOR

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A3 **NYC DCAS - SCHMITTS MARINA** **FINDS** **1011922830**
Target **40 W 19TH RD** **N/A**
Property **BROAD CHANNEL, NY 11693**

Site 3 of 3 in cluster A

Actual: FINDS:
4 ft. Registry ID: 110037432203

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

B4 **CROSS BAY VETERAN BRIDGE** **LTANKS** **S106703643**
East **CROSS BAY BLVD** **HIST LTANKS** **N/A**
< 1/8 **QUEENS, NY**
0.026 mi.
137 ft. **Site 1 of 3 in cluster B**

Relative: LTANKS:
Higher Site ID: 248036
 Spill No: 9208766
 Spill Date: 10/29/1992
 Spill Cause: Tank Test Failure
 Spill Source: Non Major Facility > 1,100 gal
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Spill Closed Dt: Not reported
 Facility Addr2: Not reported
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 4101
 Investigator: MCTIBBE
 Referred To: Not reported
 Reported to Dept: 10/29/1992
 CID: 09
 Water Affected: Not reported
 Spill Notifier: Tank Tester
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Involvement: True
 Remediation Phase: 4
 Date Entered In Computer: 10/30/1992
 Spill Record Last Update: 2/9/2006
 Spiller Name: GEORGE BASIL
 Spiller Company: MTA BRIDGES & TUNNEL
 Spiller Address: RANDALL'S ISLAND
 Spiller City,St,Zip: NEW YORK, NY 10035-001
 Spiller County:
 Spiller Contact: GEORGE BASIL
 Spiller Phone: (212) 360-4165
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 203631

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROSS BAY VETERAN BRIDGE (Continued)

S106703643

DEC Memo: Prior to Sept, 2004 data translation this spill Lead DEC Field was "ROMMEL" This spill site cleanup has been consolidated under Spill No. 9607602. This is spill site cleanup has been reassigned from Sigona to Rommel on June 23, 2004. On June 23, 2004, DEC Sigona issued comments regarding a proposed Work Plan for Site Investigation by BEM Systems, Inc., dated November 5, 2003. Based on the results of our site visit and PBS inspection on July 30, 2003, and evaluation of the proposal by BEM, theDEC accepts MTA Bridges and Tunnel's Work Plan to perform further investigatory actions to address any of the DEC's concerns related to the prior spill investigations for this spill number referenced at this site. 10/18/05: This spill was originally closed and consolidated under a disimilar spill by Jennifer Rommel. It has been transferred to Tibbe. The investigation (approved by Sigona) that was performed for the tanks and contamination in question for this spill was inadequate to identify the existance of contamination. The spill is being re-opened and needs further investigation. MCT. WILL PUMP TANK, INVESTIGATE ,REPAIR AND RETEST

Remarks:

Material:

Site ID: 248036
Operable Unit ID: 972291
Operable Unit: 01
Material ID: 405846
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Soil
Oxygenate: False

Tank Test:

Site ID: 248036
Spill Tank Test: 1540779
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:

Region of Spill: 2
Spill Number: 9208766
Spill Date: 10/29/1992
Spill Time: 14:00
Spill Cause: Tank Test Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Non Major Facility > 1,100 gallons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROSS BAY VETERAN BRIDGE (Continued)

S106703643

Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: SIGONA
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 10/29/92
Reported to Department Time: 14:57
SWIS: 63
Spiller Contact: EDWARD
Spiller Phone: (718) 692-5510
Spiller Extention: Not reported
Spiller Name: TRIBORO BRIDGE & TUNNEL
Spiller Address: RANDALL'S ISLAND
Spiller City,St,Zip: NEW YORK, NY 10035-
Spiller Cleanup Date: / /
Facility Contact: MICHELLE MOORE
Facility Phone: (212) 468-8450
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: 2-481688
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/30/92
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/04/01
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: GASOLINE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROSS BAY VETERAN BRIDGE (Continued)

S106703643

Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: WILL PUMP TANK,INVESTIGATE ,REPAIR AND RETEST

B5
East
< 1/8
0.026 mi.
137 ft.

CROSS BAY BRIDGE
CROSS BAY BRIDGE
QUEENS, NY
Site 2 of 3 in cluster B

LTANKS **S106703546**
HIST LTANKS **N/A**

Relative:
Higher

LTANKS:
Site ID: 248035
Spill No: 9102053
Spill Date: 5/21/1991
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Actual:
6 ft.

Spill Closed Dt: 11/5/2003
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: JMROMMEL
Referred To: Not reported
Reported to Dept: 5/21/1991
CID: 09
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 6/3/1991
Spill Record Last Update: 6/23/2004
Spiller Name: COLLENE CHANNER
Spiller Company: MTA BRIDGES & TUNNELS
Spiller Address: 347 MADISON AVENUE
Spiller City,St,Zip: NEW YORK, NY
Spiller County: 001
Spiller Contact: GEORGE BASIL
Spiller Phone: (212) 360-4165
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 203631

DEC Memo: Prior to Sept, 2004 data translation this spill Lead DEC Field was "ROMMEL" This spill site cleanup has been consolidated under Spill No. 9607602. DEC Sigona Issued a No further action letter on June 23, 2004 for spill No. 9607602.

Remarks: (2) 550GAL TANKS,MANIFOLDED,FAILED PETRO TITE WITH A GROSS LEAK, SUSPECT PIPING & REMOTE FILL,LOOKED ROTTED,WILL EXCAVATE,ISOLATE & RETEST.

Material:
Site ID: 248035

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROSS BAY BRIDGE (Continued)

S106703546

Operable Unit ID: 953157
Operable Unit: 01
Material ID: 424579
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Groundwater
Oxygenate: False

Tank Test:

Site ID: 248035
Spill Tank Test: 1538579
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

HIST LTANKS:

Region of Spill: 2
Spill Number: 9102053
Spill Date: 05/21/1991
Spill Time: 11:45
Spill Cause: Tank Test Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: SIGONA
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 05/21/91
Reported to Department Time: 13:28
SWIS: 63
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: MTA BRIDGES & TUNNELS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROSS BAY BRIDGE (Continued)

S106703546

Spiller Address: 347 MADISON AVENUE
Spiller City,St,Zip: NEW YORK, NY
Spiller Cleanup Date: / /
Facility Contact: COLLENE CHANNER
Facility Phone: (212) 878-1035
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 06/03/91
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/04/01
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: 2) 550GAL TANKS,MANIFOLDED,FAILED PETRO TITE WITH A GROSS LEAK, SUSPECT PIPING REMOTE FILL,LOOKED ROTTED,WILL EXCAVATE,ISOLATE RETEST.

B6
East
< 1/8
0.026 mi.
137 ft.

CROSS BAY BRIDGE
BELL PARKWAY/CROSS BAY
QUEENS, NY

Site 3 of 3 in cluster B

NY Spills S106702052
NY Hist Spills N/A

Relative:
Higher

NY Spills:
Site ID: 248037
Facility Addr2: Not reported
Facility ID: 9607602
Spill Number: 9607602
Facility Type: ER
SWIS: 4101
Investigator: MCTIBBE

Actual:
6 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROSS BAY BRIDGE (Continued)

S106702052

Referred To: Not reported
Spill Date: 9/17/1996
Reported to Dept: 9/17/1996
CID: 09
Spill Cause: Equipment Failure
Water Affected: Not reported
Spill Source: Non Major Facility > 1,100 gal
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/18/2005
Remediation Phase: 0
Date Entered In Computer: 9/17/1996
Spill Record Last Update: 10/18/2005
Spiller Name: COLLENE CAHNNER, ESQ.
Spiller Company: MTA BRIDGES & TUNNELS
Spiller Address: 347 MADISON AVENUE
Spiller City,St,Zip: NEW YORK, NY
Spiller Company: 001
Contact Name: GEORGE BASIL
Contact Phone: (212) 360-4165
DEC Region: 2
DER Facility ID: 203631

Material:

Site ID: 248037
Operable Unit ID: 1038764
Operable Unit: 01
Material ID: 346860
Material Code: 0001
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Groundwater
Oxygenate: False
Site ID: 248037
Operable Unit ID: 1038764
Operable Unit: 01
Material ID: 346861
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Groundwater
Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROSS BAY BRIDGE (Continued)

S106702052

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

DEC Memo: Prior to Sept, 2004 data translation this spill Lead DEC Field was "ROMMEL" This spill site cleanup has been consolidated under Spill No. 9607602. A site investigation work plan was submitted to DEC for review and approval on November 7, 2003. On June 23, 2004, DEC Sigona issued comments regarding a proposed Work Plan for Site Investigation by BEM Systems, Inc., dated November 5, 2003. Based on the results of our site visit and PBS inspection on July 30, 2003, and evaluation of the proposal by BEM, the DEC accepts MTA Bridges and Tunnel's Work Plan to perform further investigatory actions to address any of the DEC's concerns related to the prior spill investigations for this spill number referenced at this site. 03/30/05: Transferred from Rommel to Tibbe. 10/18/05: In an effort to close and consolidate spills, this #2 fuel oil spill was consolidated with 96-07602 which is a gasoline spill. Ignore gasoline on the materials list. This spill solely pertains to #2 fuel oil. Due to limited access and utilities, the minimal investigation that was performed is all that is practical. Therefore, this spill will be closed.

Remarks: FOUND CONTAMINATED SOIL DURING EXCAVATION NEAR TANK - TANK IN PLACE APPEARS TO BE IN TACT AND NO LINE FAILURES- OTHER TANK WAS REMOVED APPROX 1 YEAR AGO

NY Hist Spills:

Region of Spill: 2
Spill Number: 9607602
Investigator: SIGONA
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 09/17/1996 10:00
Reported to Dept Date/Time: 09/17/96 12:23
SWIS: 63
Spiller Name: MTA BRIDGES & TUNNELS
Spiller Contact: COLLENE CAHNNER, ESQ.
Spiller Phone: (212) 878-1035
Spiller Address: 347 MADISON AVENUE
Spiller City, St, Zip: NEW YORK, NY
Spill Cause: Housekeeping
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CROSS BAY BRIDGE (Continued)

S106702052

Spill Notifier: Responsible Party
PBS Number: 2-481688
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 09/17/96
Date Spill Entered In Computer Data File: Not reported
Update Date: 01/04/01
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Remark: FOUND CONTAMINATED SOIL DURING EXCAVATION NEAR TANK - TANK IN PLACE APPEARS TO BE IN TACT AND NO LINE FAILURES- OTHER TANK WAS REMOVED APPROX 1 YEAR AGO

C7 **NEXT TO 22-24**
ENE **VAN BRUNT RD**
< 1/8 **BROAD CHANNEL, NY**
0.058 mi.
307 ft. **Site 1 of 2 in cluster C**

NY Spills **S102239608**
NY Hist Spills **N/A**

Relative:
Higher

NY Spills:
Site ID: 296970
Facility Addr2: Not reported
Facility ID: 9600091
Spill Number: 9600091
Facility Type: ER
SWIS: 4101
Investigator: KSTANG
Referred To: Not reported

Actual:
6 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEXT TO 22-24 (Continued)

S102239608

Spill Date: 4/2/1996
Reported to Dept: 4/2/1996
CID: 349
Spill Cause: Housekeeping
Water Affected: JAMACIA BAY
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 4/30/1998
Remediation Phase: 0
Date Entered In Computer: 4/2/1996
Spill Record Last Update: 5/14/1998
Spiller Name: DAN TURBIDE-OWNER
Spiller Company: NEXT TO 22-24
Spiller Address: VAN BRUNT RD
Spiller City,St,Zip: BROAD CHANNEL, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 2
DER Facility ID: 240304

Material:

Site ID: 296970
Operable Unit ID: 1031522
Operable Unit: 01
Material ID: 353490
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Surface Water
Oxygenate: False
Site ID: 296970
Operable Unit ID: 1031522
Operable Unit: 01
Material ID: 353491
Material Code: 0064A
Material Name: UNKNOWN MATERIAL
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Surface Water
Oxygenate: False

Tank Test:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEXT TO 22-24 (Continued)

S102239608

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

DEC Memo: Prior to Sept, 2004 data translation this spill Lead DEC Field was "TANG" REFER TO NATURAL RESOURCES, J. GILMORE & LAW ENFORCEMENT.

Remarks: PUTTING IN FOUNDATION - LEAKING OIL AND OTHER MATERIAL INTO WATER - APPEARS NOT TO HAVE A PERMIT

NY Hist Spills:

Region of Spill: 2
Spill Number: 9600091
Investigator: TANG
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 04/02/1996 12:00
Reported to Dept Date/Time: 04/02/96 12:30
SWIS: 63
Spiller Name: NEXT TO 22-24
Spiller Contact: DAN TURBIDE-OWNER
Spiller Phone: Not reported
Spiller Address: VAN BRUNT RD
Spiller City,St,Zip: BROAD CHANNEL, NY
Spill Cause: Housekeeping
Reported to Dept: Surface Water
Water Affected: JAMACIA BAY
Spill Source: 02
Spill Notifier: Citizen
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 04/30/98
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 04/02/96
Date Spill Entered In Computer Data File: Not reported
Update Date: 05/14/98

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NEXT TO 22-24 (Continued)

S102239608

Is Updated: False

Tank:

PBS Number: Not reported
 Tank Number: Not reported
 Tank Size: Not reported
 Test Method: Not reported
 Leak Rate Failed Tank: Not reported
 Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
 Quantity Spilled: 0
 Unkonwn Quantity Spilled: True
 Units: Gallons
 Quantity Recovered: 0
 Unkonwn Quantity Recovered: False

Material: UNKNOWN PETROLEUM
 Class Type: UNKNOWN PETROLEUM
 Times Material Entry In File: 16414
 CAS Number: Not reported
 Last Date: 19940929

Material Class Type: Raw Sewage
 Quantity Spilled: 0
 Unkonwn Quantity Spilled: True
 Units: Gallons
 Quantity Recovered: 0
 Unkonwn Quantity Recovered: False

Material: UNKNOWN MATERIAL
 Class Type: UNKNOWN MATERIAL
 Times Material Entry In File: 9140
 CAS Number: Not reported
 Last Date: 19941109

DEC Remarks: REFER TO NATURAL RESOURCES, J. GILMORE LAW ENFORCEMENT.
 Remark: PUTTING IN FOUNDATION - LEAKING OIL AND OTHER MATERIAL INTO WATER - APPEARS NOT TO HAVE A PERMIT

C8
East
< 1/8
0.062 mi.
330 ft.

27 VAN BRUNT ROAD
27 VAN BRUNT ROAD
BROAD CHANNEL, NY

Site 2 of 2 in cluster C

NY Spills S102148710
NY Hist Spills N/A

Relative:
Higher

NY Spills:

Site ID: 184311
 Facility Addr2: Not reported
 Facility ID: 9407722
 Spill Number: 9407722
 Facility Type: ER
 SWIS: 4101
 Investigator: SMMARTIN
 Referred To: Not reported
 Spill Date: 9/9/1994
 Reported to Dept: 9/9/1994
 CID: Not reported
 Spill Cause: Unknown
 Water Affected: CHANNEL
 Spill Source: Institutional, Educational, Gov., Other
 Spill Notifier: Federal Government

Actual:
6 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

27 VAN BRUNT ROAD (Continued)

S102148710

Cleanup Ceased: 9/9/1994
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Trust: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 9/9/1994
Remediation Phase: 0
Date Entered In Computer: 10/25/1994
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Region: 2
DER Facility ID: 154249

Material:

Site ID: 184311
Operable Unit ID: 1001973
Operable Unit: 01
Material ID: 380721
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Not reported
Recovered: No
Resource Affected: Surface Water
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

DEC Memo: Prior to Sept, 2004 data translation this spill Lead DEC Field was "MARTINKAT"
Remarks: CONTACTED NYCDEP-RAW SEWAGE THRU OUTFALL INTO CHENNEL

NY Hist Spills:

Region of Spill: 2
Spill Number: 9407722
Investigator: MARTINKAT
Caller Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

27 VAN BRUNT ROAD (Continued)

S102148710

Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 09/09/1994 13:00
Reported to Dept Date/Time: 09/09/94 13:57
SWIS: 63
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: Surface Water
Water Affected: CHANNEL
Spill Source: 02
Spill Notifier: Federal Government
PBS Number: Not reported
Cleanup Ceased: 09/09/94
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 09/09/94
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 10/25/94
Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

27 VAN BRUNT ROAD (Continued)

S102148710

Remark: CONTACTED NYCDEP-RAW SEWAGE THRU OUTFALL INTO CHENNEL

9
NNE
< 1/8
0.075 mi.
396 ft.

CONSOLIDATED EDISON
CROSS BAY BLVD / E 20 RD CMH1
QUEENS, NY

MANIFEST S109584248
N/A

Relative:
Higher

NY MANIFEST:
EPA ID: NYP004165429
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: MANHATTAN
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Actual:
6 ft.

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 2009-04-01
Trans1 Recv Date: 2009-04-01
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-04-02
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004165429
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD077444263
Waste Code: Not reported
Quantity: 150.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 09
Manifest Tracking Num: 001450574FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

10
North
< 1/8
0.092 mi.
484 ft.

57 W 17TH RD
BROAD CHANNEL, NY

NY Spills S105140438
NY Hist Spills N/A

Relative:
Higher

NY Spills:

Actual:
4 ft.

Site ID: 265814
 Facility Addr2: Not reported
 Facility ID: 0105406
 Spill Number: 0105406
 Facility Type: ER
 SWIS: 4101
 Investigator: MCTIBBE
 Referred To: Not reported
 Spill Date: 8/11/2001
 Reported to Dept: 8/18/2001
 CID: 09
 Spill Cause: Unknown
 Water Affected: JAMACIA BAY
 Spill Source: Unknown
 Spill Notifier: Affected Persons
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Trust: False
 Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 8/21/2001
 Remediation Phase: 0
 Date Entered In Computer: 8/18/2001
 Spill Record Last Update: 8/21/2001
 Spiller Name: Not reported
 Spiller Company: UNKNOWN
 Spiller Address: Not reported
 Spiller City,St,Zip: ZZ -
 Spiller Company: 001
 Contact Name: Not reported
 Contact Phone: Not reported
 DEC Region: 2
 DER Facility ID: 216594

Material:

Site ID: 265814
 Operable Unit ID: 843755
 Operable Unit: 01
 Material ID: 533874
 Material Code: 0062A
 Material Name: RAW SEWAGE
 Case No.: Not reported
 Material FA: Other
 Quantity: 0
 Units: Gallons
 Recovered: No
 Resource Affected: Surface Water
 Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105140438

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

DEC Memo: Prior to Sept, 2004 data translation this spill Lead DEC Field was "TIBBE" ACCORDING TO CALLER, DEC WATER UNIT ALREADY RESPONDED LAST WEEK BUT AT HIGH TIDE. THEY NEED TO SEE IT AT LOW TIDE. REFERED TO WATER UNIT.

Remarks: CALLER HAS NOTICED FOR THE PAST WEEK THAT THERE IS RAW SEWAGE GOING INTO THE BAY - REQ CALL BACK

NY Hist Spills:

Region of Spill: 2
Spill Number: 0105406
Investigator: TIBBE
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 08/11/2001 12:00
Reported to Dept Date/Time: 08/18/01 13:46
SWIS: 63
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: () -
Spiller Address: Not reported
Spiller City,St,Zip: -
Spill Cause: Unknown
Reported to Dept: Surface Water
Water Affected: JAMACIA BAY
Spill Source: 12
Spill Notifier: Affected Persons
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 08/21/01
Corrective Action Plan Submitted: / /

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S105140438

Date Region Sent Summary to Central Office: / /
 Date Spill Entered In Computer Data File: 08/18/01
 Date Spill Entered In Computer Data File: Not reported
 Update Date: 08/21/01
 Is Updated: False

Tank:

PBS Number: Not reported
 Tank Number: Not reported
 Tank Size: Not reported
 Test Method: Not reported
 Leak Rate Failed Tank: Not reported
 Gross Leak Rate: Not reported

Material:

Material Class Type: Hazardous Material
 Quantity Spilled: 0
 Unkonwn Quantity Spilled: True
 Units: Gallons
 Quantity Recovered: 0
 Unkonwn Quantity Recovered: False
 Material: RAW SEWAGE
 Class Type: RAW SEWAGE
 Times Material Entry In File: 1993
 CAS Number: Not reported
 Last Date: 19940728
 DEC Remarks: ACCORDING TO CALLER, DEC WATER UNIT ALREADY RESPONDED LAST WEEK BUT AT HIGH TIDE. THEY NEED TO SEE IT AT LOW TIDE. REFERED TO WATER UNIT.
 Remark: CALLER HAS NOTICED FOR THE PAST WEEK THAT THERE IS RAW SEWAGE GOING INTO THE BAY - REQ CALL BACK

11
 NNE
 1/4-1/2
 0.297 mi.
 1570 ft.

UNK
1206 CROSSBAY BLVD.
BROAD CHANNEL, NY

LTANKS **S104495749**
NY Hist Spills **N/A**

Relative:
Higher

LTANKS:

Site ID: 229771
 Spill No: 9407828
 Spill Date: 9/12/1994
 Spill Cause: Tank Failure
 Spill Source: Private Dwelling
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 10/3/1997
 Facility Addr2: Not reported
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 4101
 Investigator: TOMASELLO
 Referred To: Not reported
 Reported to Dept: 9/12/1994
 CID: 09
 Water Affected: Not reported
 Spill Notifier: Fire Department
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Involvement: False

Actual:
4 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNK (Continued)

S104495749

Remediation Phase: 0
Date Entered In Computer: 12/27/1948
Spill Record Last Update: 7/6/2004
Spiller Name: Not reported
Spiller Company: UNK
Spiller Address: Not reported
Spiller City,St,Zip: ***UPDATE***, ZZ
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 189385

DEC Memo: Not reported
Remarks: TANK FELL OVER. NYCDEP NOTIFIED. FDNY OONNSCENE. NO CALL BACK.

Material:

Site ID: 229771
Operable Unit ID: 1005531
Operable Unit: 01
Material ID: 377288
Material Code: 0001
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 250
Units: Gallons
Recovered: No
Resource Affected: Soil
Oxygenate: False

Tank Test:

Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:

Region of Spill: 2
Spill Number: 9407828
Investigator: XX
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 09/12/1994 00:00
Reported to Dept Date/Time: 09/12/94

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNK (Continued)

S104495749

SWIS: 63
Spiller Name: UNK
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: Air
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/03/97
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 12/27/48
Date Spill Entered In Computer Data File: Not reported
Update Date: 10/03/97
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Raw Sewage
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN MATERIAL
Class Type: UNKNOWN MATERIAL
Times Material Entry In File: 9140
CAS Number: Not reported
Last Date: 19941109
DEC Remarks: SPILL CLOSED DUE TO INSUFFICIENT DATA.
Remark: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D12
NNE
1/4-1/2
0.384 mi.
2027 ft.

35 W 11TH RD
35 W 11TH RD
QUEENS, NY
Site 1 of 2 in cluster D

LTANKS **S100493802**
HIST LTANKS **N/A**

Relative:
Higher

LTANKS:

Actual:
4 ft.

Site ID: 132047
 Spill No: 9204813
 Spill Date: 7/27/1992
 Spill Cause: Tank Failure
 Spill Source: Private Dwelling
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Spill Closed Dt: 6/15/2005
 Facility Addr2: Not reported
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 4101
 Investigator: LNKLAAS
 Referred To: Not reported
 Reported to Dept: 7/27/1992
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Local Agency
 Last Inspection: Not reported
 Recommended Penalty: Penalty Not Recommended
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 7/29/1992
 Spill Record Last Update: 6/15/2005
 Spiller Name: Not reported
 Spiller Company: Not reported
 Spiller Address: Not reported
 Spiller City,St,Zip: ***Update***, ZZ
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 113760

DEC Memo: Prior to Sept, 2004 data translation this spill Lead DEC Field was "M TIBBE" 06/15/05 Spill less than 25 gallons, reported over a year ago, never inspected. Closed per Closure Guidance Strategies. LNK.

Remarks: USCG NOTIFIED.

Material:

Site ID: 132047
 Operable Unit ID: 972338
 Operable Unit: 01
 Material ID: 561839
 Material Code: 0001
 Material Name: #2 Fuel Oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: -1
 Units: Pounds
 Recovered: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

35 W 11TH RD (Continued)

S100493802

Resource Affected: Surface Water
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill: 2
Spill Number: 9204813
Spill Date: 07/27/1992
Spill Time: 11:00
Spill Cause: Tank Failure
Resource Affectd: Surface Water
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: TIBBE
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 07/27/92
Reported to Department Time: 15:21
SWIS: 63
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Local Agency
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

35 W 11TH RD (Continued)

S100493802

Enforcement Date: //
Investigation Complete: //
UST Involvement: False
Date Region Sent Summary to Central Office: //
Corrective Action Plan Submitted: //
Date Spill Entered In Computer Data File: 07/29/92
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/13/92
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: USCG NOTIFIED.

**D13
NNE
1/4-1/2
0.385 mi.
2033 ft.**

**33 W 11TH RD
33 W 11TH RD
BROAD CHANNEL, NY
Site 2 of 2 in cluster D**

**LTANKS S100491435
HIST LTANKS N/A**

**Relative:
Higher**

LTANKS:

Site ID: 126906
Spill No: 9204776
Spill Date: 7/6/1992
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 8/5/1992
Facility Addr2: Not reported
Cleanup Ceased: 8/5/1992
Cleanup Meets Standard: True
SWIS: 4101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 7/27/1992
CID: 09
Water Affected: JAMAICA BAY
Spill Notifier: Federal Government

**Actual:
4 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

33 W 11TH RD (Continued)

S100491435

Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 7/29/1992
Spill Record Last Update: 8/5/1992
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 109626

DEC Memo: Prior to Sept, 2004 data translation this spill Lead DEC Field was "TIBBE/TOMASELLO"
Remarks: LEAKED TO SOIL AREA IN BACKYARD THEN INTO BAY. NYCFD & DEP NOTIFIED. 275 GAL TANK NOT IN USE ON DECK BUT HAS FAULTY VALVE. OWNER PUMPING OUT & INSTALLING NEW TANK. FD NOTIFIED.

Material:
Site ID: 126906
Operable Unit ID: 968408
Operable Unit: 01
Material ID: 409026
Material Code: 0001
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Not reported
Recovered: No
Resource Affected: Soil
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9204776
Spill Date: 07/06/1992
Spill Time: 12:00
Spill Cause: Tank Failure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

33 W 11TH RD (Continued)

S100491435

Resource Affectd: On Land
Water Affected: JAMAICA BAY
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 08/05/92
Cleanup Ceased: 08/05/92
Cleanup Meets Standard: True
Investigator: TIBBE/TOMASELLO
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 07/27/92
Reported to Department Time: 09:16
SWIS: 63
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Federal Government
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/29/92
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 08/05/92
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

33 W 11TH RD (Continued)

S100491435

Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: LEAKED TO SOIL AREA IN BACKYARD THEN INTO BAY. NYCFD DEP NOTIFIED. 275 GAL TANK NOT IN USE ON DECK BUT HAS FAULTY VALVE. OWNER PUMPING OUT INSTALLING NEW TANK. FD NOTIFIED.

14
NNE
1/4-1/2
0.479 mi.
2529 ft.

**914 CROSSBAY BLVD
QUEENS, NY**

**LTANKS S104620212
HIST LTANKS N/A**

**Relative:
Higher**

LTANKS:

**Actual:
5 ft.**

Site ID: 108181
Spill No: 9901953
Spill Date: 5/18/1999
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 5/24/1999
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 5/20/1999
CID: 389
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 5/20/1999
Spill Record Last Update: 3/3/2000
Spiller Name: JOE CLAVIN
Spiller Company: Not reported
Spiller Address: 914 CROSSBAY BLVD
Spiller City,St,Zip: QUEENS, NY
Spiller County: 001
Spiller Contact: JOE CLAVIN
Spiller Phone: (718) 634-7327
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 95099

DEC Memo: Prior to Sept, 2004 data translation this spill Lead DEC Field was "TIBBE" 5/24/99 Spoke to Ken Sposito - Slomins Oil who indicated that Slomin already called in spill #99018474 - Tomasello. Closed and cross-referenced. OWNER REMOVED SIOL, OIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104620212

Remarks: COMPANY REPLACED TANK.
hole in tank of residence oil company removed remaining oil

Material:
Site ID: 108181
Operable Unit ID: 1076723
Operable Unit: 01
Material ID: 305479
Material Code: 0001
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Soil
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9901953
Spill Date: 05/18/1999
Spill Time: 15:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/24/99
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: TIBBE
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 05/20/99
Reported to Department Time: 10:42
SWIS: 63

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S104620212

Spiller Contact: JOE CLAVIN
Spiller Phone: (718) 634-7327
Spiller Extention: Not reported
Spiller Name: Not reported
Spiller Address: 914 CROSSBAY BLVD
Spiller City,St,Zip: QUEENS, NY
Spiller Cleanup Date: / /
Facility Contact: JOE CLAVIN
Facility Phone: (718) 634-7327
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/20/99
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 03/03/00
Is Updated: False

Tank:

PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:

Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: 5/24/99 Spoke to Ken Sposito - Slomins Oil who indicated that Slomin already called in spill 99018474 - Tomasello. Closed and cross-referenced. OWNER REMOVED SIOL, OIL COMPANY REPLACED TANK.
Spill Cause: hole in tank of residence oil company removed remaining oil

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

15
 SE
 1/2-1
 0.865 mi.
 4566 ft.

LONDON-FRENCH DRY-CLEANING CO.
86-15 ROCKAWAY BEACH BOULEVARD
ROCKAWAY, NY 11694

SHWS S105586303
N/A

Relative:
Higher

SHWS:

Program: HW
 Site Code: 57069
 Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.

Actual:
7 ft.

Region: 2
 Acres: .300
 HW Code: 241035
 Record Add: 12/7/2001 9:57:00 AM
 Record Upd: 10/1/2008 1:42:00 PM
 Updated By: SXDEWES

Site Description: The site is located in a commercial/residential area, in the Hammels section of the Borough of Queens, New York. The site is bordered by a parking lot and Rockaway Beach Boulevard to the north, by a driveway and a sidewalk to the south, and by the shopping center to the east and west. The site is located in the middle of the Dayton Plaza shopping center. A Phase II Investigation was performed in the vicinity of the London French Cleaners in early 2000. This investigation revealed high levels of tetrachloroethene (PCE), trichloroethene (TCE), cis1,2-dichloroethene (DCE) and vinyl chloride in the groundwater beneath the site. This site is being addressed in the Voluntary Cleanup Program under site V00620. AS/SVE IRM led to a no further action, continued monitoring PRAP. Prap issued in May 2007 and a public meeting was held in June 2007. No significant comments were received. No further action ROD was signed 7/31/07. Remediation being conducted under voluntary site V00620.

Environmental Problems: Past operations on the site have contaminated the groundwater with hazardous levels of chlorinated solvents. A dry cleaner operating at the site resulted in releases of tetrachroethene (PCE) due to sub-standard handing processes. These releases impacted soil, groundwater, and soils vapor at the site.

Health Problems Assesment: Groundwater is contaminated with tetrachloroethene (PCE) and trichloroethene (TCE). All drinking water for residents living near the site is provided by upstate water supplies so exposure to contaminated groundwater is not expected. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. An indoor air and soil vapor investigation identified a completed vapor intrusion exposure pathway in neighboring tenant spaces of the strip mall. To remedy this, the existing soil vapor extraction system was restarted and sub-slab depressurization systems were installed in the adjacent tenant spaces. The remedial investigation has determined that the extent of contamination in groundwater and soil are below the site and it was demonstrated that the contamination is not beyond the site border.

Dump: False
 Structure: True
 Lagoon: False
 Landfill: False
 Pond: False
 Disp Start: 1983
 Disp Term: Present
 Lat/Long: 40:34:00. / 73:49:00.
 Dell: False
 Record Add: 12/7/2001 10:00:00 AM
 Record Upd: 12/7/2001 10:00:00 AM
 Updated By: AJSYLVES
 Own Op: 03
 Sub Type: E

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LONDON-FRENCH DRY-CLEANING CO. (Continued)

S105586303

Owner Name: Not reported
Owner Company: FGP ROCKBEACH INC.C/O RCC GROUP
Owner Address: 292 MADISON AVE., 5TH FLOOR
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10017
Owner Country: United States of America
Own Op: 04
Sub Type: E
Owner Name: Not reported
Owner Company: London-French Dry-Cleaning Company
Owner Address: 85-15 Rockaway Beach Boulevard
Owner Addr2: Not reported
Owner City,St,Zip: Queens, NY 11692
Owner Country: United States of America
Own Op: 01
Sub Type: NNN
Owner Name: Not reported
Owner Company: Rockaway Commons
Owner Address: 48 East Old Country Road, Suite 203
Owner Addr2: Not reported
Owner City,St,Zip: Mineola, NY 11501
Owner Country: United States of America
HW Code: 241035
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: F002
Crossref ID: NYD0727443508
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 12/10/2001 1:23:00 PM
Record Updated: 12/10/2001 1:24:00 PM
Updated By: AJSYLVES
Crossref ID: V00337
Cross Ref Type Code: 04
Cross Ref Type: VCP Site ID
Record Added Date: 5/31/2007 3:01:00 PM
Record Updated: 5/31/2007 3:01:00 PM
Updated By: IXMUNTEA

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROAD CHANNEL	S102560616	BROAD CHANNEL SHORELINE	EAST 20TH ROAD	11693	NY Spills, NY Hist Spills
QUEENS	1011904683	D AMBROSIO PROP - 103RD ST & 196TH	103RD ST @ 196TH AVE - NE CORN	11693	FINDS
QUEENS	1007790930	RIEKERS PROP - 30/32 W 12TH RD	30 & 32 WEST 12TH RD	11693	FINDS
QUEENS	1007795704	BRADFORD PROP - 33/35 W 19TH RD	33 & 35 WEST 19TH RD	11693	FINDS
QUEENS	1007743199	HARNISHER PROP - 53 & 54 W. 11TH R	53 & 54 WEST 11TH RD	11693	FINDS
QUEENS	1007818614	D AQUINO/MONTELLA PROP - CROSS BAY	605-07 CROSS BAY BLVD	11693	FINDS
QUEENS	1007821338	NYC DCAS - LANARK RD	FOOT OF LANARK RD	11693	FINDS
QUEENS	1007800121	KRAMER PROP - VAN BRUNT RD	19-31 VAN BRUNT RD	11693	FINDS
ROCKAWAY BEACH	S102962180	BEACH CHANNEL DR AND	BEACH 96TH ST	11693	NY Spills, NY Hist Spills
ROCKAWAY BEACH	S102143055	SEAWAY MARINA	SEAWAY MARINA	11693	NY Spills, NY Hist Spills