COST TO CURE REPORT
COMMERCIAL / MANUFACTURING FACILITY

BAYSIDE FUEL OIL COMPANY
1 – 65 NORTH 12TH STREET
BLOCK 2277, LOT 1
BROOKLYN, NEW YORK

DDC PROJECT NO. – BEGS2005027
CONTRACT REGISTRATION NO. 20040028082
TASK 3099

Prepared for:

NEW YORK CITY DEPARTMENT OF
DESIGN + CONSTRUCTION

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1.0 INTRODUCTION

On behalf of the City of New York Department of Design & Construction ("DDC"), Metcalf & Eddy of New York, Inc. ("M&E") has prepared this Cost to Cure ("CTC") report for the Bayside Fuel Oil Company ("BFOC") property ("the Site"). The Site is located on North 12th Street (Block 2277, Lot 1) between Kent Avenue and the East River in the Greenpoint-Williamsburg section of the Borough of Brooklyn, New York (see Figure 1). The purpose of this CTC report is to provide the DDC with an order of magnitude cost estimate to remediate contaminated soil and groundwater that is present as part of the construction of a generic commercial or manufacturing facility on the subject property.

This CTC report is based on the findings of the Site Investigation ("SI") Report prepared by M&E dated October 2006. The investigation conducted at the Site is representative of the type of environmental investigation that a purchaser would undertake prior to acquiring real property.

This report is divided into the following sections:

- Section 1 - Introduction
- Section 2 – Site Description
- Section 3 – Investigation Activities and Results
- Section 4 – Conceptual Site Development
- Section 5 – Conceptual Remedial Measures
- Section 6 – Remedial Cost Estimate

1.1 Background

Recognized environmental conditions ("RECs") related to historic fill, petroleum releases, and coal tar contamination from an offsite source have been identified by several previous investigations at the Site and surrounding area. Previous investigations identified by M&E are as follows:

- Phase I Environmental Site Assessment and Limited Phase II Subsurface Investigation Report, prepared by Valid Consulting Services, Inc. in October 1997.
- Technical Analyses and Proposed Remedial Actions for Texaco Facility No. 58079 Report prepared by Environmental Systems and Technologies, Inc. in May 1998.
- Investigation Report prepared by HANDEX in October 1998.
- Atlantic Petroleum Services, Inc. with the Annual Groundwater Monitoring Well Report in July 1999.
- Letter from HANDEX to NYSDEC transmitting a Site Status Report in November 1999.
- Letter from Atlantic Petroleum Services, Inc. to Bayside Oil Corporation with Annual Groundwater Monitoring Well Report in June 2000.
- Letter from HANDEX to NYSDEC with the Quarterly Progress Report summarizing work completed from April through June 2000 submitted in July 2000.
- Semi-annual monitoring report for work conducted from June through November 2000 prepared by HANDEX.
- Letter from HANDEX to the NYSDEC with enclosed semi-annual monitoring report for work conducted from December 2000 through May 2001 submitted in June 2001.
- Letter from Atlantic Product Services, Inc. to NYSDEC with Annual Groundwater Monitoring Well Report for 2001 submitted in June 2001.
- Soil Gas Investigation Report of Bayside Fuel Oil Corporation prepared by Exploration Technologies, Inc.
- Phase I ESA, Volume I, Phase I ESA Report prepared by TRC in May 2002.

The TRC Phase I ESA identified RECs from site inspection, records review, environmental database queries, and interviews. Following the Phase I ESA, TRC was retained by the TransGas Energy Systems LLC ("TGES") to perform a Phase II Baseline Environmental Site Assessment of the BFOC property in December 2002. Based on discussions with DDC and New York City Office of Environmental Coordination ("OEC"), only the TRC site investigation work conducted at the BFOC property was considered as acceptable data for evaluation and comparison with the results of M&E's SI. The TRC report made the following conclusions:

- There is a significant amount of offsite source material and/or coal tar dense non-aqueous phased liquid ("DNAPL") from a former manufactured gas plant ("MGP") at the southeast and southwest corners of the site. This material represents a continuing source of contamination onto the Site.
- Onsite groundwater and soils have been impacted by the MGP source material. Groundwater impacts from the offsite sources extend across the Site from the southeast corner to within approximately 60 feet of the Bushwick Creek Inlet.
- Onsite soils are significantly impacted by petroleum product storage and handling, and visibly impacted soil extends from near ground surface to 20 or more feet deep in many locations.
- Benzene was detected in groundwater at concentrations ranging from 6.5 micrograms per liter ("ug/L") to 29,500 ug/L. The highest concentration occurred where coal tar appeared in the boring.
- Offsite areas are contaminated with MGP material, petroleum, and materials inherent to fill. The offsite conditions are comparable to or greater than the contamination encountered at the Site.
- At present, groundwater does not appear to be adversely impacting surface water beyond what would be considered background conditions.

A review of Sanborn maps between the years of 1887 and 1996 portrayed a long history of multiple industrial uses for the Site and surrounding area. In 1887 the Site was occupied by Pratt Manufacturing and functioned in what is surmised to be a petroleum distillation facility. The maps depicted the Site with filling shops, a box factory, filling houses, gasoline tanks, a tin can factory, a machine shop, coal bins, coal trestles, steam stills, condensers, agitators, oil tanks, a packaging shed, pump houses and numerous storage tanks. By 1905 the Site was occupied by the Standard Oil Company "Pratt Works". The Site contained a wood box factory, storage tanks, numerous iron tanks, stills, steam stills, condensers, agitators, filling houses, coal piles, boilers, a tin can factory, a tin can repairing area, a wagon shed, a blacksmith shop, and office and storage areas.

The 1965 Sanborn map identified the Site as Paragon Oil Company, Division of Texaco, Inc. The tin can factory was shown as a warehouse and office building. The remaining structures were no longer depicted onsite. Twelve (12) aboveground storage tanks ("ASTs") were identified onsite that contained fuel oil, kerosene and gasoline. An automotive repair garage was constructed in 1967. Currently, the Site is occupied by the BFOC and is operated as a fuel depot.

M&E conducted a SI of the property from May 15, 2006 through July 21, 2006. The purpose of the SI, as requested by the OEC and DDC, was to evaluate the lateral and vertical extent of potential onsite contamination in subsurface soil and groundwater as a result of historic and current onsite and offsite operations.

2.0 SITE DESCRIPTION

2.1 General Physical Setting

The property owner is identified as the "North 12th Street Property" by the City of New York Department of Finance ("DOF"). The Site is identified by the DOF as Block 2277, Lot 1. The Site is cuurrently used as a fuel depot with a truck loading area. Twelve (12) ASTs containing fuel oil, kerosene and gasoline are located at the Site. The topography of the Site is generally flat with a gentle northwesterly slope towards Bushwick Creek and the East River. The Site is paved with asphalt with the exception of a small portion covered by crushed stone and gravel. The Site is bordered by the Bushwick Creek to the north, North 12th Street and warehouses owned by CitiStorage to the south, commercial and light manufacturing operations to the east, and the East River to the west.

2.2 Geology

Two major stratigraphic units were identified during the SI which consist of, in order of increasing depth, fill and native soil. Bedrock was not encountered during this investigation.

2.2.1 Fill Material

Based on the findings of the SI, the subsurface consists of a layer of fill material to depths ranging from 11 to 19 feet below grade. Fill was encountered in each of the soil borings advanced during the SI. The fill generally consists of sand and silty sand with crushed stone, wood, concrete, ash, cinders, and brick. The thickness of the fill decreased from south to north at the Site.

2.2.2 Native Soils

The fill is underlain by black organic silt ranging in thickness from 2 to 10 feet. Silt with alternating strata of fine sandy silts and silty clays is present beneath the layer of black organic silt to depths of approximately 50 to 70 feet below ground surface ("bgs"), after which point a gray to reddish brown stiff silty clay occurs.

2.3 Hydrogeology

The Site hydrogeology is discussed in terms of closest surface water body (East River) and the groundwater aquifers located beneath the Site. Groundwater was encountered at the Site between depths ranging from two (2) to eight (8) feet bgs. Based upon the groundwater elevations obtained from existing and installed monitoring wells at the Site, groundwater flows in a primarily northward direction towards the Bushwick Creek and westward towards the East River.

3.0 INVESTIGATION ACTIVITIES AND RESULTS

The purpose of the SI as requested by the DDC was for the initial evaluation of the lateral and vertical extent of contamination in subsurface soil and groundwater that may exist from the historic and current on-site and off-site operations prior to the redevelopment of the Site.

The investigation was performed in general accordance with New York State Department of Environmental Conservation ("NYSDEC") Draft DER-10 Technical Guidance for Site Investigation and Remediation dated December 2002. The investigation findings were evaluated based on the Technical and Administrative Guidance Memorandum ("TAGM") No. 4046 (Recommended Soil Cleanup Objectives ["RSCO"] and Soil Cleanup Objectives to Protect Groundwater Quality ["SCOPGQ"]), Spill Technology and Remediation Services ("STARS") Memorandum No.1, Toxicity Characteristic Leachate Procedure ("TCLP") Alternative Guidance Values, and the NYSDEC Technical and Operational Guidance Series ("TOGS") 1.1.1 Memorandum (Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations).

3.1 Summary of Site Investigation Activities

The SI field activities were conducted from May 15, 2006 through July 21, 2006 and consisted of the advancement of soil borings and installation of monitoring wells for the collection of soil and groundwater samples, respectively (Figure 2). Soil and groundwater samples were collected from the borings, monitoring wells installed by M&E, and existing monitoring wells from TRC's 2002 investigation and submitted for laboratory analysis to characterize soil and groundwater conditions at the Site.

The SI field work included:

- Advancement of 13 onsite soil borings (B-7A, B12A, B-13A, B-15A, B-16A, B-24A, B-28 to B-34) and 6 offsite soil borings (BPB-4, BPB-5, BPB-6, BPB-9, BPB-13, and B-20A) using both track mounted and truck mounted hollow stem auger drill rigs;

- Installation of 3 onsite monitoring wells (MW-28, MW-31 and MW-33) and 2 offsite monitoring wells (MW-2 and MW-4) using track mounted and truck mounted hollow stem auger drill rigs;
- Collection of groundwater samples from 23 onsite and offsite monitoring wells installed by M&E or installed as part of previous investigations;
- Containment of drill cuttings, decontamination water, and well development/purged groundwater into 55-gallon drums; and,
- Survey of all soil borings and monitoring well locations.

The following samples were collected from each of these investigation points.

- 43 soil samples (including 2 duplicates) were collected from the 19 soil boring locations advanced as part of this investigation;
- 23 groundwater samples (including 4 duplicate samples) were collected from 5 shallow monitoring wells installed by M&E and 14 existing shallow monitoring wells; and,
- 1 composite soil sample and 1 composite water sample were collected from the drill cuttings, decontamination water, and groundwater generated during the field program for the purposes of waste classification.

3.2 Results of the Investigation Activities

3.2.1 Soils

In order to evaluate the subsurface soil quality, laboratory analytical results were compared with NYSDEC regulatory standards identified in:

- TAGM No. 4046 RSCO, SCOPGQ; and Eastern U.S. Background Concentrations; and,
- STARS Memorandum No.1, TCLP Alternative Guidance Values.

The laboratory results of the samples are summarized in Tables 1 through 3 and on Figures 3A and 3B. The analytical data revealed the following:

- Target Compound List ("TCL") VOCs consisting of benzene, toluene, ethylbenzene, m&p xylene, o-xylene, isopropylbenzene, n-propylbenzene, 1, 3, 5-trimethylbenzene, 1, 2, 4-trimethylbenzene, sec-butylbenzene, 4-isopropyltoluene, and naphthalene were detected in 17 of 43 soil samples at concentrations above the NYSDEC TAGM RSCOs, TAGM SCOPGQs, and/or STARS TCLP Alternative Guidance Values. Acetone and methylene chloride were also detected above the TAGM RSCO and SCOPGQ criteria, but these compounds are likely the result of laboratory contaminants since the history of the Site does not suggest the use of acetone or methylene chloride. The detections of elevated VOCs are likely the result of historical petroleum releases from the Site and from the former MGP;
- TCL SVOCs consisting of the PAH compounds naphthalene, 2-methyl naphthalene, dibenzofuran, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, acenaphthylene, acenapthene, anthracene, fluoranthene, fluorene, phenanthrene, pyrene, and chrysene were detected in 18 of the 43 soil samples that exceeded either the NYSDEC TAGM RSCO and SCOPGQ criteria or the STARS TCLP Alternative Guidance Values. The detections of elevated SVOCs are likely the result of historical releases of petroleum from the Site and the former MGP;
- No PCBs were detected above the NYSDEC TAGM criteria;
- Target Analyte List ("TAL") Metals consisting of arsenic, beryllium, cadmium, chromium, iron, cobalt, copper, lead, mercury, nickel, selenium and zinc were detected above either the TAGM RSCO or the NYSDEC Eastern USA Background Criteria. The metals are likely attributed to contaminants from historic fill placed at the Site as well from historical releases;
- Total cyanide was detected in 3 of the 43 soil samples collected. Though no NYSDEC standard exists for cyanide, the detected concentration may be related to the purifier waste from the former MGP operations;
- The detection of VOCs, SVOCs, particularly PAHs above the NYSDEC TAGM and STARS TCLP Alternative Guidance Value criteria indicate that the soil has been impacted

by onsite historical petroleum releases, from historical releases from the former offsite MGP operations, and from the result of historic fill material (consisting of ash and cinders) which typically contains elevated levels of PAHs. Thus, there is a potential exposure risk during construction activities, especially in the areas where SVOCs were elevated; and,

- A limited exposure risk is also posed by metals such as arsenic, beryllium, cadmium, chromium, iron, cobalt, copper, lead, mercury, nickel, selenium and zinc which were detected above the RSCO and Eastern U.S. Background criteria. The presence of these compounds, along with other metals detected below NYSDEC criteria suggests that the source of these metals is from historic fill material placed at the Site as well as from releases from historical onsite operations.

3.2.2 Groundwater

The groundwater results were compared with the following regulatory criteria:

- NYSDEC TOGS 1.1.1 Memorandum.

The laboratory results of the samples are summarized in Tables 4 through 7 and on Figure 4. The analytical data revealed the following:

- VOCs were detected in above the NYSDEC TOGS consisting of methyl-tertiary-butyl-ether ("MTBE"), benzene, toluene, ethylbenzene, xylene ("BTEX"), styrene, isopropylbenzene, 1, 3, 5-trimethylbenzene, 1, 2, 4-trimethylbenzene, sec-butylbenzene, 4-isopropyltoluene, n-butylbenzene, and naphthalene, along with several PAH compounds, and metals. The highest concentrations of these compounds were detected in BPB-13/MW-4 located along North 12th Street. The presence of BTEX combined with several signature PAH compounds is generally associated with petroleum hydrocarbons products and MGP/coal tar contamination;
- TCL SVOCs consisting of phenol, naphthalene, acenaphthene, fluorene, phenanthrene, anthracene, benzo(a)anthracene, and benzo(b)fluoranthene were detected in 5 of the 23

groundwater samples exceeding the NYSDEC TOGS Criteria. The presence these PAH compounds is generally associated with petroleum hydrocarbons products and MGP/coal tar contamination;

- PCBs compounds were not detected in any of the groundwater samples collected during the field investigation.
- TAL metals were detected in all 23 groundwater samples that exceeded the NYSDEC TOGS Criteria. Specifically, arsenic, barium, beryllium, cadmium, chromium, copper, iron, magnesium, lead, manganese, and sodium were detected above the NYSDEC TOGS Criteria.

3.3 Conclusions

The data collected during this SI indicate that while the Site contains contaminated historic fill (6 to 16 feet bgs) and petroleum hydrocarbons throughout the Site (0 to 25 feet bgs), there are areas of MGP/coal tar contamination co-mingled with petroleum hydrocarbon contamination (19 to 52 feet bgs) along North 12th Street and in the southeast and southwest portions of the Site. The Site has predominately been impacted by bulk petroleum storage operations.

The contaminants detected at the Site were introduced to the environment by a variety of means including fill mixed with ash and cinders that was brought to the Site, releases of petroleum from the onsite petroleum storage operations, and offsite MGP impacts encroaching onto the Site in the form of coal tar DNAPL and dissolved contaminants in groundwater. The MGP impacts occur mostly at depth of 25 feet bgs. These contaminants can vaporize, run-off in surface water, and/or percolate into the overburden soils. Surface water run-off at the Site will tend to mirror the topography and flow overland northward and westward towards the Bushwick Creek and the East River, respectively. SVOCs and metals are more likely to be transported via run-off than VOCs. VOCs tend to partition into the vapor phase whereas the SVOCs and metals are sorbed to the soil particles and suspend in groundwater which discharges into the Bushwick Creek and the East River.

Based upon the contamination detected in soil borings and monitoring wells installed during this investigation, 3 receptors that could be impacted. They are:

- Impacts to the surface waters of the Bushwick Creek and the East River;
- Impacts to human receptors from direct dermal, ingestion, and inhalation contact; and,
- Impacts to groundwater.

The Bushwick Creek and the East River may be impacted by contaminated groundwater flowing towards both water bodies.

Human receptors may be exposed to contaminants via dermal contact through swimming or wading in the Bushwick Creek or the East River or through contact with the historic fill, petroleum hydrocarbons, and MGP coal tar contamination, by digging or other invasive activities at the Site.

Based upon the results of the groundwater samples, groundwater has been impacted by documented and undocumented petroleum releases from onsite fuel storage operations and from offsite MGP impacts encroaching onto the Site in the form of coal tar DNAPL and dissolved contaminants in groundwater.

4.0 CONCEPTUAL SITE DEVELOPMENT

The DDC has requested that M&E develop a conceptual site plan associated with the redevelopment of the site as a commercial / manufacturing facility in accordance with the present zoning classification of the property. The development of a conceptual site plan will assist M&E in preparing an order of magnitude cost estimate for the remediation of contaminated soil and groundwater that may be encountered should redevelopment of the Site occur.

In order to prepare the conceptual site plan, M&E used the following assumptions based upon information provided by the DDC and collected during the field investigation:

- The area of the Site is 294,704 square feet ("SF"), which consists of approximately 270,000 SF of upland and approximately 24,000 SF of land underwater (as reported by the City of New York Department of Citywide Administrative Services ["DCAS"]). For the purposes of this report, only the upland portion of the Site will be impacted by the conceptual development.
- The property is zoned M3-1 heavy manufacturing (per the New York City Department of City Planning ["DCP"]). The City restricts manufacturing operations that may have potentially noxious uses in the M3-1 Zone; however, some commercial operations such as the document archiving warehouse facility ("CitiStorage") located immediately south of the Site are allowed in these zones. Thus, the conceptual site plan has been developed for either a commercial or manufacturing operations.
- The Floor Area Ratio in the M3-1 Zone is 2.0 which allows for a maximum of 540,000 SF of floor space to be developed within the 270,000 SF upland portion of the Site.
- Height and setback requirements for manufacturing facilities are similar to those required for residential and commercial districts. For this report, we assumed the height and setback requirements to be 210 feet and 30 feet, respectively.
- The topographic map prepared for the Site indicates that approximately 50% of the upland portion of the Site (135,000 SF) is classified as a flood zone. It is assumed that any

building constructed on the Site would be constructed outside the boundary of the flood zone. However, a waiver may be obtained to extend the building into the flood zone (such as the apparent case with the CitiStorage properties).

- Based upon the soil lithology, depth to groundwater, and construction information obtained concerning the buildings on adjacent properties, it is anticipated that any structure constructed on the Site would be built upon a concrete slab at grade, supported by concrete piles. Thus, no basement would be constructed and there would be no need for the excavation of soil or dewatering activities to take place. The number and depth of the piles would be determined as part of a final design. However, for the purposes of this report such information is not required.
- The historic fill remaining onsite will be geotechnically suitable for construction purposes and is not considered hazardous.
- All subsurface utilities entering the conceptual building would be obtained from the underground utilities located along Kent Avenue.
- North 12th Street would require repaving in order to provide vehicle access for a proposed parking lot.

Based upon these assumptions, M&E's conceptual site plan for the property is as follows:

- The building would consist of four (4) stories, each with a floor plate of 70,500 SF, yielding a cumulative floor area of 282,000 SF. An additional 18,000 SF would be required for loading docks and vehicular access, yielding a total floor area of 300,000 SF and a FAR of 1.11. As previously discussed, it is assumed that the building will not extend into the identified flood zone.
- Setback and side yard areas would comprise 23,400 SF of the site. These areas would be paved with concrete or asphalt (similar to the adjacent CitiStorage properties) and would act as a cap to limit any direct contact of the contaminated fill to employees, visitors, and/or trespassers.

- An asphalt parking lot would comprise 68,000 SF of the Site. In addition to providing parking for employee vehicles, the parking lot would act as a cap to limit any direct contact of the contaminated fill to employees, visitors, and/or trespassers.
- The remaining 113,500 square feet of the property would either be landscaped for use by employees of the facility or reconstructed as vegetated open space. This area would be located adjacent to the East River and would act as a buffer between the developed portions of the Site and the East River. For the purposes of the CTC, this area would remain as vegetated open space and be capped with a minimum of two (2) feet of certified clean fill.

Figure 5 provides a conceptual site plan for the subject property. Please note that this is a simple conceptual design for the development of either a commercial or manufacturing facility based upon the assumptions previously identified. This conceptual design was developed only as a means to evaluate the potential costs to manage contaminated soil and groundwater at the Site, should the property be developed. There are numerous other development plans that could be pursued on this property. However, it is likely that any costs associated with managing contaminated soil and groundwater at the Site would be similar to the costs that M&E has identified in this conceptual plan.

5.0 CONCEPTUAL REMEDIAL MEASURES

The majority of the remedial activities would be associated with excavation and offsite disposal of contaminated historic fill. Based on the findings of the SI report, petroleum contaminated, non-hazardous soil is present throughout the Site. Depth to groundwater ranges from five (5) to ten (10) ft bgs at the Site and dewatering may be minimal. The conceptual design assumes construction on an at-grade slab. Additionally, excavations for utilities would likely extend less than five (5) ft bgs.

For the purposes of this CTC Report, we have assumed that the entire site will be capped with a minimum of two (2) feet of clean fill or one (1) foot of clean fill/one (1) foot of pavement to act as a barrier to reduce potential employee, visitor, and trespasser contact with contaminated historic fill and petroleum contaminated non-hazardoous soil. In order to maintain existing grades for drainage and access purposes, this would result in the excavation of soil across most of the Site, and reuse of some of the cut material to bring low lying areas up to developed grade. This will reduce the costs offsite disposal for the soil. Figure 6 provides a generalized site elevation illustrating the present topographic profile of the Site and a profile illustrating the conceptual design.

The conceptual remedial measures have been divided into four (4) construction categories:

- Site Building;
- Parking Area;
- Open Space/Landscaped area; and,
- Slurry Wall and Groundwater Treatment System.

5.1 Site Building

The elevation of the conceptual facility elevation decreases to the west from approximately 10 feet above mean sea level ("msl") at Kent Avenue to three (3) feet above msl, approximately 1,100 feet west of Kent Avenue. If the foundation slab is set at the elevation of Kent Avenue (10

feet above msl), an additional 8,600 cubic yards ("CY") of historic fill and clean fill (as a two foot barrier) would be needed to raise the elevation of that area (Figure 6). It is estimated that 1,300 CY of fill will be removed, of which all of it will be relocated to raise the property grade. The remaining 7,300 CY would consist of clean fill to act as the two (2) foot buffer to the historic fill. Historic fill and petroleum contaminated soil excavated from the site building area would require offsite disposal.

5.2 Parking Area

In addition to providing vehicular parking, the parking lot would also serve to cap the historic fill outside the building floor plate. The parking area would also allow vehicle access to loading docks and storage areas.

The conceptual parking area would be located where the existing grade is fairly flat and ranges in elevation between five (5) and seven (7) feet above msl. The conceptual design grade of the parking area would be at an elevation of approximately six (6) feet above msl, requiring about 5,500 CY of the historic fill and petroleum contaminated soil to be removed and disposed off-site. To balance the grade in the parking area, 2,750 CY of clean fill would be imported and placed in a one (1) foot lift, and overlain by six (6) inches of crushed stone and six (6) inches of asphalt.

5.3 Open Space/Landscaped Area

The open space/landscaped area would act as a buffer between the East River, Bushwick Creek, adjacent areas, and the developed portions of the Site. It could be landscaped to allow for recreational use for the employees or left as open space as part of the remedial measures.

The elevation of this area is fairly flat (3 to 5 feet above msl), with the exception of a few feet from the bulkhead that grades steeply to approximately two (2) ft above msl. It is estimated that that 8,400 cubic yards of historic fill and petroleum contaminated soil would be removed from this area for disposal off-site. A two (2) foot layer of clean fill would replace the historic fill in order to maintain the original grade of the area. Subsequent to regarding, appropriate landscaping measures would be taken to stabilize the soil.

5.4 Slurry Wall and Groundwater Treatment System

Contaminated groundwater at the Site currently discharges to both the East River and Bushwick Creek. The contaminated groundwater would be contained at the boundary of the Site by the installation of a slurry wall along the East River and Bushwick Creek. The slurry wall would be installed throughout the total length of 1,170 feet along the northern and western boundaries of the Site to the underlying clay layer at an approximate depth of 60 feet bgs.

In addition to the slurry wall, a series of groundwater suppression and product recovery wells would need to be installed to prevent mounding of groundwater beneath the Site. The presence of dissolved contaminants in the groundwater would require the construction of an on-site treatment system to allow discharge of the treated groundwater to the sanitary sewer system.

It is assumed that 10 groundwater suppression wells and four (4) product recovery wells would be installed to a depth of 60 feet, with submersible pumps installed within each well. The groundwater would be pumped to a treatment system consisting of oil water separation, granular activated carbon, and bag filtration. Final discharge is assumed to be to the sanitary sewer system.

5.5 Remedial Concerns

The NYSDEC has been involved with the investigation of the Site since the 1990s and provided oversight during the 2002 investigation conducted by TRC. In addition, the NYSDEC has reached an agreement with KeySpan Energy to investigate and remediate the former MGP south of the Site since it acquired responsibility for site through acquisition of Brooklyn Union Gas which previously owned and operated the facility. Thus, the NYSDEC would be involved in any future development of the Site. In addition, the New York City Department of Environmental Protection ("NYCDEP") will likely become involved at this Site due to the type of contamination identified, especially during the design and implementation of any construction activities at the Site. Therefore, for additional costing purposes, the following tasks may be required for the site.

5.5.1 Agency Interaction

There will be the need to interact with the NYSDEC and/or the NYCDEP for the proposed re-use of historic fill at the Site, its offsite disposal, and the treatment of contaminated groundwater. Thus, we have assumed a cost for coordinating construction activities with these agencies.

5.5.2 Additional Investigation

It is our opinion that the SI activities conducted at the Site, along with previous investigation activities fulfill the sampling requirements of the NYSDEC and the NYCDEP. However, once specific site plans have been developed for the Site, additional SI activities may be required by NYSDEC, NYCDEP, or the prospective site developer.

5.5.3 Use of Health and Safety Trained Construction Workers

It is likely that excavation and grading activities will require health and safety trained construction workers. Although it is not difficult to locate construction companies that employ such people, the additional cost may be up to 30% above a laborer cost at a typical construction site.

5.5.4 Health and Safety – Dust Monitoring

Due to the presence of contaminated historic fill, there will likely be a need to monitor the amount of dust that is generated during construction activities at the site. A Community Air-Monitoring Program ("CAMP") is a regulatory requirement that will need to be developed and implemented during construction activities. The CAMP is performed as a result of the presence of contaminants in site soils. Personnel will need to operate and calibrate air monitoring equipment to assess if levels of dust are exceeding the requirements of the CAMP. For the purposes of this report, we have assumed a cost for monitoring dust generated during construction activities.

5.5.5 Vapor Intrusion

Based upon the shallow depth of groundwater and the presence of VOCs and SVOCs exceeding the NYSDEC TOGS 1.1.1 criteria in a number of groundwater samples, the NYSDEC and the NYCDEP will likely require measures to be taken to prevent vapor intrusion into the conceptual

commercial/manufacturing facility. Any additional costs required to prevent vapor intrusion are dependent upon the actual design of a building to be constructed at the site.

6.0 REMEDIAL COST ESTIMATE

Based upon the conceptual site plan and remedial measures discussed in Sections 4 and 5, the following table summarizes the order of magnitude costs that could be encountered.

SITE BUILDING					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Excavation, Grading, and Loading of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	1,300	Cubic Yard	No Cost	No Cost	The costs associated with this task would be associated with typical site development activities even if the historic fill was not contaminated with ash, cinders, or petroleum hydrocarbons.
Clean Fill	10,200	Ton	$30	$306,000	This cost is only for the 2 foot cap that would act as a barrier to the historic fill. It is based upon 7,300 cubic yards at 1.4 tons per cubic yard.
SUBTOTAL ESTIMATE				**$306,000**	

PARKING AREA					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Excavation, and Loading of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	7,700	Ton	$20	$154,000	This is for 5,500 cubic yards of historic fill/petroleum contaminated soil that can't be reused at the site. It assumes 1.4 tons per cubic yard.
Transportation and Disposal of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	7,700	Ton	$50	$385,000	This is for 5,500 cubic yards of historic fill/petroleum contaminated soil that can't be reused at the site. It assumes 1.4 tons per cubic yard.
Clean Fill	3,850	Ton	$30	$115,500	A 1 foot lift of clean fill will subsequently be covered by crushed stone and asphalt pavement. It is based upon 2,750 cubic yards at 1.4 tons per cubic yard.
Crushed stone for parking lot base	1,370	Cubic Yard	No Cost	No Cost	Normal site development would require the construction of a parking lot whether or not contaminated historic fill exists.
Asphalt Pavement – 6 inches thick	8,250	Square Yard	No Cost	No Cost	Normal site development would require the construction of a parking lot whether or not contaminated historic fill exists.
SUBTOTAL ESTIMATE				**$654,500**	

OPEN SPACE/LANDSCAPED AREA					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Excavation, and Loading of Historic Fill/ Non-Hazardous Petroleum Contaminated Soil	11,760	Ton	$20	$235,200	This is for 8,400 cubic yards of historic fill/petroleum contaminated soil that can't be reused at the site. It assumes 1.4 tons per cubic yard.
Transportation and Disposal of Historic Fill/Non-Hazardous Petroleum Contaminated Soil	11,760	Ton	$50	$588,000	This is for 8,400 cubic yards of historic fill/petroleum contaminated soil that can't be reused at the site. It assumes 1.4 tons per cubic yard.
Clean Fill – 2 foot cap	11,760	Ton	$30	$352,800	Clean fill to limit exposure to historic fill.
Landscaping – Hydroseeding	14,700	Square Yard	$0.50	$7,350	Hydroseeding for grass cover only.
SUBTOTAL ESTIMATE				**$1,183,350**	

SLURRY WALL AND GROUNDWATER TREATMENT SYSTEM					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Groundwater Slurry Wall	70,200	Square Foot	$10	$702,000	Cost estimated based upon 1,170 foot length and 60' depth.
Groundwater Suppression Wells	10	Ea.	$2,700	$27,000	Cost estimated based on 60' depth and $45/LF.
Product Recovery Wells	4	Ea.	$2,700	$10,800	Cost estimated based on 60' depth and $45/LF.
Submersible Pumps	14	Ea.	$640	$8,960	Pumps for groundwater suppression and product recovery
Piping	7000	Linear Foot	$0.50	$3,500	Cost estimated based on average distance from well to treatment system of 500 feet.
Groundwater Treatment System	1	Lump Sum	$21,000	$21,000	System to treat dissolved contaminants and store free product.
Operation and Maintenance	1	Lump Sum	$60,000	$60,000	Cost estimated on an assumed O&M schedule of 20 years at $3,000 per year.
SUBTOTAL ESTIMATE				**$833,260**	

REMEDIAL CONCERNS					
Environmental Task	**Quantity**	**Unit**	**Unit Cost ($)**	**Extended Cost ($)**	**Comments**
Agency Interaction	1	Lump Sum	$40,000	$40,000	Estimated cost should involvement by the NYSDEC and/or NYCDEP be required.
Additional Investigation	1	Lump Sum	$60,000	$60,000	Estimated cost should the NYSDEC, NYSDEC, or the developer require further investigation based upon site design.
Use of Health & Safety Trained Construction Workers	1	Lump Sum	$450,000	$450,000	This cost is based upon 30% of the costs associated with the excavation and disposal of historic fill.
Health & Safety Dust Monitoring	1	Lump Sum	$100,000	$100,000	Cost estimated for budgeting purposes only.
Vapor Intrusion	88,500	Square Foot	$5.00	$442,500	This cost would only apply if the NYSDEC or the NYCDEP require the installation of a vapor barrier. This is not likely at the Site based upon the field and analytical results from the SI.
SUBTOTAL ESTIMATE				**$1,092,500**	
TOTAL ESTIMATE				**$4,069,610**	
CONTINGENCY (25% OF TOTAL ESTIMATE)				**$1,017,400**	
TOTAL ESTIMATED COST TO CURE				**$5,087,010**	

This conceptual cost to cure estimate is based upon only those activities that would be outside typical construction activities as a result of contaminated soil, groundwater, and historic fill at the Site. The costs are only to be used for budgeting purposes, as identified by the DDC. Significant differences may arise between the conceptual and actual costs of managing the soil, groundwater, and historic fill depending upon the actual redevelopment scenario.

FIGURES

TABLES

TABLE 1

SOIL ANALYTICAL RESULTS

VOLATILE ORGANIC COMPOUNDS

TABLE 2

SOIL ANALYTICAL RESULTS

SEMI-VOLATILE ORGANIC COMPOUNDS

TABLE 3

SOIL ANALYTICAL RESULTS

TARGET ANALYTE LIST METALS

TABLE 4

GROUNDWATER ANALYTICAL RESULTS

VOLATILE ORGANIC COMPOUNDS

TABLE 5

GROUNDWATER ANALYTICAL RESULTS

SEMI-VOLATILE ORGANIC COMPOUNDS

TABLE 6

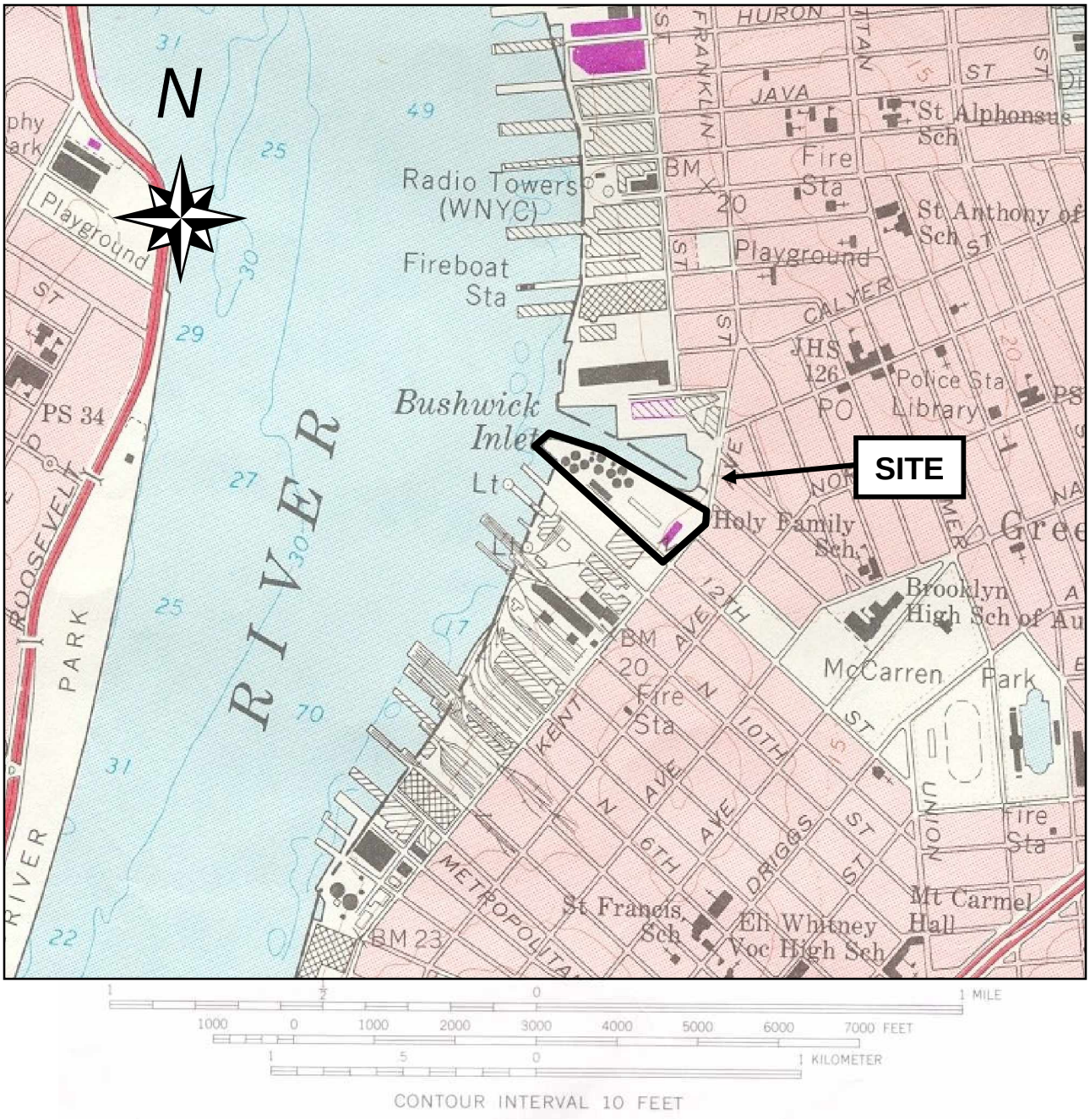
GROUNDWATER ANALYTICAL RESULTS

POLYCHLORINATED BIPHENYLS

TABLE 7

GROUNDWATER ANALYTICAL RESULTS

TARGET ANALYTE LIST METALS

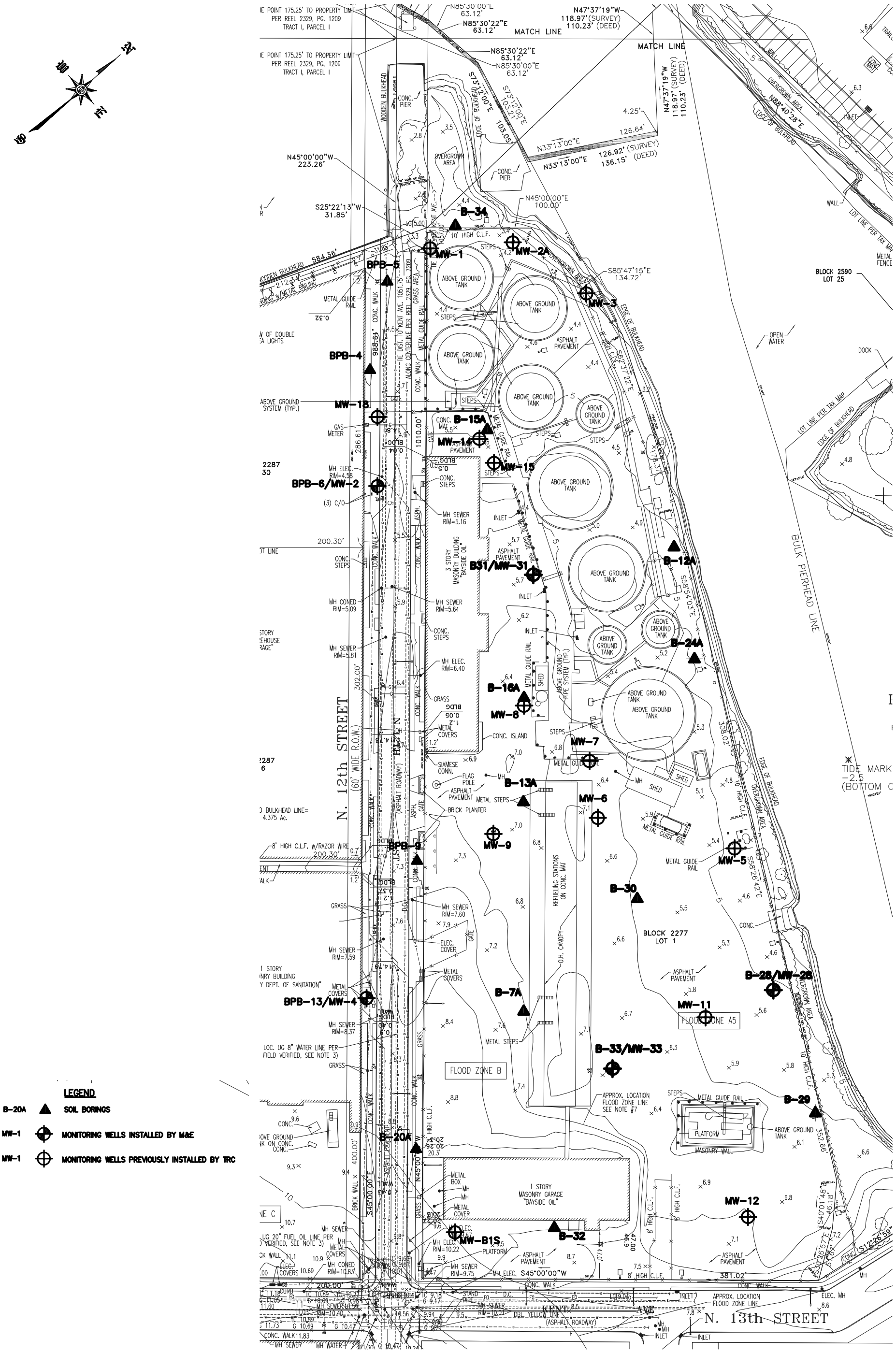


Brooklyn, NY
7.5 Minute U.S.G.S. Quadrangle – 1967, photorevised 1979

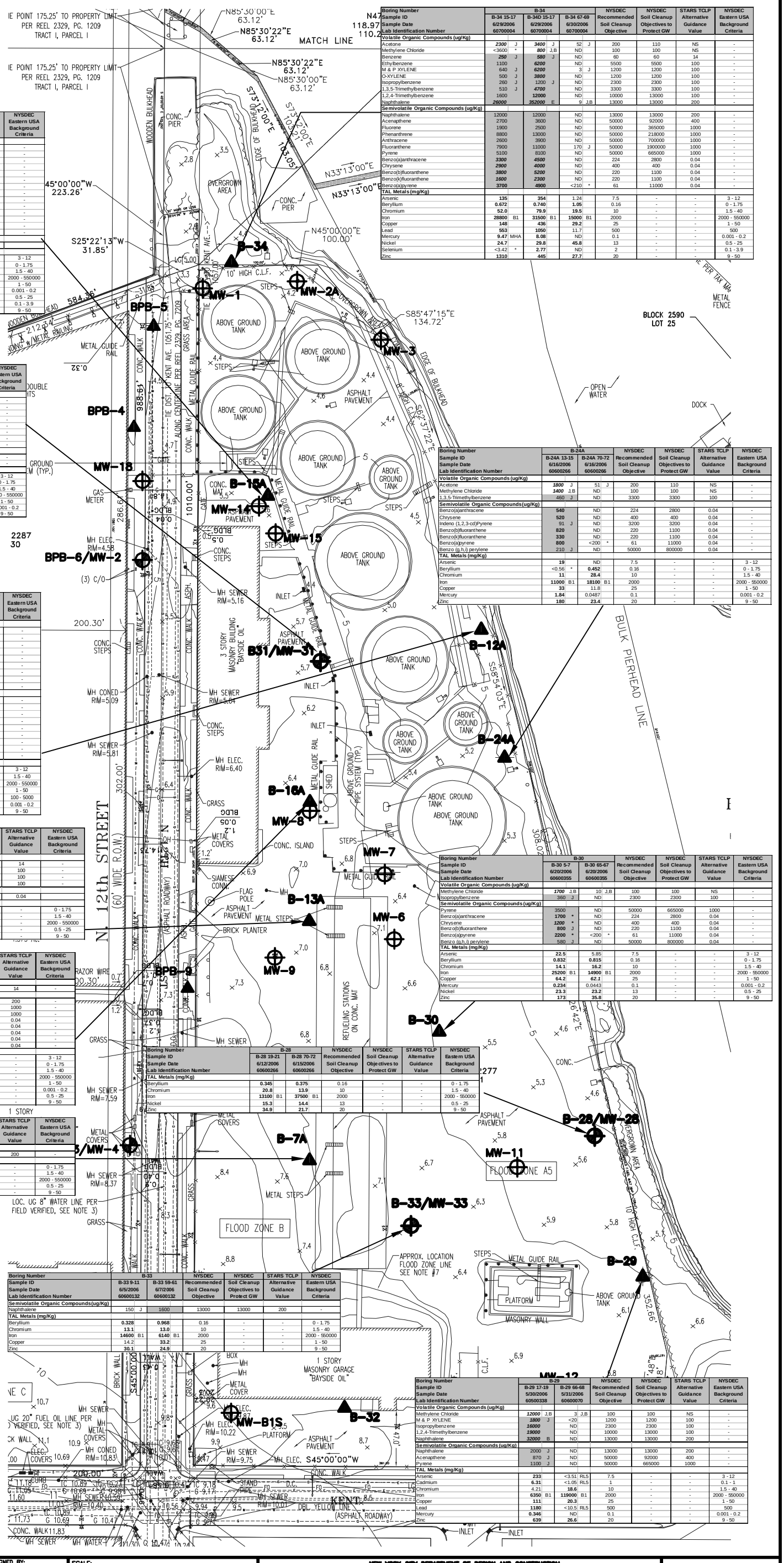
METCALF & EDDY | AECOM

WOL NOS. 3099-M&E2R-3252
3099-M&E2R-3515
3099-M&E2R-3923

Figure 1
Site Location Map
Bayside Fuel Oil Company
1 – 65 North 12th Street
Brooklyn, New York
DDC Project No. BEGS2005027



METCALF & EDDY | AECOM	DESIGNED BY: E. ACS DRAWN BY: B.PAPA DEPT. CHECK: S.MUSTHYALA PROJ. CHECK: N. ABRAMS	SCALE: 0 40 80 120 SCALE IN FEET SCALE:1"=40'-0" UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION	NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION COST TO CURE REPORT–COMMERCIAL/MANUFACTURING BAYSIDE FUEL OIL COMPANY, BROOKLYN, N.Y. **SOIL BORINGS AND MONITORING WELL LOCATIONS** **WOL NOS. 3099–M&E2R–3253** **3099–M&E2R–3515** **3099–M&E2R–3923** CIVIL NOVEMBER 2006	JOB 60004495 FILE NO. CAD FILE CZBACTC2 SHEET FIG.2



Boring Number	B-15A	B-15A	NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-15A 9-11	B-15A 61-63	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/5/2006	6/6/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600070	60600132	Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)						
Acetone	***13000***	ND	200	110	NS	-
Benzene	***8300***	ND	60	60	14	-
Toluene	***59000***	2 J	1500	1500	100	-
Ethylbenzene	***69000***	ND	5500	5500	100	-
M & P XYLENE	***340000***	ND	1200	1200	100	-
O-XYLENE	***120000***	ND	1200	1200	100	-
Isopropylbenzene	***41000***	ND	2300	2300	100	-
n-Propylbenzene	***73000***	ND	3700	3700	NS	-
1,3,5-Trimethylbenzene	***180000***	ND	3300	3300	100	-
1,2,4-Trimethylbenzene	***790000***	ND	10000	13000	100	-
sec-Butylbenzene	***40000***	ND	10000	11000	NS	-
4-Isopropyltoluene	***67000***	ND	10000	10000	NS	-
n-Butylbenzene	***46000***	ND	10000	12000	NS	-
Naphthalene	***440000***	ND	13000	13000	200	-
Semivolatile Organic Compounds (ug/Kg)						
Naphthalene	***27000***	2200	13000	13000	200	
TAL Metals (mg/Kg)						
Arsenic	**179**	5.40	7.5	-	-	3 - 12
Beryllium	<0.381 *	**1.21**	0.16	-	-	0 - 1.75
Chromium	7.42	**13.1**	10	-	-	1.5 - 40
Iron	**9570** B1	**4990** B1	2000	-	-	2000 - 550000
Copper	**105**	22.9	25	-	-	1 - 50
Mercury	**4.94**	ND	0.1	-	-	0.001 - 0.2
Nickel	6.78	**25.5**	13	-	-	0.5 - 25
Selenium	**4.33**	<1.35	2	-	-	0.1 - 3.9
Zinc	**63.5**	17.4	20	-	-	9 - 50

Boring Number	B-34			NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-34 15-17	B-34D 15-17	B-34 67-69	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/29/2006	6/29/2006	6/30/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60700004	60700004	60700004	Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)							
Acetone	***2300*** J	***3400*** J	52 J	200	110	NS	-
Methylene Chloride	<3600 *	***800*** J,B	ND	100	100	NS	-
Benzene	***250*** J	***580*** J	ND	60	60	14	-
Ethylbenzene	1100	***6200***	ND	5500	5500	100	-
M & P XYLENE	640 J	***6200***	3 J	1200	1200	100	-
O-XYLENE	500 J	***3800***	ND	1200	1200	100	-
Isopropylbenzene	260 J	1200 J	ND	2300	2300	100	-
1,3,5-Trimethylbenzene	510 J	***4700***	ND	3300	3300	100	-
1,2,4-Trimethylbenzene	1600	**12000**	ND	10000	13000	100	-
Naphthalene	***26000***	***352000*** E	9 J,B	13000	13000	200	-
Semivolatile Organic Compounds (ug/Kg)							
Naphthalene	12000	12000	ND	13000	13000	200	-
Acenapthene	2700	3600	ND	50000	92000	400	-
Fluorene	1900	2500	ND	50000	365000	1000	-
Phenanthrene	8800	13000	ND	50000	218000	1000	-
Anthracene	2600	3900	ND	50000	700000	1000	-
Fluoranthene	7900	11000	170 J	50000	1900000	1000	-
Pyrene	5100	8100	ND	50000	665000	1000	-
Benzo(a)anthracene	***3300***	***4500***	ND	224	2800	0.04	-
Chrysene	***2900***	***4000***	ND	400	400	0.04	-
Benzo(b)fluoranthene	***3800***	***5200***	ND	220	1100	0.04	-
Benzo(k)fluoranthene	***1600***	***2300***	ND	220	1100	0.04	-
Benzo(a)pyrene	**3700**	**4900**	<210 *	61	11000	0.04	-
TAL Metals (mg/Kg)							
Arsenic	**135**	**354**	1.24	7.5	-	-	3 - 12
Beryllium	**0.672**	**0.740**	**1.05**	0.16	-	-	0 - 1.75
Chromium	**52.0**	**79.9**	**19.5**	10	-	-	1.5 - 40
Iron	**28800** B1	**31500** B1	**15000** B1	2000	-	-	2000 - 550000
Copper	**148**	**436**	**29.2**	25	-	-	1 - 50
Lead	**553**	**1050**	11.7	500	-	-	500
Mercury	**9.47** MHA	**8.08**	ND	0.1	-	-	0.001 - 0.2
Nickel	**24.7**	**29.8**	**45.8**	13	-	-	0.5 - 25
Selenium	<3.42 *	**2.77**	ND	2	-	-	0.1 - 3.9
Zinc	**1310**	**445**	**27.7**	20	-	-	9 - 50

Boring Number	B-31		NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-31 5-7	B-31 64-66	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/1/2006	6/1/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600070	60600070	Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)						
Acetone	***2800*** J	23 J	200	110	NS	-
Methylene Chloride	***1300*** J,B	ND	100	100	NS	-
M & P XYLENE	280 J	<20	1200	1200	100	-
O-XYLENE	170 J	ND	1200	1200	100	-
Isopropylbenzene	1300	ND	2300	2300	100	-
1,3,5-Trimethylbenzene	690	ND	3300	3300	100	-
1,2,4-Trimethylbenzene	740	ND	10000	13000	100	-
Naphthalene	640	ND	13000	13000	200	-
Semivolatile Organic Compounds (ug/Kg)						
Acenapthene	2000	ND	50000	92000	400	-
Pyrene	4100 I	ND	50000	665000	1000	-
TAL Metals (mg/Kg)						
Arsenic	**13.2**	1.98	7.5	-	-	3 - 12
Beryllium	<0.332 *	**0.386**	0.16	-	-	0 - 1.75
Chromium	**12.8**	**20.9**	10	-	-	1.5 - 40
Iron	**14400** B1	**24300** B1	2000	-	-	2000 - 550000
Copper	**36.1**	**37.7**	25	-	-	1 - 50
Mercury	**0.280**	ND	0.1	-	-	0.001 - 0.2
Zinc	**151**	19.3	20	-	-	9 - 50

Boring Number	B-24A		NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-24A 13-15	B-24A 70-72	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/16/2006	6/16/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600266	60600266	Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)						
Acetone	***1800*** J	51 J	200	110	NS	-
Methylene Chloride	***1400*** J,B	ND	100	100	NS	-
1,3,5-Trimethylbenzene	460 J	ND	3300	3300	100	-
Semivolatile Organic Compounds(ug/Kg)						
Benzo(a)anthracene	**540**	ND	224	2800	0.04	-
Chrysene	**520**	ND	400	400	0.04	-
Indeno (1,2,3-cd)Pyrene	91 J	ND	3200	3200	0.04	-
Benzo(b)fluoranthene	**820**	ND	220	1100	0.04	-
Benzo(k)fluoranthene	**330**	ND	220	1100	0.04	-
Benzo(a)pyrene	**800**	<200 *	61	11000	0.04	-
Benzo (g,h,i) perylene	210 J	ND	50000	800000	0.04	-
TAL Metals (mg/Kg)						
Arsenic	**19**	ND	7.5	-	-	3 - 12
Beryllium	<0.56 *	**0.452**	0.16	-	-	0 - 1.75
Chromium	**11**	**28.4**	10	-	-	1.5 - 40
Iron	**11000** B1	**18100** B1	2000	-	-	2000 - 550000
Copper	**33**	11.8	25	-	-	1 - 50
Mercury	**1.84**	0.0487	0.1	-	-	0.001 - 0.2
Zinc	**180**	**23.4**	20	-	-	9 - 50

Boring Number	B-12A		NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-12A 19-12	B-12A 70-72	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/19/2006	6/19/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600355	60600355	Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)						
Methylene Chloride	***960*** J,B	9 J,B	100	100	NS	-
Benzene	***210*** **J**	ND	60	60	14	-
Toluene	120 J	ND	1500	1500	100	-
Ethylbenzene	110 J	ND	5500	5500	100	-
M & P XYLENE	340 J	ND	1200	1200	100	-
Isopropylbenzene	490 J	ND	2300	2300	100	-
1,3,5-Trimethylbenzene	140 J	ND	3300	3300	100	-
1,2,4-Trimethylbenzene	170 J	ND	10000	13000	100	-
Naphthalene	270 J	ND	13000	13000	200	-
Semivolatile Organic Compounds (ug/Kg)						
Fluoranthene	1500	ND	50000	1900000	1000	-
Pyrene	3000	ND	50000	665000	1000	-
Benzo(a)anthracene	**1100**	ND	224	2800	0.04	-
Chrysene	***810***	ND	400	400	0.04	-
Indeno (1,2,3-cd)Pyrene	75 J	ND	3200	3200	0.04	-
Benzo(b)fluoranthene	***1700*** I	ND	220	1100	0.04	-
Benzo(k)fluoranthene	**590** I	ND	220	1100	0.04	-
Benzo(a)pyrene	**1400** I	<190 *	61	11000	0.04	-
Benzo (g,h,i) perylene	310 I	ND	50000	800000	0.04	-
TAL Metals (mg/Kg)						
Arsenic	**19.7**	3.31	7.5	-	-	3 - 12
Chromium	**11.7**	**13.0**	10	-	-	1.5 - 40
Iron	**16600** B1	**20100** B1 MHA	2000	-	-	2000 - 550000
Copper	**36.0**	15.8	25	-	-	1 - 50
Magnesium	**5920**	1390	SB	-	-	100 - 5000
Mercury	**0.243**	ND	0.1	-	-	0.001 - 0.2
Zinc	**138**	**22.4**	20	-	-	9 - 50

Boring Number	B-13A			NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-13A 5-7	B-13A 35-37	B-13A 65-67	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/2/2006	6/2/2006	6/5/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600070	60600070	60600070	Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)							
Benzene	9	29	ND	60	60	14	-
M & P XYLENE	190	2 J	ND	1200	1200	100	-
1,3,5-Trimethylbenzene	100	ND	ND	3300	3300	100	-
1,2,4-Trimethylbenzene	200	ND	ND	10000	13000	100	-
Semivolatile Organic Compounds (ug/Kg)							
Benzo(a)pyrene	41 J, I	<200 *	<210 *	61	11000	0.04	-
TAL Metals (mg/Kg)							
Beryllium	**0.471**	<0.339 *	**0.649**	0.16	-	-	0 - 1.75
Chromium	**15.9**	**11.2**	**19.2**	10	-	-	1.5 - 40
Iron	**16900** B1	**14300** I MH	**43700** B1	2000	-	-	2000 - 550000
Nickel	12.5	**20.5** M2	8.24	13	-	-	0.5 - 25
Zinc	**34.0**	**32.5**	18.1	20	-	-	9 - 50

Boring Number	B-30		NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-30 5-7	B-30 65-67	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/20/2006	6/20/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600355	60600355	Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)						
Methylene Chloride	***1700*** J,B	10 J,B	100	100	NS	-
Isopropylbenzene	360 J	ND	2300	2300	100	-
Semivolatile Organic Compounds (ug/Kg)						
Pyrene	3500	ND	50000	665000	1000	-
Benzo(a)anthracene	**1700** *	ND	224	2800	0.04	-
Chrysene	***1200*** *	ND	400	400	0.04	-
Benzo(b)fluoranthene	**800** J	ND	220	1100	0.04	-
Benzo(a)pyrene	**2200** *	<200 *	61	11000	0.04	-
Benzo (g,h,i) perylene	580 J	ND	50000	800000	0.04	-
TAL Metals (mg/Kg)						
Arsenic	**22.5**	5.85	7.5	-	-	3 - 12
Beryllium	**0.832**	**0.815**	0.16	-	-	0 - 1.75
Chromium	**14.1**	**16.2**	10	-	-	1.5 - 40
Iron	**25200** B1	**14900** B1	2000	-	-	2000 - 550000
Copper	**64.2**	***62.1***	25	-	-	1 - 50
Mercury	**0.234**	0.0443	0.1	-	-	0.001 - 0.2
Nickel	**23.3**	**23.2**	13	-	-	0.5 - 25
Zinc	**173**	**35.8**	20	-	-	9 - 50

Boring Number	B-16A			NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-16A 5-7	B-15A 25-27	B-16A 67-69	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/27/2006	6/27/2006	6/27/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600399	60600399	60600399	Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)							
Benzene	ND	23	ND	60	60	14	-
Semivolatile Organic Compounds (ug/Kg)							
Naphthalene	ND	290	210	13000	13000	200	-
Phenanthrene	1000 J	ND	ND	50000	218000	1000	-
Fluoranthene	2900	ND	170 J	50000	1900000	1000	-
Benzo(a)anthracene	**980** J	ND	ND	224	2800	0.04	-
Chrysene	***880*** J	ND	ND	400	400	0.04	-
Benzo(b)fluoranthene	***1600*** J	ND	ND	220	1100	0.04	-
Benzo(k)fluoranthene	**520** J	ND	ND	220	1100	0.04	-
Benzo(a)pyrene	**1300** J	<190 *	<210 *	61	11000	0.04	-
TAL Metals (mg/Kg)							
Arsenic	**13.1**	<0.852	3.77	7.5	-	-	3 - 12
Beryllium	<0.345 *	**0.296**	**1.14**	0.16	-	-	0 - 1.75
Chromium	**15.3**	**11.6**	**22.2**	10	-	-	1.5 - 40
Iron	**14800** B1	**13800** B1	**47400** B1	2000	-	-	2000 - 550000
Copper	**27.9**	12.9	**31.8**	25	-	-	1 - 50
Mercury	**0.110**	ND	0.0987	0.1	-	-	0.001 - 0.2
Nickel	11.4	9.06	**20.1**	13	-	-	0.5 - 25
Zinc	**174**	**27.1**	**53.4**	20	-	-	9 - 50

Boring Number	B-28		NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-28 19-21	B-28 70-72	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/12/2006	6/15/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600266	60600266	Objective	Protect GW	Value	Criteria
TAL Metals (mg/Kg)						
Beryllium	**0.345**	**0.375**	0.16	-	-	0 - 1.75
Chromium	**20.8**	**13.9**	10	-	-	1.5 - 40
Iron	**13100** B1	**37500** B1	2000	-	-	2000 - 550000
Nickel	**15.3**	**14.4**	13	-	-	0.5 - 25
Zinc	**34.9**	**21.7**	20	-	-	9 - 50

Boring Number	B-7A			NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-7A 5-7	B-7A 43-45	B-7A 59-61	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/22/2006	6/23/2006	6/23/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600355	60600355	60600355	Objective	Protect GW	Value	Criteria
Semivolatile Organic Compounds (ug/Kg)							
Naphthalene	ND	320	<220 *	13000	13000	200	-
TAL Metals (mg/Kg)							
Beryllium	**0.439**	<0.413	**0.789**	0.16	-	-	0 - 1.75
Chromium	**18.5**	**10.4**	**29.5**	10	-	-	1.5 - 40
Iron	**18600** B1	**13400** B1	**27100** B1	2000	-	-	2000 - 550000
Nickel	**13.5**	7.22	**18.3**	13	-	-	0.5 - 25
Zinc	**39.7**	**20.7**	**51.0**	20	-	-	9 - 50

Boring Number	B-33		NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-33 9-11	B-33 59-61	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/5/2006	6/7/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600132	60600132	Objective	Protect GW	Value	Criteria
Semivolatile Organic Compounds(ug/Kg)						
Naphthalene	150 J	1600	13000	13000	200	-
TAL Metals (mg/Kg)						
Beryllium	**0.328**	**0.968**	0.16	-	-	0 - 1.75
Chromium	**13.1**	**13.0**	10	-	-	1.5 - 40
Iron	**14600** B1	**6140** B1	2000	-	-	2000 - 550000
Copper	14.2	**33.2**	25	-	-	1 - 50
Zinc	**30.1**	**24.9**	20	-	-	9 - 50

Boring Number	B-29		NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-29 17-19	B-29 66-68	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	5/30/2006	5/31/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60500338	60600070	Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)						
Methylene Chloride	***12000*** J,B	3 J,B	100	100	NS	-
M & P XYLENE	***1800*** J	<20	1200	1200	100	-
Isopropylbenzene	***16000***	ND	2300	2300	100	-
1,2,4-Trimethylbenzene	***19000***	ND	10000	13000	100	-
Naphthalene	***32000*** B	ND	13000	13000	200	-
Semivolatile Organic Compounds (ug/Kg)						
Naphthalene	2000 J	ND	13000	13000	200	-
Acenapthene	870 J	ND	50000	92000	400	-
Pyrene	1100 J	ND	50000	665000	1000	-
TAL Metals (mg/Kg)						
Arsenic	**233**	<3.51 RL5	7.5	-	-	3 - 12
Cadmium	**6.31**	<1.05 RL5	1	-	-	0.1 - 1
Chromium	4.21	**18.6**	10	-	-	1.5 - 40
Iron	**6350** B1	**119000** B1	2000	-	-	2000 - 550000
Copper	**111**	**20.3**	25	-	-	1 - 50
Lead	**1180**	<10.5 RL5	500	-	-	500
Mercury	**0.346**	ND	0.1	-	-	0.001 - 0.2
Zinc	**639**	**26.6**	20	-	-	9 - 50

LEGEND

B-20A ▲ SOIL BORINGS

MW-1 ⊕ MONITORING WELLS INSTALLED BY M&E

MW-1 ⊕ MONITORING WELLS PREVIOUSLY INSTALLED BY TRC

NOTES FOR SUMMARY TABLES:

1. BOLD–INDICATES VALUES THAT EXCEEDED THE NYSDEC RECOMMENDED SOIL CLEANUP CRITERIA/NYSDEC EASTERN BACKGROUND CRITERIA.
2. ITALICS–INDICATES VALUES THAT EXCEEDED THE NYSDEC SOIL CLEANUP OBJECTIVES TO PROTECT GROUNDWATER.
3. SHADED–INDICATES VALUES THAT EXCEEDED THE STARS TCLP ALTERNATIVE GUIDANCE VALUES.
4. ND–NOT DETECTED.
5. J– INDICATES AN ESTIMATED VALUE.
6. B–ANALYTE WAS DETECTED IN THE ASSOCIATED METHOD BLANK.
7. E–CONCENTRATION EXCEEDS THE CALIBRATION RANGE AND RESULTS IS SEMI–QUANTITATIVE.
8. B1–ANALYTE WAS DETECTED IN THE ASSOCIATED METHOD BLANK. ANALYTE CONCENTRATION IN THE SAMPLE IS GREATER THAN 10X THE CONCENTRATION FOUND IN THE METHOD BLANK.
9. I–INTERNAL STANDARD RECOVERY WAS OUTSIDE OF METHOD LIMITS. MATRIX INTERFERENCE WAS CONFIRMED BY RE–ANALYSIS.
10. MHA–DUE TO HIGH LEVELS OF ANALYTE IN THE SAMPLE, THE MS/MSD CALIBRATION DOES NOT PROVIDE USEFUL SPIKE RECOVERY INFORMATION.
11. RL5–REPORTING RAISED DUE TO HIGH SINGLE PEAK ANALYTE.
12. *–MDL EXCEEDS THE NYSDEC RECOMMENDED SOIL CLEANUP OBJECTIVES.

METCALF & EDDY | AECOM

DESIGNED BY: E. ACS
DRAWN BY: B.PAPA
DEPT. CHECK: S.MUSTHYALA
PROJ. CHECK: N. ABRAMS

SCALE: 0 40 80 120 SCALE IN FEET
SCALE:1"=40'–0"

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION

COST TO CURE REPORT–COMMERCIAL/MANUFACTURING
BAYSIDE FUEL OIL COMPANY, BROOKLYN, N.Y.
SITE MAP WITH SOIL SAMPLE RESULTS
WOL NOS. 3099–M&E2R–3253
3099–M&E2R–3515
3099–M&E2R–3923

CIVIL

NOVEMBER 2006

JOB 60004495
FILE NO.
CAD FILE CZBACC3A
SHEET FIG.3A

Boring Number	BPB-5				NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	BPB-5 17-19		BPB-5 49-50		Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	7/14/2006		7/19/2006		Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60700128		60700179		Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)								
Benzene	***1500***	J	ND		60	60	14	-
Isopropylbenzene	***15000***		ND		2300	2300	100	-
n-Propylbenzene	***8500***	*	ND		3700	3700	NS	-
sec-Butylbenzene	***12000***		ND		10000	11000	NS	-
Naphthalene	***28000***		67	B	13000	13000	200	-
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	10000		89	J	13000	13000	200	-
Acenapthene	12000		ND		50000	92000	400	-
Fluorene	5900		130	J	50000	365000	1000	-
Phenanthrene	23000		640		50000	218000	1000	-
Anthracene	9700		180	J	50000	700000	1000	-
Fluoranthene	19000		540		50000	1900000	1000	-
Pyrene	42000		330		50000	665000	1000	-
Benzo(a)anthracene	***12000***		***170***	***J***	224	2800	0.04	-
Chrysene	***10000***		***140***	***J***	400	400	0.04	-
Benzo(b)fluoranthene	***22000***	***I***	140	J	220	1100	0.04	-
Benzo(k)fluoranthene	***9100***	***I***	64	J	220	1100	0.04	-
Benzo(a)pyrene	***17000***	***I***	**150**	J	61	11000	0.04	-
Benzo (g,h,i) perylene	1900	I,J	ND		50000	800000	0.04	-
TAL Metals (mg/Kg)								
Arsenic	**73.2**		2.98		7.5	-	-	3 - 12
Beryllium	<0.406	*	**0.445**		0.16	-	-	0 - 1.75
Chromium	**44.3**	M1, M2	**23.0**		10	-	-	1.5 - 40
Iron	**18100**	**B1 MHA**	**27300**	**B1 MHA**	2000	-	-	2000 - 550000
Copper	**199**	**MHA**	24.0		25	-	-	1 - 50
Lead	**694**	**MHA**	10.1		500	-	-	500
Mercury	**2.92**		ND		0.1	-	-	0.001 - 0.2
Nickel	**20.3**		**16.6**		13	-	-	0.5 - 25
Zinc	**299**	**MHA**	**46.4**		20	-	-	9 - 50

Boring Number	BPB-4				NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	BPB-4 19-21		BPB-4 45-47		Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	7/13/2006		7/13/2006		Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60700128		60700128		Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)								
Benzene	***1600***	J	ND		60	60	14	-
Ethylbenzene	***16000***		ND		5500	5500	100	-
M & P XYLENE	***4600***	J	ND		1200	1200	100	-
O-XYLENE	***6100***		ND		1200	1200	100	-
Isopropylbenzene	***4700***		ND		2300	2300	100	-
1,3,5-Trimethylbenzene	1500	J	ND		3300	3300	100	-
1,2,4-Trimethylbenzene	***14000***		ND		10000	13000	100	-
Naphthalene	***210000***	E	ND		13000	13000	200	-
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	***18000***		ND		13000	13000	200	-
Acenapthene	18000		ND		50000	92000	400	-
Dibenzofuran	***14000***		ND		6200	6200	NS	-
Fluorene	20000		ND		50000	365000	1000	-
Phenanthrene	48000	I	57	J	50000	218000	1000	-
Anthracene	21000	I	42	J	50000	700000	1000	-
Fluoranthene	29000	I	180	J	50000	1900000	1000	-
Pyrene	***51000***		ND		50000	665000	1000	-
Benzo(a)anthracene	***19000***		ND		224	2800	0.04	-
Chrysene	***14000***		ND		400	400	0.04	-
Benzo(b)fluoranthene	***27000***	***I***	ND		220	1100	0.04	-
Benzo(k)fluoranthene	***11000***	***I***	ND		220	1100	0.04	-
Benzo(a)pyrene	***20000***	***I***	<190	*	61	11000	0.04	-
TAL Metals (mg/Kg)								
Chromium	**21.8**		9.98		10	-	-	1.5 - 40
Iron	**22000**	**B1**	**14300**	**B1**	2000	-	-	2000 - 550000
Mercury	**0.566**		ND		0.1	-	-	0.001 - 0.2
Nickel	**20.1**		8.23		13	-	-	0.5 - 25
Zinc	**58.2**		**19.7**		20	-	-	9 - 50

Boring Number	BPB-6				NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	BPB-6 7-9		BPB-6 63-65		Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/23/2006		6/26/2006		Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600356		60700005		Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)								
Methylene Chloride	***1900***	J,B	ND		100	100	NS	-
Ethylbenzene	530	J	ND		5500	5500	100	-
M & P XYLENE	420	J	ND		1200	1200	100	-
Isopropylbenzene	***7200***		ND		2300	2300	100	-
n-Propylbenzene	2200		ND		3700	3700	NS	-
1,3,5-Trimethylbenzene	370	J	ND		3300	3300	100	-
1,2,4-Trimethylbenzene	2000		ND		10000	13000	100	-
Naphthalene	4600		ND		13000	13000	200	-
Semivolatile Organic Compounds (ug/Kg)								
Acenapthene	**62000**		ND		50000	92000	400	-
Fluorene	14000		ND		50000	365000	1000	-
Phenanthrene	**66000**		ND		50000	218000	1000	-
Anthracene	21000		ND		50000	700000	1000	-
Fluoranthene	21000		ND		50000	1900000	1000	-
Pyrene	32000		ND		50000	665000	1000	-
Benzo(a)anthracene	***13000***		ND		224	2800	0.04	-
Chrysene	***12000***		ND		400	400	0.04	-
Indeno (1,2,3-cd)Pyrene	1800	J	ND		3200	3200	0.04	-
Benzo(b)fluoranthene	***14000***		ND		220	1100	0.04	-
Benzo(k)fluoranthene	***4300***		ND		220	1100	0.04	-
Benzo(a)pyrene	***14000***		<190	*	61	11000	0.04	-
Dibenzo(a,h)Anthracene	**1000**	J	<190	*	14.3	1650000	1000	-
Benzo (g,h,i) perylene	2900	J	ND		50000	800000	0.04	-
TAL Metals (mg/Kg)								
Arsenic	**51.5**		ND		7.5	-	-	3 - 12
Beryllium	<0.375	*	**0.667**		0.16	-	-	0 - 1.75
Chromium	**16.6**		**26.4**		10	-	-	1.5 - 40
Iron	**18800**	**B1**	**20100**	**B1**	2000	-	-	2000 - 550000
Copper	**116**		23.1		25	-	-	1 - 50
Mercury	**0.691**		ND		0.1	-	-	0.001 - 0.2
Nickel	**24.1**		**20.8**		13	-	-	0.5 - 25
Zinc	**263**		**49.8**		20	-	-	9 - 50

Boring Number	BPB-9				NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	BPB-9 29-31		BPB-9 59-61		Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/22/2006		6/22/2006		Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600356		60600356		Objective	Protect GW	Value	Criteria
TAL Metals (mg/Kg)								
Arsenic	ND		**8.64**		7.5	-	-	3 - 12
Beryllium	<0.351	*	**0.514**		0.16	-	-	0 - 1.75
Chromium	**10.2**		**25.1**		10	-	-	1.5 - 40
Iron	**10300**	**B1 MHA**	**25900**	**B1**	2000	-	-	2000 - 550000
Nickel	6.48		**15.3**		13	-	-	0.5 - 25

Boring Number	BPB-13				NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	BPB-13 11-13		BPB-13 50-52		Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/1/2006		6/6/2006		Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600072		60600130		Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)								
Acetone	***20000***	B	***150000***	*	200	110	NS	-
Methylene Chloride	**9500**	J,B	***27000***	J,B	100	100	NS	-
Benzene	<3100	*	***760000***		60	60	14	-
Toluene	940	J	***1500000***		1500	1500	100	-
Ethylbenzene	***17000***		***1600000***		5500	5500	100	-
M & P XYLENE	***29000***		***1100000***		1200	1200	100	-
O-XYLENE	***13000***		***490000***		1200	1200	100	-
Styrene	ND		***73000***		10000	10000	NS	-
Isopropylbenzene	***3200***		***13000***	***J***	2300	2300	100	-
n-Propylbenzene	1600	J	***38000***		3700	3700	NS	-
1,3,5-Trimethylbenzene	***7700***		***160000***		3300	3300	100	-
1,2,4-Trimethylbenzene	***30000***		***540000***		10000	13000	100	-
Naphthalene	***260000***	***E***	***5700000***	***E***	13000	13000	200	-
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	***180000***		***5600000***		13000	13000	200	-
2-Methyl Naphthalene	***76000***		***2100000***		36400	36400	NS	-
Acenaphthylene	13000		***2000000***		50000	103000	NS	-
Acenapthene	25000		***130000***	***J***	50000	92000	400	-
Fluorene	13000		***560000***		50000	365000	1000	-
Phenanthrene	34000		***1600000***		50000	218000	1000	-
Anthracene	ND		**87000**	J	50000	700000	1000	-
Pyrene	ND		**460000**		50000	665000	1000	-
Benzo(b)fluoranthene	***3100***	***J***	**98000**	***J***	220	1100	0.04	-
Benzo(a)pyrene	**5000**	**J**	***150000***	***J***	61	11000	0.04	-
TAL Metals (mg/Kg)								
Beryllium	**0.436**		ND		0.16	-	-	0 - 1.75
Chromium	**17.3**		6.80		10	-	-	1.5 - 40
Iron	**17800**	**B1**	**13500**	**B1**	2000	-	-	2000 - 550000
Nickel	**13.0**		6.99		13	-	-	0.5 - 25
Selenium	<2.46	*	**2.00**		2	-	-	0.1 - 3.9
Zinc	**31.7**		14.0		20	-	-	9 - 50

Boring Number	B-20A				NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-20A 19-21		B-20A 51-53		Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/26/2006		6/28/2006		Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600399		60600399		Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)								
Acetone	***15000***	J	71		200	110	NS	-
Ethylbenzene	***110000***		8	J	5500	5500	100	-
M & P XYLENE	***97000***		7	J	1200	1200	100	-
O-XYLENE	***42000***		5	J	1200	1200	100	-
Isopropylbenzene	1200	J	ND		2300	2300	100	-
1,3,5-Trimethylbenzene	***18000***		2	J	3300	3300	100	-
1,2,4-Trimethylbenzene	***65000***		9	J	10000	13000	100	-
Naphthalene	***350000***	E	450	E,B	13000	13000	200	-
Semivolatile Organic Compounds (ug/Kg)								
Naphthalene	***550000***		500		13000	13000	200	-
Acenaphthylene	***130000***		ND		50000	103000	NS	-
Fluorene	34000	J	ND		50000	365000	1000	-
Phenanthrene	***87000***		ND		50000	218000	1000	-
Anthracene	27000	J	ND		50000	700000	1000	-
Fluoranthene	**59000**		160	J	50000	1900000	1000	-
Benzo(a)anthracene	***15000***	J	ND		224	2800	0.04	-
Chrysene	***12000***	J	ND		400	400	0.04	-
Benzo(a)pyrene	***11000***	J	<200	*	61	11000	0.04	-
TAL Metals (mg/Kg)								
Beryllium	<0.329	*	**0.560**		0.16	-	-	0 - 1.75
Chromium	**23.0**		**22.6**		10	-	-	1.5 - 40
Iron	**15800**	B1	**62900**	MHA	2000	-	-	2000 - 550000
Nickel	**15.8**		10.4		13	-	-	0.5 - 25
Zinc	**25.8**		**26.7**		20	-	-	9 - 50

Boring Number	B-32					NYSDEC	NYSDEC	STARS TCLP	NYSDEC
Sample ID	B-32 7-9		B-32D 7-9		B-32 49-51	Recommended	Soil Cleanup	Alternative	Eastern USA
Sample Date	6/21/2006		6/21/2006		6/22/2006	Soil Cleanup	Objectives to	Guidance	Background
Lab Identification Number	60600355		60600355		60600355	Objective	Protect GW	Value	Criteria
Volatile Organic Compounds (ug/Kg)									
Acetone	***240***	B	84	B	51 J	200	110	NS	-
Benzene	ND		ND		23	60	60	14	-
Semivolatile Organic Compounds (ug/Kg)									
Benzo(a)anthracene	98	J	290		ND	224	2800	0.04	-
Chrysene	110	J	380		ND	400	400	0.04	-
Benzo(b)fluoranthene	100	J	**290**		ND	220	1100	0.04	-
Benzo(k)fluoranthene	ND		77	J	ND	220	1100	0.04	-
Benzo(a)pyrene	**96**	J	**270**		<200 *	61	11000	0.04	-
Benzo (g,h,i) perylene	ND		54	J	ND	50000	800000	0.04	-
TAL Metals (mg/Kg)									
Beryllium	**0.407**		**0.380**		**0.709**	0.16	-	-	0 - 1.75
Chromium	**18.2**		**14.9**		**19.6**	10	-	-	1.5 - 40
Iron	**18100**	B1	**15100**	B1	**44600** B1	2000	-	-	2000 - 550000
Mercury	**0.104**		ND		ND	0.1	-	-	0.001 - 0.2
Nickel	**14.5**		11.6		**14.3**	13	-	-	0.5 - 25
Zinc	**45.9**		**43.7**		**31.4**	20	-	-	9 - 50

LEGEND

- B-20A ▲ SOIL BORINGS
- MW-1 ⊕ MONITORING WELLS INSTALLED BY M&E
- MW-1 ⊕ MONITORING WELLS PREVIOUSLY INSTALLED BY TRC

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3. SHADED–INDICATES VALUES THAT EXCEEDED THE STARS TCLP ALTERNATIVE GUIDANCE VALUES.
4. ND–NOT DETECTED.
5. J– INDICATES AN ESTIMATED VALUE.
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7. E–CONCENTRATION EXCEEDS THE CALIBRATION RANGE AND RESULTS IS SEMI–QUANTITATIVE.
8. B1–ANALYTE WAS DETECTED IN THE ASSOCIATED METHOD BLANK. ANALYTE CONCENTRATION IN THE SAMPLE IS GREATER THAN 10X THE CONCENTRATION FOUND IN THE METHOD BLANK.
9. I–INTERNAL STANDARD RECOVERY WAS OUTSIDE OF METHOD LIMITS. MATRIX INTERFERENCE WAS CONFIRMED BY RE–ANALYSIS.
10. MHA–DUE TO HIGH LEVELS OF ANALYTE IN THE SAMPLE, THE MS/MSD CALIBRATION DOES NOT PROVIDE USEFUL SPIKE RECOVERY INFORMATION.
11. RL5–REPORTING RAISED DUE TO HIGH SINGLE PEAK ANALYTE.
12. *–MDL EXCEEDS THE NYSDEC RECOMMENDED SOIL CLEANUP OBJECTIVES.

METCALF & EDDY | AECOM

DESIGNED BY: E. ACS
DRAWN BY: B.PAPA
DEPT. CHECK: S.MUSTHYALA
PROJ. CHECK: N. ABRAMS

SCALE: 0 40 80 120 SCALE IN FEET
SCALE:1"=40'–0"

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION

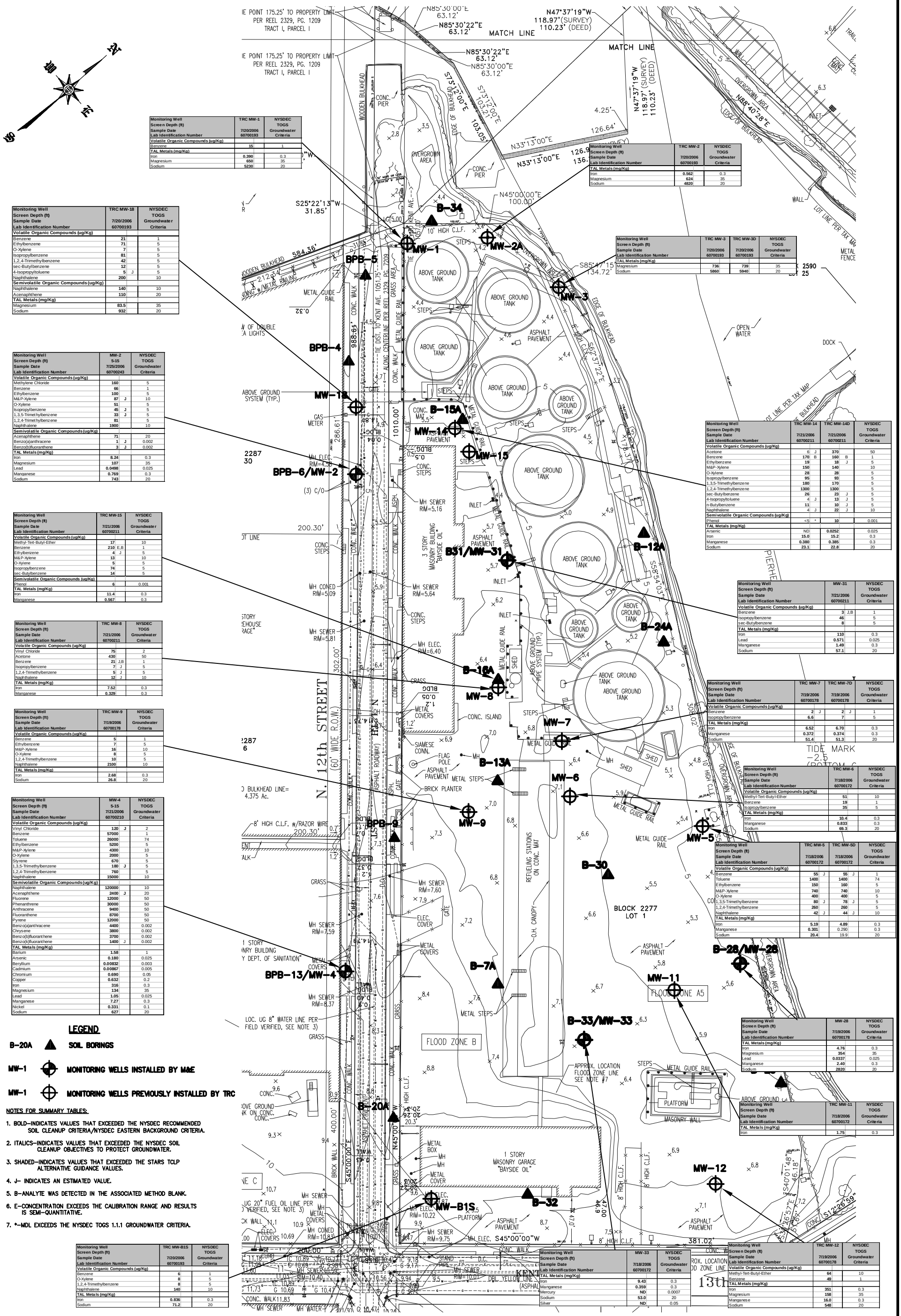
COST TO CURE REPORT–COMMERCIAL/MANUFACTURING
BAYSIDE FUEL OIL COMPANY, BROOKLYN, N.Y.

SITE MAP WITH SOIL SAMPLE RESULTS

WOL NOS. 3099–M&E2R–3253
3099–M&E2R–3515
3099–M&E2R–3923

CIVIL — NOVEMBER 2006

JOB 60004495
FILE NO.
CAD FILE CZBACC3B
SHEET FIG.3B



Monitoring Well	TRC MW-1	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/20/2006	Groundwater
Lab Identification Number	60700193	Criteria
Volatile Organic Compounds (ug/Kg)		
Benzene	15	1
TAL Metals (mg/Kg)		
Iron	0.390	0.3
Magnesium	650	35
Sodium	5230	20

Monitoring Well	TRC MW-2	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/20/2006	Groundwater
Lab Identification Number	60700193	Criteria
TAL Metals (mg/Kg)		
Iron	0.562	0.3
Magnesium	624	35
Sodium	4820	20

Monitoring Well	TRC MW-3	TRC MW-3D	NYSDEC
Screen Depth (ft)			TOGS
Sample Date	7/20/2006	7/20/2006	Groundwater
Lab Identification Number	60700193	60700193	Criteria
TAL Metals (mg/Kg)			
Magnesium	736	739	35
Sodium	5860	5940	20

Monitoring Well	TRC MW-18	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/20/2006	Groundwater
Lab Identification Number	60700193	Criteria
Volatile Organic Compounds (ug/Kg)		
Benzene	21	1
Ethylbenzene	71	5
O-Xylene	7	5
Isopropylbenzene	81	5
1,2,4-Trimethylbenzene	42	5
sec-Butylbenzene	12	5
4-Isopropyltoluene	5 J	5
Naphthalene	200	10
Semivolatile Organic Compounds (ug/Kg)		
Naphthalene	140	10
Acenaphthene	110	20
TAL Metals (mg/Kg)		
Magnesium	83.5	35
Sodium	932	20

Monitoring Well	MW-2	NYSDEC
Screen Depth (ft)	5-15	TOGS
Sample Date	7/25/2006	Groundwater
Lab Identification Number	60700243	Criteria
Volatile Organic Compounds (ug/Kg)		
Methylene Chloride	160	5
Benzene	66	1
Ethylbenzene	100	5
M&P-Xylene	87 J	10
O-Xylene	51	5
Isopropylbenzene	45 J	5
1,3,5-Trimethylbenzene	33 J	5
1,2,4-Trimethylbenzene	81	5
Naphthalene	1900	10
Semivolatile Organic Compounds (ug/Kg)		
Acenaphthene	71	20
Benzo(a)anthracene	1 J	0.002
Benzo(b)fluoranthene	3 J	0.002
TAL Metals (mg/Kg)		
Iron	8.24	0.3
Magnesium	107	35
Lead	0.0498	0.025
Manganese	0.769	0.3
Sodium	743	20

Monitoring Well	TRC MW-14	TRC MW-14D	NYSDEC
Screen Depth (ft)			TOGS
Sample Date	7/21/2006	7/21/2006	Groundwater
Lab Identification Number	60700211	60700211	Criteria
Volatile Organic Compounds (ug/Kg)			
Acetone	6 J	370	50
Benzene	170 B	160 B	1
Ethylbenzene	19	18 J	5
M&P-Xylene	150	140	10
O-Xylene	28	28	5
Isopropylbenzene	95	93	5
1,3,5-Trimethylbenzene	180	170	5
1,2,4-Trimethylbenzene	1300	1300	5
sec-Butylbenzene	26	23 J	5
4-Isopropyltoluene	4 J	13 J	5
n-Butylbenzene	11	10 J	5
Naphthalene	4 J	22 J	10
Semivolatile Organic Compounds (ug/Kg)			
Phenol	<5 *	10	0.001
TAL Metals (mg/Kg)			
Arsenic	ND	0.0252	0.025
Iron	15.0	15.2	0.3
Manganese	0.380	0.385	0.3
Sodium	23.1	22.8	20

Monitoring Well	TRC MW-15	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/21/2006	Groundwater
Lab Identification Number	60700211	Criteria
Volatile Organic Compounds (ug/Kg)		
Methyl-Tert-Butyl-Ether	17	10
Benzene	210 E,B	1
Ethylbenzene	4 J	5
M&P-Xylene	13	10
O-Xylene	5	5
Isopropylbenzene	74	5
sec-Butylbenzene	14	5
Semivolatile Organic Compounds (ug/Kg)		
Phenol	6	0.001
TAL Metals (mg/Kg)		
Iron	11.4	0.3
Manganese	0.567	0.3

Monitoring Well	MW-31	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/21/2006	Groundwater
Lab Identification Number	60700211	Criteria
Volatile Organic Compounds (ug/Kg)		
Benzene	3 J,B	1
Isopropylbenzene	46	5
sec-Butylbenzene	8	5
TAL Metals (mg/Kg)		
Iron	110	0.3
Lead	0.571	0.025
Manganese	1.49	0.3
Sodium	57.1	20

Monitoring Well	TRC MW-8	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/21/2006	Groundwater
Lab Identification Number	60700211	Criteria
Volatile Organic Compounds (ug/Kg)		
Vinyl Chloride	75	2
Acetone	430	50
Benzene	21 J,B	1
Isopropylbenzene	7 J	5
1,2,4-Trimethylbenzene	5 J	5
Naphthalene	12 J	10
TAL Metals (mg/Kg)		
Iron	7.52	0.3
Manganese	0.329	0.3

Monitoring Well	TRC MW-7	TRC MW-7D	NYSDEC
Screen Depth (ft)			TOGS
Sample Date	7/19/2006	7/19/2006	Groundwater
Lab Identification Number	60700178	60700178	Criteria
Volatile Organic Compounds (ug/Kg)			
Benzene	2 J	2 J	1
Isopropylbenzene	6.6	7	5
TAL Metals (mg/Kg)			
Iron	6.52	6.70	0.3
Manganese	0.372	0.374	0.3
Sodium	51.4	51.3	20

Monitoring Well	TRC MW-9	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/19/2006	Groundwater
Lab Identification Number	60700178	Criteria
Volatile Organic Compounds (ug/Kg)		
Benzene	5	1
Ethylbenzene	7	5
M&P-Xylene	16	10
O-Xylene	8	5
1,2,4-Trimethylbenzene	10	5
Naphthalene	2100	10
TAL Metals (mg/Kg)		
Iron	2.68	0.3
Sodium	26.8	20

Monitoring Well	TRC MW-6	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/18/2006	Groundwater
Lab Identification Number	60700172	Criteria
Volatile Organic Compounds (ug/Kg)		
Methyl-Tert-Butyl-Ether	51	10
Benzene	19	1
Isopropylbenzene	35	5
TAL Metals (mg/Kg)		
Iron	10.4	0.3
Manganese	0.833	0.3
Sodium	69.3	20

Monitoring Well	TRC MW-5	TRC MW-5D	NYSDEC
Screen Depth (ft)			TOGS
Sample Date	7/18/2006	7/18/2006	Groundwater
Lab Identification Number	60700172	60700172	Criteria
Volatile Organic Compounds (ug/Kg)			
Benzene	55 J	55 J	1
Toluene	1400	1400	74
Ethylbenzene	150	160	5
M&P-Xylene	740	740	10
O-Xylene	400	400	5
1,3,5-Trimethylbenzene	80 J	78 J	5
1,2,4-Trimethylbenzene	260	260	5
Naphthalene	42 J	44 J	10
TAL Metals (mg/Kg)			
Iron	5.19	4.89	0.3
Manganese	0.301	0.290	0.3
Sodium	20.4	19.9	20

Monitoring Well	MW-4	NYSDEC
Screen Depth (ft)	5-15	TOGS
Sample Date	7/21/2006	Groundwater
Lab Identification Number	60700210	Criteria
Volatile Organic Compounds (ug/Kg)		
Vinyl Chloride	120 J	2
Benzene	57000	1
Toluene	26000	74
Ethylbenzene	5200	5
M&P-Xylene	4300	10
O-Xylene	2000	5
Styrene	670	5
1,3,5-Trimethylbenzene	180 J	5
1,2,4-Trimethylbenzene	760	5
Naphthalene	15000	10
Semivolatile Organic Compounds (ug/Kg)		
Naphthalene	120000	10
Acenaphthene	2400 J	20
Fluorene	12000	50
Phenanthrene	30000	50
Anthracene	9400	50
Fluoranthene	8700	50
Pyrene	12000	50
Benzo(a)anthracene	4400	0.002
Chrysene	3800	0.002
Benzo(b)fluoranthene	3700	0.002
Benzo(k)fluoranthene	1400 J	0.002
TAL Metals (mg/Kg)		
Barium	1.58	1
Arsenic	0.180	0.025
Beryllium	0.00832	0.003
Cadmium	0.00867	0.005
Chromium	0.690	0.05
Copper	0.632	0.2
Iron	316	0.3
Magnesium	134	35
Lead	1.05	0.025
Manganese	7.27	0.3
Nickel	0.331	0.1
Sodium	627	20

Monitoring Well	MW-28	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/19/2006	Groundwater
Lab Identification Number	60700178	Criteria
TAL Metals (mg/Kg)		
Iron	4.76	0.3
Magnesium	354	35
Lead	0.0337	0.025
Manganese	2.40	0.3
Sodium	2820	20

Monitoring Well	TRC MW-11	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/18/2006	Groundwater
Lab Identification Number	60700172	Criteria
TAL Metals (mg/Kg)		
Iron	1.75	0.3

Monitoring Well	TRC MW-12	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/19/2006	Groundwater
Lab Identification Number	60700178	Criteria
Volatile Organic Compounds (ug/Kg)		
Methyl-Tert-Butyl-Ether	64	10
Benzene	49	1
TAL Metals (mg/Kg)		
Iron	351	0.3
Magnesium	158	35
Manganese	16.0	0.3
Sodium	548	20

Monitoring Well	TRC MW-B1S	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/20/2006	Groundwater
Lab Identification Number	60700193	Criteria
Volatile Organic Compounds (ug/Kg)		
Benzene	6	1
O-Xylene	8	5
1,2,4-Trimethylbenzene	8	5
Naphthalene	140	10
TAL Metals (mg/Kg)		
Iron	0.836	0.3
Sodium	71.2	20

Monitoring Well	MW-33	NYSDEC
Screen Depth (ft)		TOGS
Sample Date	7/18/2006	Groundwater
Lab Identification Number	60700172	Criteria
TAL Metals (mg/Kg)		
Iron	9.43	0.3
Manganese	0.359	0.3
Mercury	ND	0.0007
Sodium	53.0	20
Silver	ND	0.05

LEGEND

- B-20A ▲ SOIL BORINGS
- MW-1 ⊕ MONITORING WELLS INSTALLED BY M&E
- MW-1 ⊕ MONITORING WELLS PREVIOUSLY INSTALLED BY TRC

NOTES FOR SUMMARY TABLES:

1. BOLD–INDICATES VALUES THAT EXCEEDED THE NYSDEC RECOMMENDED SOIL CLEANUP CRITERIA/NYSDEC EASTERN BACKGROUND CRITERIA.
2. ITALICS–INDICATES VALUES THAT EXCEEDED THE NYSDEC SOIL CLEANUP OBJECTIVES TO PROTECT GROUNDWATER.
3. SHADED–INDICATES VALUES THAT EXCEEDED THE STARS TCLP ALTERNATIVE GUIDANCE VALUES.
4. J– INDICATES AN ESTIMATED VALUE.
5. B–ANALYTE WAS DETECTED IN THE ASSOCIATED METHOD BLANK.
6. E–CONCENTRATION EXCEEDS THE CALIBRATION RANGE AND RESULTS IS SEMI–QUANTITATIVE.
7. *–MDL EXCEEDS THE NYSDEC TOGS 1.1.1 GROUNDWATER CRITERIA.

METCALF & EDDY | AECOM

DESIGNED BY: E. ACS
DRAWN BY: B.PAPA
DEPT. CHECK: S.MUSTHYALA
PROJ. CHECK: N. ABRAMS

SCALE: 0 40 80 120 SCALE IN FEET
SCALE:1"=40'–0"

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

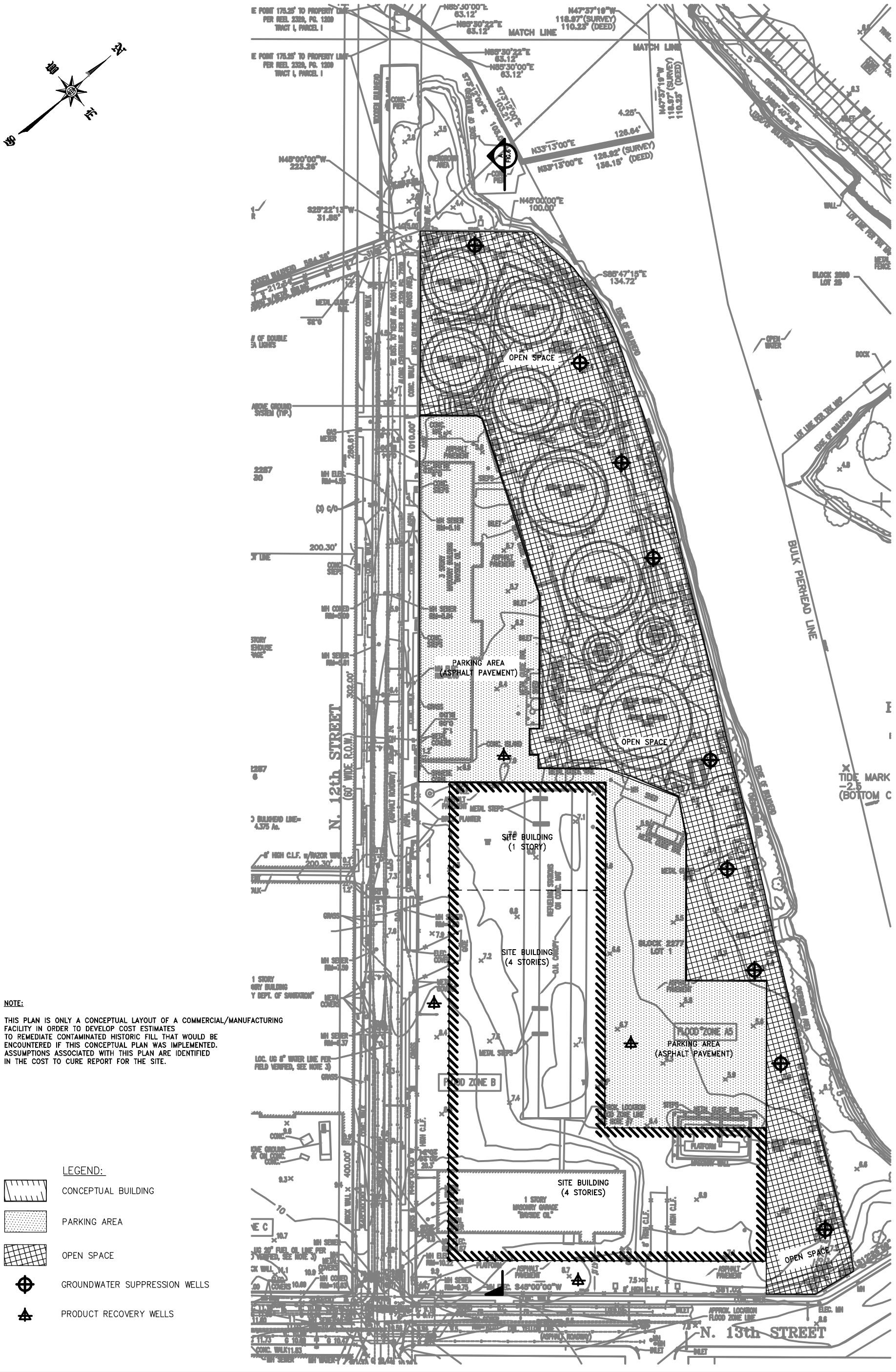
NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION

COST TO CURE REPORT–COMMERCIAL/MANUFACTURING
BAYSIDE FUEL OIL COMPANY, BROOKLYN, N.Y.
SITE MAP WITH GROUNDWATER SAMPLE RESULTS
WOL NOS. 3099–M&E2R–3253
3099–M&E2R–3515
3099–M&E2R–3923

CIVIL

NOVEMBER 2006

JOB 60004495
FILE NO.
CAD FILE CZBACTC4
SHEET FIG.4



METCALF & EDDY | AECOM

E. ACS
DRAWN BY: B.PAPA
DEPT. CHECK: S.MUSTHYALA
PROJ. CHECK: N. ABRAMS

0 40 80 120
SCALE IN FEET
SCALE:1"=40'-0"

NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION

COST TO CURE REPORT–COMMERCIAL/MANUFACTURING BAYSIDE FUEL OIL COMPANY, BROOKLYN, N.Y.

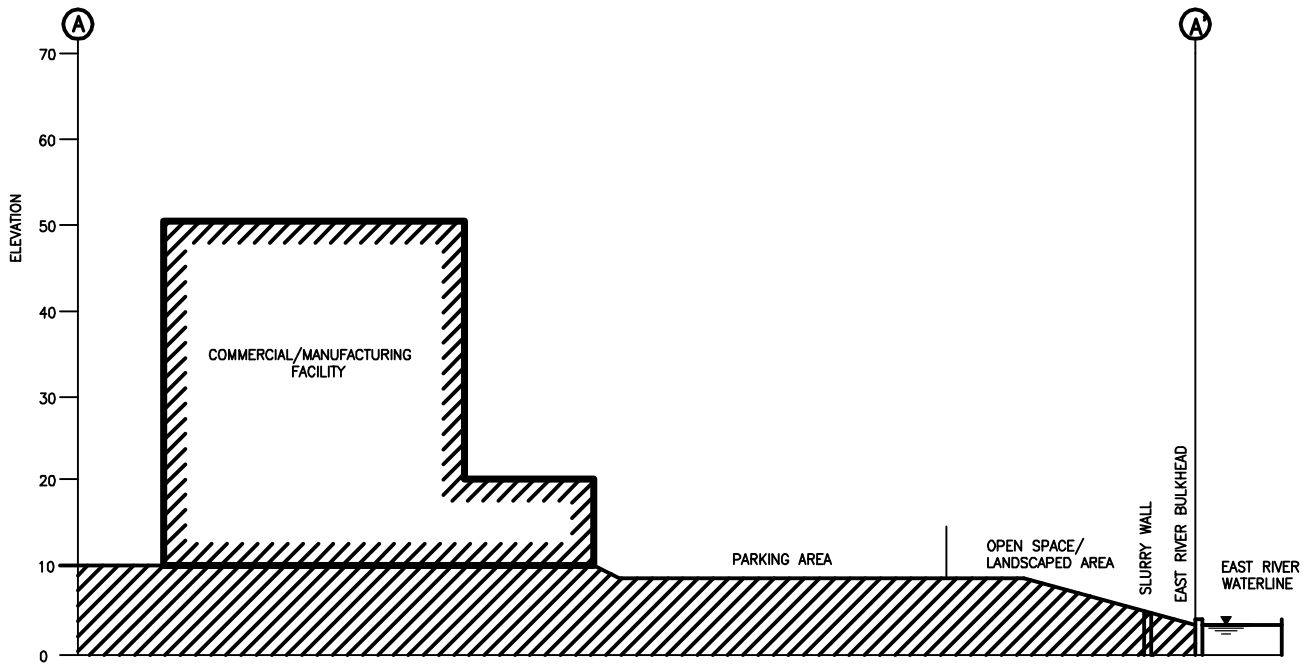
CONCEPTUAL SITE PLAN

WOL NOS. 3099–M&E2R–3253
3099–M&E2R–3515
3099–M&E2R–3923

CIVIL

NOVEMBER 2006

JOB 60004495
FILE NO.
CAD FILE CZBACTC5
SHEET FIG.5



CONCEPTUAL SITE PROFILE
CROSS SECTION A–A'

HORIZONTAL 1"=80'
VERTICAL 1"=10'

PRESENT SITE PROFILE
CROSS SECTION A–A'

HORIZONTAL 1"=80'
VERTICAL 1"=10'

	METCALF & EDDY | AECOM	DESIGNED BY: S. MUSTHYALA DRAWN BY: B. PAPA DEPT. CHECK: S. MUSTHYALA PROJ. CHECK: N. ABRAMS	SCALE: AS NOTED UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION	NEW YORK CITY DEPARTMENT OF DESIGN AND CONSTRUCTION COST TO CURE REPORT–COMMERCIAL/MANUFACTURING BAYSIDE FUEL OIL COMPANY, BROOKLYN, N.Y. **GENERALIZED SITE ELEVATIONS** **WOL NOS. 3099–M&E2R–3253** **3099–M&E2R–3515** **3099–M&E2R–3923** CIVIL NOVEMBER 2006	JOB 60004495 FILE NO. CAD FILE CZBACTC6 SHEET **FIG. 6**

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-7A	B-7A	B-7A	B-12A	B-12A	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-7A 5-7	B-7A 43-45	B-7A 59-61	B-12A 19-12	B-12A 70-72	Recommended	Soil Cleanup	Alternative
Sample Date	6/22/2006	6/23/2006	6/23/2006	6/19/2006	6/19/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600355	60600355	60600355	60600355	60600355	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Dichlorodifluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Vinyl Chloride	ND	ND	ND	<550 *	ND	200	120	NS
Chloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Bromomethane	ND	ND	ND	ND	ND	10000	10000	NS
Chloroethane	ND	ND	ND	ND	ND	1900	1900	NS
Trichlorofluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Acrolein	ND	ND	ND	ND	ND	10000	10000	NS
Acetone	*180* B	51	94	<2800 *	*110*	200	110	NS
1,1-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Iodomethane	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Disulfide	ND	ND	ND	<2800 *	ND	2700	2700	NS
Methylene Chloride	14 J,B	17 J,B	8 J,B	***960*** J,B	9 J,B	100	100	NS
Acrylonitrile	ND	ND	ND	ND	ND	10000	10000	NS
Methyl-Tert-Butyl-Ether	ND	ND	ND	<550 *	ND	120	120	1000
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,1-Dichloroethane	ND	ND	ND	<550 *	ND	200	200	NS
2-Butanone-(MEK)	ND	ND	18 J	<2800 *	ND	300	300	NS
Vinyl Acetate	ND	ND	ND	ND	ND	10000	10000	NS
2,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Chloroform	ND	ND	ND	<550 *	ND	300	300	NS
Bromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	800	760	NS
1,1-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Tetrachloride	ND	ND	ND	ND	ND	600	600	NS
Benzene	ND	ND	ND	***210*** ***J***	ND	60	60	14
1,2-Dichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Trichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
4-Methyl-2-Pentanone (MIBK)	ND	ND	ND	ND	ND	10000	10000	NS
2-Chloroethyl vinyl ether	ND	ND	ND	ND	ND	10000	10000	NS
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Toluene	ND	ND	ND	120 J	ND	1500	1500	100
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Bromodichloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Dibromomethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dibromoethane	ND	ND	ND	ND	ND	10000	10000	NS
2-Hexanone	ND	ND	ND	ND	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-7A	B-7A	B-7A	B-12A	B-12A	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-7A 5-7	B-7A 43-45	B-7A 59-61	B-12A 19-12	B-12A 70-72	Recommended	Soil Cleanup	Alternative
Sample Date	6/22/2006	6/23/2006	6/23/2006	6/19/2006	6/19/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600355	60600355	60600355	60600355	60600355	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
1,3-Dichloropropane	ND	ND	ND	<550 *	ND	300	300	NS
Tetrachloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Dibromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Chlorobenzene	ND	ND	ND	ND	ND	1700	1700	NS
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Ethylbenzene	ND	ND	ND	110 J	ND	5500	5500	100
M & P XYLENE	ND	ND	ND	340 J	ND	1200	1200	100
O-XYLENE	ND	ND	ND	ND	ND	1200	1200	100
Styrene	ND	ND	ND	ND	ND	10000	10000	NS
Bromoform	ND	ND	ND	ND	ND	10000	10000	NS
Isopropylbenzene	150 I	ND	ND	490 J	ND	2300	2300	100
1,1,2,2-Tetrachloroethane	ND I	ND	ND	ND	ND	600	600	NS
1,2,3-Trichloropropane	ND I	ND	ND	<550 *	ND	400	340	NS
n-Propylbenzene	180 I	ND	ND	240 J	ND	3700	3700	NS
trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	10000	10000	NS
Bromobenzene	ND	ND	ND	ND	ND	10000	10000	NS
2-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
1,3,5-Trimethylbenzene	ND I	ND	ND	140 J	ND	3300	3300	100
4-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
tert-Butylbenzene	ND I	ND	ND	140 J	ND	10000	11000	NS
1,2,4-Trimethylbenzene	ND I	ND	ND	170 J	ND	10000	13000	100
sec-Butylbenzene	130 I	ND	ND	190 J	ND	10000	11000	NS
4-Isopropyltoluene	ND I	ND	ND	180 J	ND	10000	10000	NS
1,3-Dichlorobenzene	ND I	ND	ND	130 J	ND	1600	1550	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8500	8500	NS
n-Butylbenzene	89 I	ND	ND	120 J	ND	10000	12000	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7900	7900	NS
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	10000	10000	NS
1,2,4-Trichlorobenzene	ND I	ND	ND	ND	ND	3400	3400	NS
Hexachlorobutadiene	ND	ND	ND	ND	ND	10000	10000	NS
Naphthalene	ND I	ND	ND	270 J	ND	13000	13000	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-13A	B-13A	B-13A	B-15A	B-15A	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-13A 5-7	B-13A 35-37	B-13A 65-67	B-15A 9-11	B-15A 61-63	Recommended	Soil Cleanup	Alternative
Sample Date	6/2/2006	6/2/2006	6/5/2006	6/5/2006	6/6/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600070	60600070	60600070	60600070	60600132	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Dichlorodifluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Vinyl Chloride	ND	ND	ND	<2500 *	ND	200	120	NS
Chloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Bromomethane	ND	ND	ND	ND	ND	10000	10000	NS
Chloroethane	ND	ND	ND	<2500 *	ND	1900	1900	NS
Trichlorofluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Acrolein	ND	ND	ND	<25000 *	ND	10000	10000	NS
Acetone	ND	29 J	59	***13000***	ND	200	110	NS
1,1-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Iodomethane	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Disulfide	ND	ND	ND	<13000 *	ND	2700	2700	NS
Methylene Chloride	ND	ND	ND	<10000 *	ND	100	100	NS
Acrylonitrile	ND	ND	ND	<13000 *	ND	10000	10000	NS
Methyl-Tert-Butyl-Ether	ND	ND	ND	<2500 *	ND	120	120	1000
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,1-Dichloroethane	ND	ND	ND	<2500 *	ND	200	200	NS
2-Butanone-(MEK)	ND	ND	18 J	<13000 *	ND	300	300	NS
Vinyl Acetate	ND	ND	ND	<13000 *	ND	10000	10000	NS
2,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Chloroform	ND	ND	ND	<2500 *	ND	300	300	NS
Bromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,1-Trichloroethane	ND	ND	ND	<2500 *	ND	800	760	NS
1,1-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Tetrachloride	ND	ND	ND	<2500 *	ND	600	600	NS
Benzene	9	29	ND	***8300***	ND	60	60	14
1,2-Dichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Trichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
4-Methyl-2-Pentanone (MIBK)	ND	ND	ND	<13000 *	ND	10000	10000	NS
2-Chloroethyl vinyl ether	ND	ND	ND	<13000 *	ND	10000	10000	NS
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Toluene	4 J	ND	ND	***59000***	2 J	1500	1500	100
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Bromodichloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Dibromomethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dibromoethane	ND	ND	ND	ND	ND	10000	10000	NS
2-Hexanone	ND	ND	ND	<13000 *	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-13A	B-13A	B-13A	B-15A	B-15A	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-13A 5-7	B-13A 35-37	B-13A 65-67	B-15A 9-11	B-15A 61-63	Recommended	Soil Cleanup	Alternative
Sample Date	6/2/2006	6/2/2006	6/5/2006	6/5/2006	6/6/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600070	60600070	60600070	60600070	60600132	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
1,3-Dichloropropane	ND	ND	ND	<2500 *	ND	300	300	NS
Tetrachloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Dibromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Chlorobenzene	ND	ND	ND	<2500 *	ND	1700	1700	NS
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Ethylbenzene	63	2 J	ND	***69000***	ND	5500	5500	100
M & P XYLENE	190	2 J	ND	***340000***	ND	1200	1200	100
O-XYLENE	67	ND	ND	***120000***	ND	1200	1200	100
Styrene	ND	ND	ND	ND	ND	10000	10000	NS
Bromoform	ND	ND	ND	ND	ND	10000	10000	NS
Isopropylbenzene	24	ND	ND	***41000***	ND	2300	2300	100
1,1,2,2-Tetrachloroethane	ND	ND	ND	<2500 *	ND	600	600	NS
1,2,3-Trichloropropane	ND	ND	ND	<2500 *	ND	400	340	NS
n-Propylbenzene	53	ND	ND	***73000***	ND	3700	3700	NS
trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	10000	10000	NS
Bromobenzene	ND	ND	ND	ND	ND	10000	10000	NS
2-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
1,3,5-Trimethylbenzene	100	ND	ND	***180000***	ND	3300	3300	100
4-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
tert-Butylbenzene	ND	ND	ND	4800	ND	10000	11000	NS
1,2,4-Trimethylbenzene	200	ND	ND	***790000***	ND	10000	13000	100
sec-Butylbenzene	7 J	ND	ND	***40000***	ND	10000	11000	NS
4-Isopropyltoluene	4 J	ND	ND	***67000***	ND	10000	10000	NS
1,3-Dichlorobenzene	ND	ND	ND	<2500 *	ND	1600	1550	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8500	8500	NS
n-Butylbenzene	ND	ND	ND	***46000***	ND	10000	12000	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7900	7900	NS
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	10000	10000	NS
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	3400	3400	NS
Hexachlorobutadiene	ND	ND	ND	ND	ND	10000	10000	NS
Naphthalene	18 B	42 B	6 J,B	***440000***	ND	13000	13000	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-16A	B-16A	B-16A	B-20A	B-20A	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-16A 5-7	B-15A 25-27	B-16A 67-69	B-20A 19-21	B-20A 51-53	Recommended	Soil Cleanup	Alternative
Sample Date	6/27/2006	6/27/2006	6/27/2006	6/26/2006	6/28/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600399	60600399	60600399	60600399	60600399	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Dichlorodifluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Vinyl Chloride	ND	ND	ND	<5400 *	ND	200	120	NS
Chloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Bromomethane	ND	ND	ND	ND	ND	10000	10000	NS
Chloroethane	ND	ND	ND	ND	ND	1900	1900	NS
Trichlorofluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Acrolein	ND	ND	ND	<54000 *	ND	10000	10000	NS
Acetone	ND	48	34 J	***15000*** J	71	200	110	NS
1,1-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Iodomethane	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Disulfide	ND	ND	ND	<27000 *	ND	2700	2700	NS
Methylene Chloride	ND	ND	12 J	<21000 *	14 J	100	100	NS
Acrylonitrile	ND	ND	ND	<27000 *	ND	10000	10000	NS
Methyl-Tert-Butyl-Ether	ND	ND	ND	<5400 *	ND	120	120	1000
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,1-Dichloroethane	ND	ND	ND	<5400 *	ND	200	200	NS
2-Butanone-(MEK)	ND	ND	14 J	<27000 *	ND	300	300	NS
Vinyl Acetate	ND	ND	ND	<27000 *	ND	10000	10000	NS
2,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Chloroform	ND	ND	ND	<5400 *	ND	300	300	NS
Bromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,1-Trichloroethane	ND	ND	ND	<5400 *	ND	800	760	NS
1,1-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Tetrachloride	ND	ND	ND	<5400 *	ND	600	600	NS
Benzene	ND	23	ND	<5400 *	ND	60	60	14
1,2-Dichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Trichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
4-Methyl-2-Pentanone (MIBK)	ND	ND	ND	<27000 *	ND	10000	10000	NS
2-Chloroethyl vinyl ether	ND	ND	ND	<27000 *	ND	10000	10000	NS
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Toluene	ND	ND	ND	<5400 *	3 J,B	1500	1500	100
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Bromodichloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Dibromomethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dibromoethane	ND	ND	ND	ND	ND	10000	10000	NS
2-Hexanone	ND	ND	ND	<27000 *	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-16A	B-16A	B-16A	B-20A	B-20A	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-16A 5-7	B-15A 25-27	B-16A 67-69	B-20A 19-21	B-20A 51-53	Recommended	Soil Cleanup	Alternative
Sample Date	6/27/2006	6/27/2006	6/27/2006	6/26/2006	6/28/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600399	60600399	60600399	60600399	60600399	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
1,3-Dichloropropane	ND	ND	ND	<5400 *	ND	300	300	NS
Tetrachloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Dibromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Chlorobenzene	ND	ND	ND	<5400 *	ND	1700	1700	NS
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Ethylbenzene	ND	6 J	ND	***110000***	8 J	5500	5500	100
M & P XYLENE	ND	4 J	<21	***97000***	7 J	1200	1200	100
O-XYLENE	ND	5 J	ND	***42000***	5 J	1200	1200	100
Styrene	ND	ND	ND	1500 J	ND	10000	10000	NS
Bromoform	ND	ND	ND	ND	ND	10000	10000	NS
Isopropylbenzene	6 J	ND	ND	1200 J	ND	2300	2300	100
1,1,2,2-Tetrachloroethane	ND	ND	ND	<5400 *	ND	600	600	NS
1,2,3-Trichloropropane	ND	ND	ND	<5400 *	ND	400	340	NS
n-Propylbenzene	7 J	ND	ND	3300 J	ND	3700	3700	NS
trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	10000	10000	NS
Bromobenzene	ND	ND	ND	ND	ND	10000	10000	NS
2-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
1,3,5-Trimethylbenzene	3 J	ND	ND	***18000***	2 J	3300	3300	100
4-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
tert-Butylbenzene	ND	ND	ND	ND	ND	10000	11000	NS
1,2,4-Trimethylbenzene	ND	3 J	ND	***65000***	9 J	10000	13000	100
sec-Butylbenzene	5 J	ND	ND	ND	ND	10000	11000	NS
4-Isopropyltoluene	ND	ND	ND	ND	ND	10000	10000	NS
1,3-Dichlorobenzene	ND	ND	ND	<5400 *	ND	1600	1550	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8500	8500	NS
n-Butylbenzene	5 J	ND	ND	ND	ND	10000	12000	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7900	7900	NS
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	10000	10000	NS
1,2,4-Trichlorobenzene	ND	ND	ND	<5400 *	ND	3400	3400	NS
Hexachlorobutadiene	ND	ND	ND	ND	ND	10000	10000	NS
Naphthalene	ND	38	ND	***350000*** E	450 E,B	13000	13000	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-24A	B-24A	B-28	B-28	B-29	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-24A 13-15	B-24A 70-72	B-28 19-21	B-28 70-72	B-29 17-19	Recommended	Soil Cleanup	Alternative
Sample Date	6/16/2006	6/16/2006	6/12/2006	6/15/2006	5/30/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600266	60600266	60600266	60600266	60500338	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Dichlorodifluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Vinyl Chloride	<1500 *	ND	ND	ND	<6900 *	200	120	NS
Chloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Bromomethane	ND	ND	ND	ND	ND	10000	10000	NS
Chloroethane	ND	ND	ND	ND	<6900 *	1900	1900	NS
Trichlorofluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Acrolein	<15000 *	ND	ND	ND	<34000 *	10000	10000	NS
Acetone	***1800*** J	51 J	43 J	23 J	<34000 *	200	110	NS
1,1-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Iodomethane	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Disulfide	<7700 *	ND	ND	ND	<34000 *	2700	2700	NS
Methylene Chloride	***1400*** J,B	ND	ND	ND	***12000*** J,B	100	100	NS
Acrylonitrile	ND	ND	ND	ND	<34000 *	10000	10000	NS
Methyl-Tert-Butyl-Ether	<1500 *	ND	ND	ND	<6900 *	120	120	1000
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,1-Dichloroethane	<1500 *	ND	ND	ND	<6900 *	200	200	NS
2-Butanone-(MEK)	<7700 *	ND	ND	ND	<34000 *	300	300	NS
Vinyl Acetate	ND	ND	ND	ND	<34000 *	10000	10000	NS
2,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Chloroform	<1500 *	ND	ND	ND	<6900 *	300	300	NS
Bromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,1-Trichloroethane	<1500 *	ND	ND	ND	<6900 *	800	760	NS
1,1-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Tetrachloride	<1500 *	ND	ND	ND	<6900 *	600	600	NS
Benzene	<1500 *	ND	ND	ND	<6900 *	60	60	14
1,2-Dichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Trichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
4-Methyl-2-Pentanone (MIBK)	ND	ND	ND	ND	<34000 *	10000	10000	NS
2-Chloroethyl vinyl ether	ND	ND	ND	ND	<34000 *	10000	10000	NS
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Toluene	<1500 *	ND	ND	ND	<6900 *	1500	1500	100
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Bromodichloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Dibromomethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dibromoethane	ND	ND	ND	ND	ND	10000	10000	NS
2-Hexanone	ND	ND	ND	ND	<34000 *	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-24A	B-24A	B-28	B-28	B-29	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-24A 13-15	B-24A 70-72	B-28 19-21	B-28 70-72	B-29 17-19	Recommended	Soil Cleanup	Alternative
Sample Date	6/16/2006	6/16/2006	6/12/2006	6/15/2006	5/30/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600266	60600266	60600266	60600266	60500338	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
1,3-Dichloropropane	<1500 *	ND	ND	ND	<6900 *	300	300	NS
Tetrachloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Dibromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Chlorobenzene	ND	ND	ND	ND	<6900 *	1700	1700	NS
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Ethylbenzene	ND	ND	ND	ND	<6900 *	5500	5500	100
M & P XYLENE	<3100 *	<21	ND	ND	***1800*** J	1200	1200	100
O-XYLENE	<1500 *	ND	ND	ND	<6900 *	1200	1200	100
Styrene	ND	ND	ND	ND	ND	10000	10000	NS
Bromoform	ND	ND	ND	ND	ND	10000	10000	NS
Isopropylbenzene	ND	ND	ND	ND	***16000***	2300	2300	100
1,1,2,2-Tetrachloroethane	<1500 *	ND	ND	ND	<6900 *	600	600	NS
1,2,3-Trichloropropane	<1500 *	ND	ND	ND	<6900 *	400	340	NS
n-Propylbenzene	ND	ND	ND	ND	2400 J	3700	3700	NS
trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	10000	10000	NS
Bromobenzene	ND	ND	ND	ND	ND	10000	10000	NS
2-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
1,3,5-Trimethylbenzene	460 J	ND	ND	ND	<6900 *	3300	3300	100
4-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
tert-Butylbenzene	450 J	ND	ND	ND	1400 J	10000	11000	NS
1,2,4-Trimethylbenzene	ND	ND	ND	ND	***19000***	10000	13000	100
sec-Butylbenzene	1600	ND	ND	ND	5100 J	10000	11000	NS
4-Isopropyltoluene	920 J	ND	ND	ND	2300 J	10000	10000	NS
1,3-Dichlorobenzene	ND	ND	ND	ND	<6900 *	1600	1550	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8500	8500	NS
n-Butylbenzene	640 J	ND	ND	ND	ND	10000	12000	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7900	7900	NS
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	10000	10000	NS
1,2,4-Trichlorobenzene	ND	ND	ND	ND	<6900 *	3400	3400	NS
Hexachlorobutadiene	ND	ND	ND	ND	ND	10000	10000	NS
Naphthalene	ND	ND	ND	ND	***32000*** B	13000	13000	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-29	B-30	B-30	B-31	B-31	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-29 66-68	B-30 5-7	B-30 65-67	B-31 5-7	B-31 64-66	Recommended	Soil Cleanup	Alternative
Sample Date	5/31/2006	6/20/2006	6/20/2006	6/1/2006	6/1/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600070	60600355	60600355	60600070	60600070	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Dichlorodifluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Vinyl Chloride	ND	<1100 *	ND	<560 *	ND	200	120	NS
Chloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Bromomethane	ND	ND	ND	ND	ND	10000	10000	NS
Chloroethane	ND	ND	ND	ND	ND	1900	1900	NS
Trichlorofluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Acrolein	ND	<11000 *	ND	ND	ND	10000	10000	NS
Acetone	34 J	<5700 *	ND	***2800*** J	23 J	200	110	NS
1,1-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Iodomethane	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Disulfide	ND	<5700 *	ND	<2800 *	ND	2700	2700	NS
Methylene Chloride	3 J,B	***1700*** J,B	10 J,B	***1300*** J,B	ND	100	100	NS
Acrylonitrile	ND	ND	ND	ND	ND	10000	10000	NS
Methyl-Tert-Butyl-Ether	ND	<1100 *	ND	<560 *	ND	120	120	1000
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,1-Dichloroethane	ND	<1100 *	ND	<560 *	ND	200	200	NS
2-Butanone-(MEK)	ND	<5700 *	ND	<2800 *	ND	300	300	NS
Vinyl Acetate	ND	ND	ND	ND	ND	10000	10000	NS
2,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Chloroform	ND	<1100 *	ND	<560 *	ND	300	300	NS
Bromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,1-Trichloroethane	ND	<1100 *	ND	ND	ND	800	760	NS
1,1-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Tetrachloride	ND	<1100 *	ND	<560 *	ND	600	600	NS
Benzene	ND	<1100 *	ND	<560 *	ND	60	60	14
1,2-Dichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Trichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
4-Methyl-2-Pentanone (MIBK)	ND	ND	ND	ND	ND	10000	10000	NS
2-Chloroethyl vinyl ether	ND	ND	ND	ND	ND	10000	10000	NS
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Toluene	ND	ND	ND	ND	ND	1500	1500	100
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Bromodichloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Dibromomethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dibromoethane	ND	ND	ND	ND	ND	10000	10000	NS
2-Hexanone	ND	ND	ND	ND	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-29	B-30	B-30	B-31	B-31	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-29 66-68	B-30 5-7	B-30 65-67	B-31 5-7	B-31 64-66	Recommended	Soil Cleanup	Alternative
Sample Date	5/31/2006	6/20/2006	6/20/2006	6/1/2006	6/1/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600070	60600355	60600355	60600070	60600070	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
1,3-Dichloropropane	ND	<1100 *	ND	<560 *	ND	300	300	NS
Tetrachloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Dibromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Chlorobenzene	ND	ND	ND	ND	ND	1700	1700	NS
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Ethylbenzene	ND	N D	ND	ND	ND	5500	5500	100
M & P XYLENE	<20	<2300 *	ND	280 J	<20	1200	1200	100
O-XYLENE	ND	ND	ND	170 J	ND	1200	1200	100
Styrene	ND	ND	ND	ND	ND	10000	10000	NS
Bromoform	ND	ND	ND	ND	ND	10000	10000	NS
Isopropylbenzene	ND	360 J	ND	1300	ND	2300	2300	100
1,1,2,2-Tetrachloroethane	ND	<1100 *	ND	<560 *	ND	600	600	NS
1,2,3-Trichloropropane	ND	<1100 *	ND	<560 *	ND	400	340	NS
n-Propylbenzene	ND	ND	ND	1200	ND	3700	3700	NS
trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	10000	10000	NS
Bromobenzene	ND	ND	ND	ND	ND	10000	10000	NS
2-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
1,3,5-Trimethylbenzene	ND	ND	ND	690	ND	3300	3300	100
4-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
tert-Butylbenzene	ND	260 J	ND	140 J	ND	10000	11000	NS
1,2,4-Trimethylbenzene	ND	ND	ND	740	ND	10000	13000	100
sec-Butylbenzene	ND	950 J	ND	920	ND	10000	11000	NS
4-Isopropyltoluene	ND	ND	ND	200 J	ND	10000	10000	NS
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1600	1550	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8500	8500	NS
n-Butylbenzene	ND	ND	ND	440 J	ND	10000	12000	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7900	7900	NS
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	10000	10000	NS
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	3400	3400	NS
Hexachlorobutadiene	ND	ND	ND	ND	ND	10000	10000	NS
Naphthalene	ND	ND	ND	640	ND	13000	13000	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-32	B-32D	B-32	B-33	B-33	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-32 7-9	B-32D 7-9	B-32 49-51	B-33 9-11	B-33 59-61	Recommended	Soil Cleanup	Alternative
Sample Date	6/21/2006	6/21/2006	6/22/2006	6/5/2006	6/7/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600355	60600355	60600355	60600132	60600132	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Dichlorodifluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Vinyl Chloride	ND	ND	ND	ND	ND	200	120	NS
Chloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Bromomethane	ND	ND	ND	ND	ND	10000	10000	NS
Chloroethane	ND	ND	ND	ND	ND	1900	1900	NS
Trichlorofluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Acrolein	ND	ND	ND	ND	ND	10000	10000	NS
Acetone	***240*** B	84 B	51 J	ND	33 J,B	200	110	NS
1,1-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Iodomethane	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Disulfide	39 J	15 J	ND	ND	ND	2700	2700	NS
Methylene Chloride	16 J,B	12 J,B	7 J,B	ND	ND	100	100	NS
Acrylonitrile	ND	ND	ND	ND	ND	10000	10000	NS
Methyl-Tert-Butyl-Ether	ND	ND	ND	ND	ND	120	120	1000
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,1-Dichloroethane	ND	ND	ND	ND	ND	200	200	NS
2-Butanone-(MEK)	ND	ND	ND	ND	ND	300	300	NS
Vinyl Acetate	ND	ND	ND	ND	ND	10000	10000	NS
2,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Chloroform	ND	ND	ND	ND	ND	300	300	NS
Bromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	800	760	NS
1,1-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Tetrachloride	ND	ND	ND	ND	ND	600	600	NS
Benzene	ND	ND	23	ND	ND	60	60	14
1,2-Dichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Trichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
4-Methyl-2-Pentanone (MIBK)	ND	ND	ND	ND	ND	10000	10000	NS
2-Chloroethyl vinyl ether	ND	ND	ND	ND	ND	10000	10000	NS
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Toluene	ND	ND	ND	ND	3 J	1500	1500	100
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Bromodichloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Dibromomethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dibromoethane	ND	ND	ND	ND	ND	10000	10000	NS
2-Hexanone	ND	ND	ND	ND	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-32	B-32D	B-32	B-33	B-33	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-32 7-9	B-32D 7-9	B-32 49-51	B-33 9-11	B-33 59-61	Recommended	Soil Cleanup	Alternative
Sample Date	6/21/2006	6/21/2006	6/22/2006	6/5/2006	6/7/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600355	60600355	60600355	60600132	60600132	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
1,3-Dichloropropane	ND	ND	ND	ND	ND	300	300	NS
Tetrachloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Dibromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Chlorobenzene	ND	ND	ND	ND	ND	1700	1700	NS
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Ethylbenzene	ND	ND	3 J	3 J	ND	5500	5500	100
M & P XYLENE	3 J	ND	ND	8 J	<22	1200	1200	100
O-XYLENE	ND	ND	ND	7 J	ND	1200	1200	100
Styrene	ND	ND	ND	ND	ND	10000	10000	NS
Bromoform	ND	ND	ND	ND	ND	10000	10000	NS
Isopropylbenzene	28 I	12	ND	9 J	ND	2300	2300	100
1,1,2,2-Tetrachloroethane	ND I	ND	ND	ND	ND	600	600	NS
1,2,3-Trichloropropane	ND I	ND	ND	ND	ND	400	340	NS
n-Propylbenzene	21 I	10	ND	13	ND	3700	3700	NS
trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	10000	10000	NS
Bromobenzene	ND	ND	ND	ND	ND	10000	10000	NS
2-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
1,3,5-Trimethylbenzene	3 J,I	2 J	ND	22	ND	3300	3300	100
4-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
tert-Butylbenzene	11 I	ND	ND	ND	ND	10000	11000	NS
1,2,4-Trimethylbenzene	ND I	ND	ND	34	ND	10000	13000	100
sec-Butylbenzene	47 I	20	ND	4 J	ND	10000	11000	NS
4-Isopropyltoluene	13 I	8 J	ND	6 J	ND	10000	10000	NS
1,3-Dichlorobenzene	ND I	ND	ND	ND	ND	1600	1550	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8500	8500	NS
n-Butylbenzene	ND I	12	ND	7 J	ND	10000	12000	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7900	7900	NS
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	10000	10000	NS
1,2,4-Trichlorobenzene	ND I	ND	ND	ND	ND	3400	3400	NS
Hexachlorobutadiene	ND	ND	ND	ND	ND	10000	10000	NS
Naphthalene	ND I	ND	4 J,B	23 B	ND	13000	13000	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-34		B-34D		B-34		BPB-4		BPB-4		NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-34 15-17		B-34D 15-17		B-34 67-69		BPB-4 19-21		BPB-4 45-47		Recommended Soil Cleanup Objective	Soil Cleanup Objectives to Protect GW	Alternative Guidance Value
Sample Date	6/29/2006		6/29/2006		6/30/2006		7/13/2006		7/13/2006				
Lab Identification Number	60700004		60700004		60700004		60700128		60700128				
Volatile Organic Compounds (ug/Kg)													
Dichlorodifluoromethane	ND		ND		ND		ND		ND		10000	10000	NS
Vinyl Chloride	<890	*	<1800	*	ND		<3300	*	ND		200	120	NS
Chloromethane	ND		ND		ND		ND		ND		10000	10000	NS
Bromomethane	ND		ND		ND		ND		ND		10000	10000	NS
Chloroethane	ND		ND		ND		<3300	*	ND		1900	1900	NS
Trichlorofluoromethane	ND		ND		ND		ND		ND		10000	10000	NS
Acrolein	ND		<18000	*	ND		<33000	*	ND		10000	10000	NS
Acetone	***2300***	J	***3400***	J	52	J	<17000	*	47	B	200	110	NS
1,1-Dichloroethylene	ND		ND		ND		ND		ND		10000	10000	NS
Iodomethane	ND		ND		ND		ND		ND		10000	10000	NS
Carbon Disulfide	<4500	*	<9000	*	ND		<17000	*	ND		2700	2700	NS
Methylene Chloride	<3600	*	***800***	J,B	ND		<13000	*	11	J	100	100	NS
Acrylonitrile	ND		ND		ND		<17000	*	ND		10000	10000	NS
Methyl-Tert-Butyl-Ether	<890	*	<1800	*	ND		<3300	*	ND		120	120	1000
trans-1,2-Dichloroethylene	ND		ND		ND		ND		ND		10000	10000	NS
1,1-Dichloroethane	<890	*	<1800	*	ND		<3300	*	ND		200	200	NS
2-Butanone-(MEK)	<4500	*	<9000	*	ND		<17000	*	ND		300	300	NS
Vinyl Acetate	ND		ND		ND		<17000	*	ND		10000	10000	NS
2,2-Dichloropropane	ND		ND		ND		ND		ND		10000	10000	NS
cis-1,2-Dichloroethylene	ND		ND		ND		ND		ND		10000	10000	NS
Chloroform	<890	*	<1800	*	ND		<3300	*	ND		300	300	NS
Bromochloromethane	ND		ND		ND		ND		ND		10000	10000	NS
1,1,1-Trichloroethane	<890	*	<1800	*	ND		<3300	*	ND		800	760	NS
1,1-Dichloropropene	ND		ND		ND		ND		ND		10000	10000	NS
Carbon Tetrachloride	<890	*	<1800	*	ND		<3300	*	ND		600	600	NS
Benzene	***250***	J	***580***	J	ND		***1600***	J	ND		60	60	14
1,2-Dichloroethane	ND		ND		ND		ND		ND		10000	10000	NS
Trichloroethylene	ND		ND		ND		ND		ND		10000	10000	NS
1,2-Dichloropropane	ND		ND		ND		ND		ND		10000	10000	NS
4-Methyl-2-Pentanone (MIBK)	ND		ND		ND		<17000	*	ND		10000	10000	NS
2-Chloroethyl vinyl ether	ND		ND		ND		<17000	*	ND		10000	10000	NS
cis-1,3-Dichloropropene	ND		ND		ND		ND		ND		10000	10000	NS
Toluene	ND		<1800	*	ND		<3300	*	ND		1500	1500	100
trans-1,3-Dichloropropene	ND		ND		ND		ND		ND		10000	10000	NS
Bromodichloromethane	ND		ND		ND		ND		ND		10000	10000	NS
Dibromomethane	ND		ND		ND		ND		ND		10000	10000	NS
1,1,2-Trichloroethane	ND		ND		ND		ND		ND		10000	10000	NS
1,2-Dibromoethane	ND		ND		ND		ND		ND		10000	10000	NS
2-Hexanone	ND		ND		ND		<17000	*	ND		10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-34	B-34D	B-34	BPB-4	BPB-4	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-34 15-17	B-34D 15-17	B-34 67-69	BPB-4 19-21	BPB-4 45-47	Recommended	Soil Cleanup	Alternative
Sample Date	6/29/2006	6/29/2006	6/30/2006	7/13/2006	7/13/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60700004	60700004	60700004	60700128	60700128	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
1,3-Dichloropropane	<890 *	<1800 *	ND	<3300 *	ND	300	300	NS
Tetrachloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Dibromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Chlorobenzene	ND	<1800 *	ND	<3300 *	ND	1700	1700	NS
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Ethylbenzene	1100	***6200***	ND	***16000***	ND	5500	5500	100
M & P XYLENE	640 J	***6200***	3 J	***4600*** J	ND	1200	1200	100
O-XYLENE	500 J	***3800***	ND	***6100***	ND	1200	1200	100
Styrene	ND	ND	ND	ND	ND	10000	10000	NS
Bromoform	ND	ND	ND	ND	ND	10000	10000	NS
Isopropylbenzene	260 J	1200 J	ND	***4700***	ND	2300	2300	100
1,1,2,2-Tetrachloroethane	<890 *	<1800 *	ND	<3300 *	ND	600	600	NS
1,2,3-Trichloropropane	<890 *	<1800 *	ND	<3300 *	ND	400	340	NS
n-Propylbenzene	ND	440 J	ND	2100 J	ND	3700	3700	NS
trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	10000	10000	NS
Bromobenzene	ND	ND	ND	ND	ND	10000	10000	NS
2-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
1,3,5-Trimethylbenzene	510 J	***4700***	ND	1500 J	ND	3300	3300	100
4-Chlorotoluene	ND	ND	Nd	ND	ND	10000	10000	NS
tert-Butylbenzene	ND	ND	ND	ND	ND	10000	11000	NS
1,2,4-Trimethylbenzene	1600	**12000**	ND	***14000***	ND	10000	13000	100
sec-Butylbenzene	ND	ND	ND	ND	ND	10000	11000	NS
4-Isopropyltoluene	240 J	1500 J	ND	2600 J	ND	10000	10000	NS
1,3-Dichlorobenzene	ND	<1800 *	ND	<3300 *	ND	1600	1550	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8500	8500	NS
n-Butylbenzene	ND	ND	ND	ND	ND	10000	12000	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7900	7900	NS
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	10000	10000	NS
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	3400	3400	NS
Hexachlorobutadiene	ND	ND	ND	ND	ND	10000	10000	NS
Naphthalene	***26000***	***352000*** E	9 J,B	***210000*** E	ND	13000	13000	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	BPB-5	BPB-5	BPB-6	BPB-6	BPB-9	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BPB-5 17-19	BPB-5 49-50	BPB-6 7-9	BPB-6 63-65	BPB-9 29-31	Recommended	Soil Cleanup	Alternative
Sample Date	7/14/2006	7/19/2006	6/23/2006	6/26/2006	6/22/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60700128	60700179	60600356	60700005	60600356	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
Dichlorodifluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Vinyl Chloride	<3400 *	ND	<1200 *	ND	ND	200	120	NS
Chloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Bromomethane	ND	ND	ND	ND	ND	10000	10000	NS
Chloroethane	<3400 *	ND	ND	ND	ND	1900	1900	NS
Trichlorofluoromethane	ND	ND	ND	ND	ND	10000	10000	NS
Acrolein	ND	ND	<12000 *	ND	ND	10000	10000	NS
Acetone	<17000	35 J,B	<6100 *	17 J	39 J,B	200	110	NS
1,1-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Iodomethane	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Disulfide	<17000 *	ND	<6100 *	ND	ND	2700	2700	NS
Methylene Chloride	<13000 *	ND	***1900*** J,B	ND	10 J,B	100	100	NS
Acrylonitrile	<17000 *	ND	ND	ND	ND	10000	10000	NS
Methyl-Tert-Butyl-Ether	<3400 *	ND	<1200 *	ND	ND	120	120	1000
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,1-Dichloroethane	<3400 *	ND	<1200 *	ND	ND	200	200	NS
2-Butanone-(MEK)	<17000 *	ND	<6100 *	ND	ND	300	300	NS
Vinyl Acetate	<17000 *	ND	ND	ND	ND	10000	10000	NS
2,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Chloroform	<3400 *	ND	<1200 *	ND	ND	300	300	NS
Bromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,1-Trichloroethane	<3400 *	ND	<1200 *	ND	ND	800	760	NS
1,1-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Carbon Tetrachloride	<3400 *	ND	<1200 *	ND	ND	600	600	NS
Benzene	***1500 J***	ND	<1200 *	ND	5 J	60	60	14
1,2-Dichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Trichloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dichloropropane	ND	ND	ND	ND	ND	10000	10000	NS
4-Methyl-2-Pentanone (MIBK)	<17000 *	ND	ND	ND	ND	10000	10000	NS
2-Chloroethyl vinyl ether	<17000 *	ND	ND	ND	ND	10000	10000	NS
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Toluene	<3400 *	ND	ND	ND	ND	1500	1500	100
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	10000	10000	NS
Bromodichloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Dibromomethane	ND	ND	ND	ND	ND	10000	10000	NS
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	10000	10000	NS
1,2-Dibromoethane	ND	ND	ND	ND	ND	10000	10000	NS
2-Hexanone	<17000 *	ND	ND	ND	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	BPB-5	BPB-5	BPB-6	BPB-6	BPB-9	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BPB-5 17-19	BPB-5 49-50	BPB-6 7-9	BPB-6 63-65	BPB-9 29-31	Recommended	Soil Cleanup	Alternative
Sample Date	7/14/2006	7/19/2006	6/23/2006	6/26/2006	6/22/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60700128	60700179	60600356	60700005	60600356	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)								
1,3-Dichloropropane	<3400 *	ND	<1200 *	ND	ND	300	300	NS
Tetrachloroethylene	ND	ND	ND	ND	ND	10000	10000	NS
Dibromochloromethane	ND	ND	ND	ND	ND	10000	10000	NS
Chlorobenzene	<3400 *	ND	ND	ND	ND	1700	1700	NS
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	10000	10000	NS
Ethylbenzene	ND	ND	530 J	ND	ND	5500	5500	100
M & P XYLENE	<6700 *	ND	420 J	ND	ND	1200	1200	100
O-XYLENE	<3400 *	ND	<1200	ND	ND	1200	1200	100
Styrene	ND	ND	ND	ND	ND	10000	10000	NS
Bromoform	ND	ND	ND	ND	ND	10000	10000	NS
Isopropylbenzene	***15000***	ND	***7200***	ND	ND	2300	2300	100
1,1,2,2-Tetrachloroethane	<3400 *	ND	<1200 *	ND	ND	600	600	NS
1,2,3-Trichloropropane	<3400 *	ND	<1200 *	ND	ND	400	340	NS
n-Propylbenzene	***8500*** *	ND	2200	ND	ND	3700	3700	NS
trans-1,4-Dichloro-2-butene	ND	ND	ND	ND	ND	10000	10000	NS
Bromobenzene	ND	ND	ND	ND	ND	10000	10000	NS
2-Chlorotoluene	<3400	ND	ND	ND	ND	10000	10000	NS
1,3,5-Trimethylbenzene	<3400 *	ND	370 J	ND	ND	3300	3300	100
4-Chlorotoluene	ND	ND	ND	ND	ND	10000	10000	NS
tert-Butylbenzene	1200 J	ND	810 J	ND	ND	10000	11000	NS
1,2,4-Trimethylbenzene	1000 J	ND	2000	ND	ND	10000	13000	100
sec-Butylbenzene	***12000***	ND	5300	ND	ND	10000	11000	NS
4-Isopropyltoluene	1400 J	ND	410 J	ND	ND	10000	10000	NS
1,3-Dichlorobenzene	<3400 *	ND	ND	ND	ND	1600	1550	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8500	8500	NS
n-Butylbenzene	3000 J	ND	1100 J	ND	ND	10000	12000	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	7900	7900	NS
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	10000	10000	NS
1,2,4-Trichlorobenzene	<3400 *	ND	ND	ND	ND	3400	3400	NS
Hexachlorobutadiene	ND	ND	ND	ND	ND	10000	10000	NS
Naphthalene	***28000***	67 B	4600	ND	ND	13000	13000	200
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	BPB-9	BPB-13	BPB-13	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BPB-9 59-61	BPB-13 11-13	BPB-13 50-52	Recommended	Soil Cleanup	Alternative
Sample Date	6/22/2006	6/1/2006	6/6/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600356	60600072	60600130	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)						
Dichlorodifluoromethane	ND	ND	<30000 *	10000	10000	NS
Vinyl Chloride	ND	<3100 *	<30000 *	200	120	NS
Chloromethane	ND	ND	<30000 *	10000	10000	NS
Bromomethane	ND	ND	<30000 *	10000	10000	NS
Chloroethane	ND	<3100 *	<30000 *	1900	1900	NS
Trichlorofluoromethane	ND	ND	<30000 *	10000	10000	NS
Acrolein	ND	<31000 *	<300000 *	10000	10000	NS
Acetone	30 J,B	***20000*** B	***150000*** *	200	110	NS
1,1-Dichloroethylene	ND	ND	<30000 *	10000	10000	NS
Iodomethane	ND	ND	<30000 *	10000	10000	NS
Carbon Disulfide	ND	<15000 *	<150000 *	2700	2700	NS
Methylene Chloride	11 J,B	***9500*** J,B	***27000*** J,B	100	100	NS
Acrylonitrile	ND	<15000 *	<150000 *	10000	10000	NS
Methyl-Tert-Butyl-Ether	ND	<3100 *	<30000 *	120	120	1000
trans-1,2-Dichloroethylene	ND	ND	<30000 *	10000	10000	NS
1,1-Dichloroethane	ND	<3100 *	<30000 *	200	200	NS
2-Butanone-(MEK)	ND	<15000 *	35000 J	300	300	NS
Vinyl Acetate	ND	<15000 *	<150000 *	10000	10000	NS
2,2-Dichloropropane	ND	ND	<30000 *	10000	10000	NS
cis-1,2-Dichloroethylene	ND	ND	<30000 *	10000	10000	NS
Chloroform	ND	<3100 *	<30000 *	300	300	NS
Bromochloromethane	ND	ND	<30000 *	10000	10000	NS
1,1,1-Trichloroethane	ND	<3100 *	<30000 *	800	760	NS
1,1-Dichloropropene	ND	ND	<30000 *	10000	10000	NS
Carbon Tetrachloride	ND	<3100 *	<30000 *	600	600	NS
Benzene	ND	<3100 *	760000	60	60	14
1,2-Dichloroethane	ND	ND	<30000 *	10000	10000	NS
Trichloroethylene	ND	ND	<30000 *	10000	10000	NS
1,2-Dichloropropane	ND	ND	<30000 *	10000	10000	NS
4-Methyl-2-Pentanone (MIBK)	ND	<15000 *	<150000 *	10000	10000	NS
2-Chloroethyl vinyl ether	ND	<15000 *	<150000 *	10000	10000	NS
cis-1,3-Dichloropropene	ND	ND	<30000 *	10000	10000	NS
Toluene	ND	940 J	***1500000***	1500	1500	100
trans-1,3-Dichloropropene	ND	ND	<30000 *	10000	10000	NS
Bromodichloromethane	ND	ND	<30000 *	10000	10000	NS
Dibromomethane	ND	ND	<30000 *	10000	10000	NS
1,1,2-Trichloroethane	ND	ND	<30000 *	10000	10000	NS
1,2-Dibromoethane	ND	ND	<30000 *	10000	10000	NS
2-Hexanone	ND	<15000 *	<150000 *	10000	10000	NS

Table 1
Summary of Analytical Results - Soil
Volatile Organic Compounds (VOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	BPB-9	BPB-13	BPB-13	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BPB-9 59-61	BPB-13 11-13	BPB-13 50-52	Recommended	Soil Cleanup	Alternative
Sample Date	6/22/2006	6/1/2006	6/6/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600356	60600072	60600130	Objective	Protect GW	Value
Volatile Organic Compounds (ug/Kg)						
1,3-Dichloropropane	ND	<3100 *	<30000 *	300	300	NS
Tetrachloroethylene	ND	ND	<30000 *	10000	10000	NS
Dibromochloromethane	ND	ND	<30000 *	10000	10000	NS
Chlorobenzene	ND	<3100 *	<30000 *	1700	1700	NS
1,1,1,2-Tetrachloroethane	ND	ND	<30000 *	10000	10000	NS
Ethylbenzene	ND	***17000***	***1600000***	5500	5500	100
M & P XYLENE	ND	***29000***	***1100000***	1200	1200	100
O-XYLENE	ND	***13000***	***490000***	1200	1200	100
Styrene	ND	ND	***73000***	10000	10000	NS
Bromoform	ND	ND	<30000 *	10000	10000	NS
Isopropylbenzene	ND	***3200***	***13000 J***	2300	2300	100
1,1,2,2-Tetrachloroethane	ND	<3100 *	<30000 *	600	600	NS
1,2,3-Trichloropropane	ND	<3100 *	<30000 *	400	340	NS
n-Propylbenzene	ND	1600 J	***38000***	3700	3700	NS
trans-1,4-Dichloro-2-butene	ND	ND	<30000 *	10000	10000	NS
Bromobenzene	ND	ND	<30000 *	10000	10000	NS
2-Chlorotoluene	ND	ND	<30000 *	10000	10000	NS
1,3,5-Trimethylbenzene	ND	***7700***	***160000***	3300	3300	100
4-Chlorotoluene	ND	ND	<30000 *	10000	10000	NS
tert-Butylbenzene	ND	ND	<30000 *	10000	11000	NS
1,2,4-Trimethylbenzene	ND	***30000***	***540000***	10000	13000	100
sec-Butylbenzene	ND	ND	<30000 *	10000	11000	NS
4-Isopropyltoluene	ND	1200 J	6700 J	10000	10000	NS
1,3-Dichlorobenzene	ND	<3100 *	<30000 *	1600	1550	NS
1,4-Dichlorobenzene	ND	ND	<30000 *	8500	8500	NS
n-Butylbenzene	ND	ND	9600 J	10000	12000	NS
1,2-Dichlorobenzene	ND	ND	<30000 *	7900	7900	NS
1,2-Dibromo-3-Chloropropane	ND	ND	<30000	10000	10000	NS
1,2,4-Trichlorobenzene	ND	ND	<30000 *	3400	3400	NS
Hexachlorobutadiene	ND	ND	<30000 *	10000	10000	NS
Naphthalene	ND	***260000 E***	***5700000 E***	13000	13000	200
1,2,3-Trichlorobenzene	ND	ND	<30000 *	10000	10000	NS

Notes:

(1) Bold - Indicates value that exceeded the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives.

(2) Italic - Indicates value that exceeded the NYSDEC TAGM 4046 Soil Cleanup Objectives to Protect Groundwater.

(3) Shaded - Indicates value that exceeded the STARS TCLP Alternative Guidance Value.

(4) ND - Non-detected above laboratory method detection limit.

(5) NS - Not Standard.

(6) I - Internal standard recovery was outside of method limits. Matrix interference was confirmed by re-analysis.

(7) B - Indicates the analyte was found in the blank.

(8) J - Indicates an estimated value.

(9) * - MDL exceeds the NYSDEC TAGM 4046 Recommended Soil Cleanup

(10) E - exceeds instrument calibration range.

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-7A	B-7A	B-7A	B-12A	B-12A	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-7A 5-7	B-7A 43-45	B-7A 59-61	B-12A 19-12	B-12A 70-72	Recommended	Soil Cleanup	Alternative
Sample Date	6/22/2006	6/23/2006	6/23/2006	6/19/2006	6/19/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600355	60600355	60600355	60600355	60600355	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	50000	50000	NS
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	50000	50000	NS
Phenol	<190 *	<190 *	<220 *	<190 *	<190 *	30	30	NS
2-Chlorophenol	ND	ND	ND	ND	ND	800	800	NS
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	50000	50000	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	50000	50000	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	50000	50000	NS
2,2'-oxybis(1-Chloropropane	ND	ND	ND	ND	ND	50000	50000	NS
2-Methyl Phenol	ND	ND	ND	ND	ND	50000	50000	NS
Hexachloroethane	ND	ND	ND	ND	ND	50000	50000	NS
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	50000	50000	NS
3&4-Methyl Phenol	ND	ND	ND	ND	ND	50000	50000	NS
Nitrobenzene	ND	ND	<220 *	ND	ND	200	200	NS
Isophorone	ND	ND	ND	ND	ND	4400	4400	NS
2-Nitrophenol	ND	ND	ND	ND	ND	330	330	NS
2,4-Dimethylphenol	ND	ND	ND	ND	ND	50000	50000	NS
bis (2-Chloroethoxy)	ND	ND	ND	ND	ND	50000	50000	NS
2,4-Dichlorophenol	ND	ND	ND	ND	ND	400	400	NS
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	50000	50000	NS
Naphthalene	ND	320	<220 *	100 J	ND	13000	13000	200
4-Chloroanaline	ND	ND	ND	ND	ND	220	220	NS
Hexachlorobutadiene	ND	ND	ND	ND	ND	50000	50000	NS
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	240	240	NS
2-Methyl Naphthalene	110 J	63 J	ND	90 J	ND	36400	36400	NS
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	50000	50000	NS
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	50000	50000	NS
2,4,5-Trichlorophenol	<190 *	<190 *	<220 *	<190 *	<190 *	100	100	NS
2-Chloronaphthalene	ND	ND	ND	ND	ND	50000	50000	NS
2-Nitroaniline	ND	ND	ND	ND	ND	430	430	NS
Acenaphthylene	ND	ND	ND	86 J	ND	50000	103000	NS
Dimethyl Phthalate	ND	ND	ND	ND	ND	2000	2000	NS
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	1000	1000	NS
Acenapthene	ND	ND	ND	230	ND	50000	92000	400
3-Nitroaniline	ND	ND	ND	ND	ND	500	500	NS
2,4-Dinitrophenol	ND	ND	ND	ND	ND	200	200	NS
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	100	100	NS
Dibenzofuran	ND	ND	ND	110 J	ND	6200	6200	NS
4-Nitrophenol	ND	ND	ND	ND	ND	100	100	NS
Fluorene	ND	ND	ND	180 J	ND	50000	365000	1000

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-7A		B-7A		B-7A		B-12A		B-12A		NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-7A 5-7		B-7A 43-45		B-7A 59-61		B-12A 19-12		B-12A 70-72		Recommended	Soil Cleanup	Alternative
Sample Date	6/22/2006		6/23/2006		6/23/2006		6/19/2006		6/19/2006		Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600355		60600355		60600355		60600355		60600355		Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)													
4-Chlorophenyl Phenyl Ether	ND		ND		ND		ND		ND		50000	50000	NS
Diethyl Phthalate	ND		ND		ND		ND		ND		7100	7100	NS
4-Nitroaniline	ND		ND		ND		ND		ND		50000	50000	NS
2-Methyl-4,6-dinitrophenol	ND		ND		ND		ND		ND		50000	50000	NS
N-Nitrosodiphenylamine	ND		ND		ND		ND		ND		50000	50000	NS
4-Bromophenyl Phenyl Ether	ND		ND		ND		ND		ND		50000	50000	NS
Hexachlorobenzene	ND		ND		ND		ND		ND		410	1400	NS
Pentachlorophenol	ND		ND		ND		ND		ND		1000	1000	NS
Phenanthrene	270		ND		ND		1500		ND		50000	218000	1000
Anthracene	ND		ND		ND		430		ND		50000	700000	1000
Carbazole	ND		ND		ND		220		ND		50000	50000	NS
Di-n-butylphthalate	54	J,B	50	J,B	ND		110	J,B	89	J,B	8100	8100	NS
Fluoranthene	ND		ND		ND		1500		ND		50000	1900000	1000
Benzidine	ND		ND		ND		ND		ND		50000	50000	NS
Pyrene	180	J	ND		ND		3000		ND		50000	665000	1000
Butyl Benzyl Phthalate	ND		ND		ND		ND		ND		50000	122000	NS
3,3'-Dichlorbenzidine	ND		ND		ND		ND		ND		50000	50000	NS
Benzo(a)anthracene	ND		ND		ND		**1100**		ND		224	2800	0.04
Chrysene	ND		ND		ND		***810***		ND		400	400	0.04
bis(2-Ethylhexyl)phthalate	170	J	86	J	ND		460		140	J	50000	435000	NS
Di-n-octyl phthalate	ND		ND		ND		ND		ND		50000	12000	NS
Indeno (1,2,3-cd)Pyrene	ND		ND		ND		75	J	ND		3200	3200	0.04
Benzo(b)fluoranthene	ND		ND		ND		***1700***	I	ND		220	1100	0.04
Benzo(k)fluoranthene	ND		ND		ND		**590**	I	ND		220	1100	0.04
Benzo(a)pyrene	<190	*	<190	*	<220	*	**1400**	I	<190	*	61	11000	0.04
Dibenzo(a,h)Anthracene	<190	*	<190	*	<220	*	<190	I*	<190	*	14.3	1650000	1000
Benzo (g,h,i) perylene	ND		ND		ND		310	I	ND		50000	800000	0.04

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-13A	B-13A	B-13A	B-15A	B-15A	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-13A 5-7	B-13A 35-37	B-13A 65-67	B-15A 9-11	B-15A 61-63	Recommended	Soil Cleanup	Alternative
Sample Date	6/2/2006	6/2/2006	6/5/2006	6/5/2006	6/6/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600070	60600070	60600070	60600070	60600132	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	50000	50000	NS
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	50000	50000	NS
Phenol	<190 *	<200 *	<210 *	<10000 *	<200 *	30	30	NS
2-Chlorophenol	ND	ND	ND	<10000 *	ND	800	800	NS
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	50000	50000	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	50000	50000	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	50000	50000	NS
2,2'-oxybis(1-Chloropropane	ND	ND	ND	ND	ND	50000	50000	NS
2-Methyl Phenol	ND	ND	ND	ND	ND	50000	50000	NS
Hexachloroethane	ND	ND	ND	ND	ND	50000	50000	NS
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	50000	50000	NS
3&4-Methyl Phenol	ND	ND	ND	ND	ND	50000	50000	NS
Nitrobenzene	ND	ND	<210 *	<10000 *	ND	200	200	NS
Isophorone	ND	ND	ND	<10000 *	ND	4400	4400	NS
2-Nitrophenol	ND	ND	ND	<10000 *	ND	330	330	NS
2,4-Dimethylphenol	ND	ND	ND	ND	ND	50000	50000	NS
bis (2-Chloroethoxy)	ND	ND	ND	ND	ND	50000	50000	NS
2,4-Dichlorophenol	ND	ND	ND	<10000 *	ND	400	400	NS
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	50000	50000	NS
Naphthalene	680	ND	ND	***27000***	2200	13000	13000	200
4-Chloroanaline	ND	ND	ND	ND *	ND	220	220	NS
Hexachlorobutadiene	ND	ND	ND	ND	ND	50000	50000	NS
4-Chloro-3-methylphenol	ND	ND	ND	<10000 *	ND	240	240	NS
2-Methyl Naphthalene	760	47 J	ND	14000	1100	36400	36400	NS
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	50000	50000	NS
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	50000	50000	NS
2,4,5-Trichlorophenol	ND	<200 *	<210 *	<10000 *	<200 *	100	100	NS
2-Chloronaphthalene	ND	ND	ND	ND	ND	50000	50000	NS
2-Nitroaniline	ND	ND	ND	<10000 *	ND	430	430	NS
Acenaphthylene	ND	ND	ND	ND	78 J	50000	103000	NS
Dimethyl Phthalate	ND	ND	ND	<10000 *	ND	2000	2000	NS
2,6-Dinitrotoluene	ND	ND	ND	<10000 *	ND	1000	1000	NS
Acenapthene	77 J	ND	ND	ND	380	50000	92000	400
3-Nitroaniline	ND	ND	ND	<10000 *	ND	500	500	NS
2,4-Dinitrophenol	ND	<200 *	<210 *	<10000 *	<200 *	200	200	NS
2,4-Dinitrotoluene	ND	<200 *	<210 *	<10000 *	<200 *	100	100	NS
Dibenzofuran	ND	ND	ND	<10000 *	ND	6200	6200	NS
4-Nitrophenol	ND	<200 *	<210 *	<10000 *	<200 *	100	100	NS
Fluorene	56 J	ND	ND	ND	110 J	50000	365000	1000

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-13A	B-13A	B-13A	B-15A	B-15A	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-13A 5-7	B-13A 35-37	B-13A 65-67	B-15A 9-11	B-15A 61-63	Recommended	Soil Cleanup	Alternative
Sample Date	6/2/2006	6/2/2006	6/5/2006	6/5/2006	6/6/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600070	60600070	60600070	60600070	60600132	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
4-Chlorophenyl Phenyl Ether	ND	ND	ND	ND	ND	50000	50000	NS
Diethyl Phthalate	ND	ND	ND	<10000 *	ND	7100	7100	NS
4-Nitroaniline	ND	ND	ND	ND	ND	50000	50000	NS
2-Methyl-4,6-dinitrophenol	ND	ND	ND	ND	ND	50000	50000	NS
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	50000	50000	NS
4-Bromophenyl Phenyl Ether	ND	ND	ND	ND	ND	50000	50000	NS
Hexachlorobenzene	ND	ND	ND	<10000 *	ND	410	1400	NS
Pentachlorophenol	ND	ND	ND	<10000 *	ND	1000	1000	NS
Phenanthrene	ND	ND	ND	ND	ND	50000	218000	1000
Anthracene	ND	ND	ND	ND	ND	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	50000	50000	NS
Di-n-butylphthalate	ND	ND	ND	<10000 *	ND	8100	8100	NS
Fluoranthene	ND	ND	ND	ND	ND	50000	1900000	1000
Benzidine	ND	ND	ND	ND	ND	50000	50000	NS
Pyrene	280	ND	ND	ND	ND	50000	665000	1000
Butyl Benzyl Phthalate	ND	ND	ND	ND	ND	50000	122000	NS
3,3'-Dichlorbenzidine	ND	ND	ND	ND	ND	50000	50000	NS
Benzo(a)anthracene	ND	ND	ND	<10000 *	ND	224	2800	0.04
Chrysene	ND	ND	ND	<10000 *	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	50000	435000	NS
Di-n-octyl phthalate	ND	ND	ND	ND	ND	50000	12000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	<10000 *	ND	3200	3200	0.04
Benzo(b)fluoranthene	ND I	ND	ND	<10000 I	ND	220	1100	0.04
Benzo(k)fluoranthene	ND I	ND	ND	<10000 I	ND	220	1100	0.04
Benzo(a)pyrene	41 J, I	<200 *	<210 *	<10000 I	<200 *	61	11000	0.04
Dibenzo(a,h)Anthracene	<190 I*	<200 *	<210 *	<10000 I	<200 *	14.3	1650000	1000
Benzo (g,h,i) perylene	ND I	ND	ND	<10000 I	ND	50000	800000	0.04

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-16A	B-16A	B-16A	B-20A	B-20A	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-16A 5-7	B-15A 25-27	B-16A 67-69	B-20A 19-21	B-20A 51-53	Recommended	Soil Cleanup	Alternative
Sample Date	6/27/2006	6/27/2006	6/27/2006	6/26/2006	6/28/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600399	60600399	60600399	60600399	60600399	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
bis(2-Chloroethyl)ether	ND	ND	ND	<52000 *	ND	50000	50000	NS
N-Nitrosodimethylamine	ND	ND	ND	<52000 *	ND	50000	50000	NS
Phenol	<2000 *	<190 *	<210 *	<52000 *	<200 *	30	30	NS
2-Chlorophenol	<2000 *	ND	ND	<52000 *	ND	800	800	NS
1,3-Dichlorobenzene	ND	ND	ND	<52000 *	ND	50000	50000	NS
1,4-Dichlorobenzene	ND	ND	ND	<52000 *	ND	50000	50000	NS
1,2-Dichlorobenzene	ND	ND	ND	<52000 *	ND	50000	50000	NS
2,2'-oxybis(1-Chloropropane	ND	ND	ND	<52000 *	ND	50000	50000	NS
2-Methyl Phenol	ND	ND	ND	<52000 *	ND	50000	50000	NS
Hexachloroethane	ND	ND	ND	<52000 *	ND	50000	50000	NS
N-Nitroso-di-n-propylamine	ND	ND	ND	<52000 *	ND	50000	50000	NS
3&4-Methyl Phenol	ND	ND	ND	<100000 *	ND	50000	50000	NS
Nitrobenzene	<2000 *	ND	<210 *	<52000 *	<200 *	200	200	NS
Isophorone	ND	ND	ND	<52000 *	ND	4400	4400	NS
2-Nitrophenol	<2000 *	ND	ND	<52000 *	ND	330	330	NS
2,4-Dimethylphenol	ND	ND	ND	<52000 *	ND	50000	50000	NS
bis (2-Chloroethoxy)	ND	ND	ND	<52000 *	ND	50000	50000	NS
2,4-Dichlorophenol	<2000 *	ND	ND	<52000 *	ND	400	400	NS
1,2,4-Trichlorobenzene	ND	ND	ND	<52000 *	ND	50000	50000	NS
Naphthalene	ND	290	210	***550000***	500	13000	13000	200
4-Chloroanaline	<2000 *	ND	ND	<52000 *	ND	220	220	NS
Hexachlorobutadiene	ND	ND	ND	<52000 *	ND	50000	50000	NS
4-Chloro-3-methylphenol	<2000 *	ND	ND	<52000 *	ND	240	240	NS
2-Methyl Naphthalene	ND	89 J	69 J	210000	64 J	36400	36400	NS
Hexachlorocyclopentadiene	ND	ND	ND	<52000 *	ND	50000	50000	NS
2,4,6-Trichlorophenol	ND	ND	ND	<52000 *	ND	50000	50000	NS
2,4,5-Trichlorophenol	<2000 *	<190 *	<210 *	<52000 *	<200 *	100	100	NS
2-Chloronaphthalene	ND	ND	ND	<52000 *	ND	50000	50000	NS
2-Nitroaniline	<2000 *	ND	ND	<52000 *	ND	430	430	NS
Acenaphthylene	ND	ND	43 J	***130000***	ND	50000	103000	NS
Dimethyl Phthalate	<2000 *	ND	ND	<52000 *	ND	2000	2000	NS
2,6-Dinitrotoluene	<2000 *	ND	ND	<52000 *	ND	1000	1000	NS
Acenapthene	ND	ND	ND	<52000 *	ND	50000	92000	400
3-Nitroaniline	<2000 *	ND	ND	<52000 *	ND	500	500	NS
2,4-Dinitrophenol	<2000 *	ND	ND	<52000 *	<200 *	200	200	NS
2,4-Dinitrotoluene	<2000 *	<190 *	<210 *	<52000 *	<200 *	100	100	NS
Dibenzofuran	ND	ND	ND	<52000 *	ND	6200	6200	NS
4-Nitrophenol	<2000 *	<190 *	<210 *	<52000 *	<200 *	100	100	NS
Fluorene	ND	ND	ND	34000 J	ND	50000	365000	1000

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-16A	B-16A	B-16A	B-20A	B-20A	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-16A 5-7	B-15A 25-27	B-16A 67-69	B-20A 19-21	B-20A 51-53	Recommended	Soil Cleanup	Alternative
Sample Date	6/27/2006	6/27/2006	6/27/2006	6/26/2006	6/28/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600399	60600399	60600399	60600399	60600399	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
4-Chlorophenyl Phenyl Ether	ND	ND	ND	<52000 *	ND	50000	50000	NS
Diethyl Phthalate	ND	ND	ND	<52000 *	ND	7100	7100	NS
4-Nitroaniline	ND	ND	ND	<52000 *	ND	50000	50000	NS
2-Methyl-4,6-dinitrophenol	ND	ND	ND	<52000 *	ND	50000	50000	NS
N-Nitrosodiphenylamine	ND	ND	ND	<52000 *	ND	50000	50000	NS
4-Bromophenyl Phenyl Ether	ND	ND	ND	<52000 *	ND	50000	50000	NS
Hexachlorobenzene	<2000 *	ND	ND	<52000 *	ND	410	1400	NS
Pentachlorophenol	<2000 *	ND	ND	<52000 *	ND	1000	1000	NS
Phenanthrene	1000 J	ND	ND	***87000***	ND	50000	218000	1000
Anthracene	ND	ND	ND	27000 J	ND	50000	700000	1000
Carbazole	ND	ND	ND	<52000 *	ND	50000	50000	NS
Di-n-butylphthalate	ND	ND	ND	<52000 *	ND	8100	8100	NS
Fluoranthene	2900	ND	170 J	**59000**	160 J	50000	1900000	1000
Benzidine	ND	ND	ND	<52000 *	ND	50000	50000	NS
Pyrene	960 J	ND	ND	<52000 *	ND	50000	665000	1000
Butyl Benzyl Phthalate	ND	ND	ND	<52000 *	ND	50000	122000	NS
3,3'-Dichlorbenzidine	ND	ND	ND	<52000 *	ND	50000	50000	NS
Benzo(a)anthracene	**980** J	ND	ND	***15000*** J	ND	224	2800	0.04
Chrysene	***880*** J	ND	ND	***12000*** J	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	ND	ND	<52000 *	ND	50000	435000	NS
Di-n-octyl phthalate	ND	ND	ND	<52000 *	ND	50000	12000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	<52000 *	ND	3200	3200	0.04
Benzo(b)fluoranthene	***1600*** J	ND	ND	<52000 *	ND	220	1100	0.04
Benzo(k)fluoranthene	**520** J	ND	ND	<52000 *	ND	220	1100	0.04
Benzo(a)pyrene	**1300** J	<190 *	<210 *	***11000*** J	<200 *	61	11000	0.04
Dibenzo(a,h)Anthracene	<2000 *	<190 *	<210 *	<52000 *	<200 *	14.3	1650000	1000
Benzo (g,h,i) perylene	ND	ND	ND	<52000 *	ND	50000	800000	0.04

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-24A		B-24A		B-28		B-28		B-29		NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-24A 13-15		B-24A 70-72		B-28 19-21		B-28 70-72		B-29 17-19		Recommended Soil Cleanup Objective	Soil Cleanup Objectives to Protect GW	Alternative Guidance Value
Sample Date	6/16/2006		6/16/2006		6/12/2006		6/15/2006		5/30/2006				
Lab Identification Number	60600266		60600266		60600266		60600266		60500338				
Semivolatile Organic Compounds (ug/Kg)													
bis(2-Chloroethyl)ether	ND		ND		ND		ND		ND		50000	50000	NS
N-Nitrosodimethylamine	ND		ND		ND		ND		ND		50000	50000	NS
Phenol	<290	*	<200	*	<210	*	<200	*	<2600	*	30	30	NS
2-Chlorophenol	ND		ND		ND		ND		<2600	*	800	800	NS
1,3-Dichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
1,4-Dichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
1,2-Dichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
2,2'-oxybis(1-Chloropropane	ND		ND		ND		ND		ND		50000	50000	NS
2-Methyl Phenol	ND		ND		ND		ND		ND		50000	50000	NS
Hexachloroethane	ND		ND		ND		ND		ND		50000	50000	NS
N-Nitroso-di-n-propylamine	ND		ND		ND		ND		ND		50000	50000	NS
3&4-Methyl Phenol	ND		ND		ND		ND		ND		50000	50000	NS
Nitrobenzene	<290	*	<200	*	<210	*	<200	*	<2600	*	200	200	NS
Isophorone	ND		ND		ND		ND		<2600		4400	4400	NS
2-Nitrophenol	ND		ND		ND		ND		<2600	*	330	330	NS
2,4-Dimethylphenol	ND		ND		ND		ND		ND		50000	50000	NS
bis (2-Chloroethoxy)	ND		ND		ND		ND		ND		50000	50000	NS
2,4-Dichlorophenol	ND		ND		ND		ND		<2600	*	400	400	NS
1,2,4-Trichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
Naphthalene	ND		ND		ND		ND		2000	J	13000	13000	200
4-Chloroanaline	<290	*	ND		ND		ND		<2600	*	220	220	NS
Hexachlorobutadiene	ND		ND		ND		ND		ND		50000	50000	NS
4-Chloro-3-methylphenol	<290	*	ND		ND		ND		<2600	*	240	240	NS
2-Methyl Naphthalene	ND		ND		ND		ND		1200	J	36400	36400	NS
Hexachlorocyclopentadiene	ND		ND		ND		ND		ND		50000	50000	NS
2,4,6-Trichlorophenol	ND		ND		ND		ND		ND		50000	50000	NS
2,4,5-Trichlorophenol	<290	*	<200	*	<210	*	<200	*	<2600	*	100	100	NS
2-Chloronaphthalene	ND		ND		ND		ND		<2600		50000	50000	NS
2-Nitroaniline	ND		ND		ND		ND		<2600	*	430	430	NS
Acenaphthylene	75	J	ND		ND		ND		ND		50000	103000	NS
Dimethyl Phthalate	<290		ND		ND		ND		<2600	*	2000	2000	NS
2,6-Dinitrotoluene	ND		ND		ND		ND		<2600	*	1000	1000	NS
Acenapthene	97	J	ND		ND		ND		870	J	50000	92000	400
3-Nitroaniline	ND		ND		ND		ND		<2600	*	500	500	NS
2,4-Dinitrophenol	<290	*	<200	*	<210	*	<200	*	<2600	*	200	200	NS
2,4-Dinitrotoluene	<290	*	<200	*	<210	*	<200	*	<2600	*	100	100	NS
Dibenzofuran	ND		ND		ND		ND		ND		6200	6200	NS
4-Nitrophenol	<290	*	<200	*	<210	*	<200	*	<2600	*	100	100	NS
Fluorene	96	J	ND		ND		ND		ND		50000	365000	1000

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-24A	B-24A	B-28	B-28	B-29	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-24A 13-15	B-24A 70-72	B-28 19-21	B-28 70-72	B-29 17-19	Recommended	Soil Cleanup	Alternative
Sample Date	6/16/2006	6/16/2006	6/12/2006	6/15/2006	5/30/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600266	60600266	60600266	60600266	60500338	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
4-Chlorophenyl Phenyl Ether	ND	ND	ND	ND	ND	50000	50000	NS
Diethyl Phthalate	ND	ND	ND	ND	ND	7100	7100	NS
4-Nitroaniline	ND	ND	ND	ND	ND	50000	50000	NS
2-Methyl-4,6-dinitrophenol	ND	ND	ND	ND	ND	50000	50000	NS
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	50000	50000	NS
4-Bromophenyl Phenyl Ether	ND	ND	ND	ND	ND	50000	50000	NS
Hexachlorobenzene	ND	ND	ND	ND	<2600 *	410	1400	NS
Pentachlorophenol	ND	ND	ND	ND	<2600 *	1000	1000	NS
Phenanthrene	320	ND	ND	52 J	ND	50000	218000	1000
Anthracene	170 J	ND	ND	ND	ND	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	50000	50000	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	560	ND	ND	ND	ND	50000	1900000	1000
Benzidine	ND	ND	ND	ND	ND	50000	50000	NS
Pyrene	950	ND	ND	ND	1100 J	50000	665000	1000
Butyl Benzyl Phthalate	ND	ND	ND	110 J	<2600	50000	122000	NS
3,3'-Dichlorbenzidine	ND	ND	ND	ND	ND	50000	50000	NS
Benzo(a)anthracene	**540**	ND	ND	ND	<2600 *	224	2800	0.04
Chrysene	**520**	ND	ND	ND	<2600 *	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	53 J	ND	320	ND	50000	435000	NS
Di-n-octyl phthalate	ND	<200	ND	ND	ND	50000	12000	NS
Indeno (1,2,3-cd)Pyrene	91 J	ND	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	**820**	ND	ND	ND	<2600 *	220	1100	0.04
Benzo(k)fluoranthene	**330**	ND	ND	ND	<2600 *	220	1100	0.04
Benzo(a)pyrene	**800**	<200 *	<210 *	<200 *	<2600 *	61	11000	0.04
Dibenzo(a,h)Anthracene	<290 *	<200 *	<210 *	<200 *	<2600 *	14.3	1650000	1000
Benzo (g,h,i) perylene	210 J	ND	ND	ND	ND	50000	800000	0.04

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-29	B-30	B-30	B-31	B-31	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-29 66-68	B-30 5-7	B-30 65-67	B-31 5-7	B-31 64-66	Recommended	Soil Cleanup	Alternative
Sample Date	5/31/2006	6/20/2006	6/20/2006	6/1/2006	6/1/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600070	60600355	60600355	60600070	60600070	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	50000	50000	NS
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	50000	50000	NS
Phenol	<200 *	<1000 *	<200 *	<950 *	<200 *	30	30	NS
2-Chlorophenol	ND	<1000 *	ND	ND	ND	800	800	NS
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	50000	50000	NS
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	50000	50000	NS
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	50000	50000	NS
2,2'-oxybis(1-Chloropropane	ND	ND	ND	ND	ND	50000	50000	NS
2-Methyl Phenol	ND	ND	ND	ND	ND	50000	50000	NS
Hexachloroethane	ND	ND	ND	ND	ND	50000	50000	NS
N-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	50000	50000	NS
3&4-Methyl Phenol	ND	ND	ND	ND	ND	50000	50000	NS
Nitrobenzene	<200 *	<1000 *	<200 *	<950 *	<200 *	200	200	NS
Isophorone	ND	ND	ND	ND	ND	4400	4400	NS
2-Nitrophenol	ND	<1000 *	ND	<950 *	ND	330	330	NS
2,4-Dimethylphenol	ND	<1000	ND	ND	ND	50000	50000	NS
bis (2-Chloroethoxy)	ND	ND	ND	ND	ND	50000	50000	NS
2,4-Dichlorophenol	ND	<1000 *	ND	<950 *	ND	400	400	NS
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	50000	50000	NS
Naphthalene	ND	ND	ND	ND	ND	13000	13000	200
4-Chloroanaline	ND	<1000 *	ND	<950 *	ND	220	220	NS
Hexachlorobutadiene	ND	ND	ND	ND	ND	50000	50000	NS
4-Chloro-3-methylphenol	ND	<1000 *	ND	<950 *	ND	240	240	NS
2-Methyl Naphthalene	ND	ND	ND	6000	ND	36400	36400	NS
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	50000	50000	NS
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	50000	50000	NS
2,4,5-Trichlorophenol	<200 *	<1000 *	<200 *	<950 *	<200 *	100	100	NS
2-Chloronaphthalene	ND	ND	ND	ND	ND	50000	50000	NS
2-Nitroaniline	ND	<1000 *	ND	<950 *	ND	430	430	NS
Acenaphthylene	ND	ND	ND	ND	ND	50000	103000	NS
Dimethyl Phthalate	ND	ND	ND	ND	ND	2000	2000	NS
2,6-Dinitrotoluene	ND	<1000 *	ND	ND	ND	1000	1000	NS
Acenapthene	ND	ND	ND	2000	ND	50000	92000	400
3-Nitroaniline	ND	<1000 *	ND	<950 *	ND	500	500	NS
2,4-Dinitrophenol	<200 *	<1000 *	<200 *	<950 *	<200 *	200	200	NS
2,4-Dinitrotoluene	<200 *	<1000 *	<200 *	<950 *	<200 *	100	100	NS
Dibenzofuran	ND	ND	ND	ND	ND	6200	6200	NS
4-Nitrophenol	<200 *	<1000 *	<200 *	<950 *	<200 *	100	100	NS
Fluorene	ND	ND	ND	ND	ND	50000	365000	1000

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-29	B-30	B-30	B-31	B-31	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-29 66-68	B-30 5-7	B-30 65-67	B-31 5-7	B-31 64-66	Recommended	Soil Cleanup	Alternative
Sample Date	5/31/2006	6/20/2006	6/20/2006	6/1/2006	6/1/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600070	60600355	60600355	60600070	60600070	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
4-Chlorophenyl Phenyl Ether	ND	ND	ND	ND	ND	50000	50000	NS
Diethyl Phthalate	ND	ND	ND	ND	ND	7100	7100	NS
4-Nitroaniline	ND	ND	ND	ND	ND	50000	50000	NS
2-Methyl-4,6-dinitrophenol	ND	ND	ND	ND	ND	50000	50000	NS
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	50000	50000	NS
4-Bromophenyl Phenyl Ether	ND	ND	ND	ND	ND	50000	50000	NS
Hexachlorobenzene	ND	<1000 *	ND	ND	ND	410	1400	NS
Pentachlorophenol	ND	ND	ND	ND	ND	1000	1000	NS
Phenanthrene	ND	ND	ND	ND	ND	50000	218000	1000
Anthracene	ND	ND	ND	ND	ND	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	50000	50000	NS
Di-n-butylphthalate	ND	ND	84 J,B	ND	ND	8100	8100	NS
Fluoranthene	ND	600 J	ND	ND	ND	50000	1900000	1000
Benzidine	ND	ND	ND	ND I	ND	50000	50000	NS
Pyrene	ND	3500	ND	4100 I	ND	50000	665000	1000
Butyl Benzyl Phthalate	77 J, B	ND	ND	690 J, B, I	ND	50000	122000	NS
3,3'-Dichlorbenzidine	ND	ND	ND	ND I	ND	50000	50000	NS
Benzo(a)anthracene	ND	**1700 ***	ND	<950 I*	ND	224	2800	0.04
Chrysene	ND	***1200*** *	ND	<950 I*	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	ND	47 J	280 J, I	ND	50000	435000	NS
Di-n-octyl phthalate	ND	ND	ND	<950 I	ND	50000	12000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	<950 I	ND	3200	3200	0.04
Benzo(b)fluoranthene	ND	**800** J	ND	<950 I*	ND	220	1100	0.04
Benzo(k)fluoranthene	ND	<1000 *	ND	<950 I*	ND	220	1100	0.04
Benzo(a)pyrene	<200 *	**2200 ***	<200 *	<950 I*	<200 *	61	11000	0.04
Dibenzo(a,h)Anthracene	<200 *	<1000 *	<200 *	<950 I*	<200 *	14.3	1650000	1000
Benzo (g,h,i) perylene	ND	580 J	ND	ND I	ND	50000	800000	0.04

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-32		B-32D		B-32		B-33		B-33		NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-32 7-9		B-32D 7-9		B-32 49-51		B-33 9-11		B-33 59-61		Recommended	Soil Cleanup	Alternative
Sample Date	6/21/2006		6/21/2006		6/22/2006		6/5/2006		6/7/2006		Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600355		60600355		60600355		60600132		60600132		Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)													
bis(2-Chloroethyl)ether	ND		ND		ND		ND		ND		50000	50000	NS
N-Nitrosodimethylamine	ND		ND		ND		ND		ND		50000	50000	NS
Phenol	<200	*	<190	*	<200	*	<200	*	<200	*	30	30	NS
2-Chlorophenol	ND		ND		ND		ND		<200		800	800	NS
1,3-Dichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
1,4-Dichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
1,2-Dichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
2,2'-oxybis(1-Chloropropane	ND		ND		ND		ND		ND		50000	50000	NS
2-Methyl Phenol	ND		ND		ND		ND		ND		50000	50000	NS
Hexachloroethane	ND		ND		ND		ND		ND		50000	50000	NS
N-Nitroso-di-n-propylamine	ND		ND		ND		ND		ND		50000	50000	NS
3&4-Methyl Phenol	ND		ND		ND		ND		ND		50000	50000	NS
Nitrobenzene	<200	*	ND		<200	*	<200	*	<200	*	200	200	NS
Isophorone	ND		ND		ND		ND		ND		4400	4400	NS
2-Nitrophenol	ND		ND		ND		ND		ND		330	330	NS
2,4-Dimethylphenol	ND		ND		ND		ND		ND		50000	50000	NS
bis (2-Chloroethoxy)	ND		ND		ND		ND		ND		50000	50000	NS
2,4-Dichlorophenol	ND		ND		ND		ND		ND		400	400	NS
1,2,4-Trichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
Naphthalene	ND		ND		ND		150	J	1600		13000	13000	200
4-Chloroanaline	ND		ND		ND		ND		ND		220	220	NS
Hexachlorobutadiene	ND		ND		ND		ND		ND		50000	50000	NS
4-Chloro-3-methylphenol	ND		ND		ND		ND		ND		240	240	NS
2-Methyl Naphthalene	ND		ND		ND		80	J	340		36400	36400	NS
Hexachlorocyclopentadiene	ND		ND		ND		ND		ND		50000	50000	NS
2,4,6-Trichlorophenol	ND		ND		ND		ND		ND		50000	50000	NS
2,4,5-Trichlorophenol	<200	*	<190	*	<200	*	<200	*	<200	*	100	100	NS
2-Chloronaphthalene	ND		ND		ND		ND		ND		50000	50000	NS
2-Nitroaniline	ND		ND		ND		ND		ND		430	430	NS
Acenaphthylene	ND		ND		ND		ND		86	J	50000	103000	NS
Dimethyl Phthalate	ND		ND		ND		ND		ND		2000	2000	NS
2,6-Dinitrotoluene	ND		ND		ND		ND		ND		1000	1000	NS
Acenapthene	ND		ND		ND		42	J	ND		50000	92000	400
3-Nitroaniline	ND		ND		ND		ND		ND		500	500	NS
2,4-Dinitrophenol	<200	*	<190		<200	*	<200	*	<200	*	200	200	NS
2,4-Dinitrotoluene	<200	*	<190	*	<200	*	<200	*	<200	*	100	100	NS
Dibenzofuran	ND		ND		ND		ND		ND		6200	6200	NS
4-Nitrophenol	<200	*	<190	*	<200	*	<200	*	<200	*	100	100	NS
Fluorene	ND		ND		ND		ND		ND		50000	365000	1000

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-32	B-32D	B-32	B-33	B-33	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-32 7-9	B-32D 7-9	B-32 49-51	B-33 9-11	B-33 59-61	Recommended	Soil Cleanup	Alternative
Sample Date	6/21/2006	6/21/2006	6/22/2006	6/5/2006	6/7/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600355	60600355	60600355	60600132	60600132	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
4-Chlorophenyl Phenyl Ether	ND	ND	ND	ND	ND	50000	50000	NS
Diethyl Phthalate	ND	ND	ND	ND	ND	7100	7100	NS
4-Nitroaniline	ND	ND	ND	ND	ND	50000	50000	NS
2-Methyl-4,6-dinitrophenol	ND	ND	ND	ND	ND	50000	50000	NS
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	50000	50000	NS
4-Bromophenyl Phenyl Ether	ND	ND	ND	ND	ND	50000	50000	NS
Hexachlorobenzene	ND	ND	ND	ND	ND	410	1400	NS
Pentachlorophenol	ND	ND	ND	ND	ND	1000	1000	NS
Phenanthrene	75 J	170 J	ND	ND	ND	50000	218000	1000
Anthracene	ND	ND	ND	ND	ND	50000	700000	1000
Carbazole	ND	ND	ND	ND	ND	50000	50000	NS
Di-n-butylphthalate	65 J,B	78 J,B	66 J,B	ND	ND	8100	8100	NS
Fluoranthene	94 J	250	ND	ND	ND	50000	1900000	1000
Benzidine	ND	ND	ND	ND	ND	50000	50000	NS
Pyrene	190 J	550	ND	ND	ND	50000	665000	1000
Butyl Benzyl Phthalate	ND	ND	ND	ND	ND	50000	122000	NS
3,3'-Dichlorbenzidine	ND	ND	ND	ND	ND	50000	50000	NS
Benzo(a)anthracene	98 J	290	ND	ND	ND	224	2800	0.04
Chrysene	110 J	380	ND	ND	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	69 J	140 J	41 J	ND	ND	50000	435000	NS
Di-n-octyl phthalate	ND	ND	ND	ND	ND	50000	12000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	100 J	**290**	ND	ND	ND	220	1100	0.04
Benzo(k)fluoranthene	ND	77 J	ND	ND	ND	220	1100	0.04
Benzo(a)pyrene	**96** J	**270**	<200 *	<200 *	<200 *	61	11000	0.04
Dibenzo(a,h)Anthracene	<200 *	<190 *	<200 *	<200 *	<200 *	14.3	1650000	1000
Benzo (g,h,i) perylene	ND	54 J	ND	ND	ND	50000	800000	0.04

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-34		B-34D		B-34		BPB-4		BPB-4		NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-34 15-17		B-34D 15-17		B-34 67-69		BPB-4 19-21		BPB-4 45-47		Recommended	Soil Cleanup	Alternative
Sample Date	6/29/2006		6/29/2006		6/30/2006		7/13/2006		7/13/2006		Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60700004		60700004		60700004		60700128		60700128		Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)													
bis(2-Chloroethyl)ether	ND		ND		ND		ND		ND		50000	50000	NS
N-Nitrosodimethylamine	ND		ND		ND		ND		ND		50000	50000	NS
Phenol	<1500	*	<1500	*	<210	*	<2400	*	<190	*	30	30	NS
2-Chlorophenol	<1500	*	ND	*	<210		<2400	*	ND		800	800	NS
1,3-Dichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
1,4-Dichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
1,2-Dichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
2,2'-oxybis(1-Chloropropane	ND		ND		ND		ND		ND		50000	50000	NS
2-Methyl Phenol	ND		ND		ND		ND		ND		50000	50000	NS
Hexachloroethane	ND		ND		ND		ND		ND		50000	50000	NS
N-Nitroso-di-n-propylamine	ND		ND		ND		ND		ND		50000	50000	NS
3&4-Methyl Phenol	ND		ND		ND		ND		ND		50000	50000	NS
Nitrobenzene	<1500	*	<1500	*	ND		<2400	*	ND		200	200	NS
Isophorone	ND		ND		ND		ND		ND		4400	4400	NS
2-Nitrophenol	<1500	*	<1500	*	ND		<2400	*	ND		330	330	NS
2,4-Dimethylphenol	ND		ND		ND		ND		ND		50000	50000	NS
bis (2-Chloroethoxy)	ND		ND		ND		ND		ND		50000	50000	NS
2,4-Dichlorophenol	<1500	*	<1500	*	ND		<2400	*	ND		400	400	NS
1,2,4-Trichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
Naphthalene	12000		12000		ND		***18000***		ND		13000	13000	200
4-Chloroanaline	<1500	*	ND	*	ND		<2400	*	ND		220	220	NS
Hexachlorobutadiene	ND		ND		ND		ND		ND		50000	50000	NS
4-Chloro-3-methylphenol	<1500	*	<1500	*	ND		<2400	*	ND		240	240	NS
2-Methyl Naphthalene	ND		2300		ND		6900		ND		36400	36400	NS
Hexachlorocyclopentadiene	ND		ND		ND		ND		ND		50000	50000	NS
2,4,6-Trichlorophenol	ND		ND		ND		ND		ND		50000	50000	NS
2,4,5-Trichlorophenol	<1500	*	<1500	*	<210	*	<2400	*	<190	*	100	100	NS
2-Chloronaphthalene	ND		ND		ND		ND		ND		50000	50000	NS
2-Nitroaniline	<1500	*	<1500	*	ND		<2400	*	ND		430	430	NS
Acenaphthylene	2300		2600		ND		14000		ND		50000	103000	NS
Dimethyl Phthalate	ND		ND		ND		<2400	*	ND		2000	2000	NS
2,6-Dinitrotoluene	<1500	*	<1500	*	ND		<2400	*	ND		1000	1000	NS
Acenapthene	2700		3600		ND		18000		ND		50000	92000	400
3-Nitroaniline	<1500	*	<1500	*	ND		<2400	*	ND		500	500	NS
2,4-Dinitrophenol	<1500	*	<1500	*	<210	*	<2400	*	ND		200	200	NS
2,4-Dinitrotoluene	<1500	*	<1500	*	<210	*	<2400	*	<190	*	100	100	NS
Dibenzofuran	1400	J	1900		ND		***14000***		ND		6200	6200	NS
4-Nitrophenol	<1500	*	<1500	*	<210	*	<2400	*	<190	*	100	100	NS
Fluorene	1900		2500		ND		20000		ND		50000	365000	1000

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	B-34	B-34D	B-34	BPB-4	BPB-4	NYSDEC	NYSDEC	STARS TCLP
Sample ID	B-34 15-17	B-34D 15-17	B-34 67-69	BPB-4 19-21	BPB-4 45-47	Recommended	Soil Cleanup	Alternative
Sample Date	6/29/2006	6/29/2006	6/30/2006	7/13/2006	7/13/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60700004	60700004	60700004	60700128	60700128	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)								
4-Chlorophenyl Phenyl Ether	ND	ND	ND	ND	ND	50000	50000	NS
Diethyl Phthalate	ND	ND	ND	ND	ND	7100	7100	NS
4-Nitroaniline	ND	ND	ND	ND	ND	50000	50000	NS
2-Methyl-4,6-dinitrophenol	ND	ND	ND	ND I	ND	50000	50000	NS
N-Nitrosodiphenylamine	ND	ND	ND	ND I	ND	50000	50000	NS
4-Bromophenyl Phenyl Ether	ND	ND	ND	ND I	ND	50000	50000	NS
Hexachlorobenzene	<1500 *	<1500 *	ND	<2400 I*	ND	410	1400	NS
Pentachlorophenol	ND	ND	ND	<2400 I*	ND	1000	1000	NS
Phenanthrene	8800	13000	ND	48000 I	57 J	50000	218000	1000
Anthracene	2600	3900	ND	21000 I	42 J	50000	700000	1000
Carbazole	760 J	930 J	ND	5700 I	ND	50000	50000	NS
Di-n-butylphthalate	ND	ND	51 J,B	ND I	84 J	8100	8100	NS
Fluoranthene	7900	11000	170 J	29000 I	180 J	50000	1900000	1000
Benzidine	ND	ND	ND	ND	ND	50000	50000	NS
Pyrene	5100	8100	ND	***51000***	ND	50000	665000	1000
Butyl Benzyl Phthalate	ND	ND	ND	ND	ND	50000	122000	NS
3,3'-Dichlorbenzidine	ND	ND	ND	ND	ND	50000	50000	NS
Benzo(a)anthracene	***3300***	***4500***	ND	***19000***	ND	224	2800	0.04
Chrysene	***2900***	***4000***	ND	***14000***	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	50000	435000	NS
Di-n-octyl phthalate	ND	ND	ND	ND	ND	50000	12000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	ND	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	***3800***	***5200***	ND	***27000 I***	ND	220	1100	0.04
Benzo(k)fluoranthene	***1600***	***2300***	ND	***11000 I***	ND	220	1100	0.04
Benzo(a)pyrene	**3700**	**4900**	<210 *	***20000 I***	<190 *	61	11000	0.04
Dibenzo(a,h)Anthracene	<1500 *	<1500 *	<210 *	<2400 I*	<190 *	14.3	1650000	1000
Benzo (g,h,i) perylene	ND	ND	ND	ND I	ND	50000	800000	0.04

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	BPB-5		BPB-5		BPB-6		BPB-6		BPB-9		NYSDEC	NYSDEC	STARS TCLP
Sample ID	BPB-5 17-19		BPB-5 49-50		BPB-6 7-9		BPB-6 63-65		BPB-9 29-31		Recommended	Soil Cleanup	Alternative
Sample Date	7/14/2006		7/19/2006		6/23/2006		6/26/2006		6/22/2006		Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60700128		60700179		60600356		60700005		60600356		Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)													
bis(2-Chloroethyl)ether	ND		ND		ND		ND		ND		50000	50000	NS
N-Nitrosodimethylamine	ND		ND		ND		ND		ND		50000	50000	NS
Phenol	<2100	*	<180	*	<4200	*	<190	*	<190	*	30	30	NS
2-Chlorophenol	<2100	*	ND		ND		ND		ND		800	800	NS
1,3-Dichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
1,4-Dichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
1,2-Dichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
2,2'-oxybis(1-Chloropropane	ND		ND		ND		ND		ND		50000	50000	NS
2-Methyl Phenol	ND		ND		ND		ND		ND		50000	50000	NS
Hexachloroethane	ND		ND		ND		ND		ND		50000	50000	NS
N-Nitroso-di-n-propylamine	ND		ND		ND		ND		ND		50000	50000	NS
3&4-Methyl Phenol	ND		ND		ND		ND		ND		50000	50000	NS
Nitrobenzene	<2100	*	ND		<4200	*	ND		ND		200	200	NS
Isophorone	ND		ND		ND		ND		ND		4400	4400	NS
2-Nitrophenol	<2100	*	ND		<4200	*	ND		ND		330	330	NS
2,4-Dimethylphenol	ND		ND		ND		ND		ND		50000	50000	NS
bis (2-Chloroethoxy)	ND		ND		ND		ND		ND		50000	50000	NS
2,4-Dichlorophenol	<2100	*	ND		<4200	*	ND		ND		400	400	NS
1,2,4-Trichlorobenzene	ND		ND		ND		ND		ND		50000	50000	NS
Naphthalene	10000		89	J	ND		ND		39	J	13000	13000	200
4-Chloroanaline	<2100	*	ND		<4200	*	ND		ND		220	220	NS
Hexachlorobutadiene	ND		ND		ND		ND		ND		50000	50000	NS
4-Chloro-3-methylphenol	<2100	*	ND		<4200	*	ND		ND		240	240	NS
2-Methyl Naphthalene	4100		38	J	9300		ND		ND		36400	36400	NS
Hexachlorocyclopentadiene	ND		ND		ND		ND		ND		50000	50000	NS
2,4,6-Trichlorophenol	ND		ND		ND		ND		ND		50000	50000	NS
2,4,5-Trichlorophenol	<2100	*	<180	*	<4200	*	<190	*	<190	*	100	100	NS
2-Chloronaphthalene	ND		ND		ND		ND		ND		50000	50000	NS
2-Nitroaniline	<2100	*	ND		<4200	*	ND		ND		430	430	NS
Acenaphthylene	11000		270		5100		ND		ND		50000	103000	NS
Dimethyl Phthalate	<2100	*	ND		<4200	*	ND		ND		2000	2000	NS
2,6-Dinitrotoluene	<2100	*	ND		<4200	*	ND		ND		1000	1000	NS
Acenapthene	12000		ND		**62000**		ND		ND		50000	92000	400
3-Nitroaniline	<2100	*	ND		<4200	*	ND		ND		500	500	NS
2,4-Dinitrophenol	<2100	*	ND		<4200	*	ND		ND		200	200	NS
2,4-Dinitrotoluene	<2100	*	<180	*	<4200	*	<190	*	<190	*	100	100	NS
Dibenzofuran	4100		86	J	3000	J	ND		ND		6200	6200	NS
4-Nitrophenol	<2100	*	<180	*	<4200	*	<190	*	<190	*	100	100	NS
Fluorene	5900		130	J	14000		ND		ND		50000	365000	1000

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	BPB-5	BPB-5	BPB-6	BPB-6	BPB-9	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BPB-5 17-19	BPB-5 49-50	BPB-6 7-9	BPB-6 63-65	BPB-9 29-31	Recommended Soil Cleanup Objective	Soil Cleanup Objectives to Protect GW	Alternative Guidance Value
Sample Date	7/14/2006	7/19/2006	6/23/2006	6/26/2006	6/22/2006			
Lab Identification Number	60700128	60700179	60600356	60700005	60600356			
Semivolatile Organic Compounds (ug/Kg)								
4-Chlorophenyl Phenyl Ether	ND	ND	ND	ND	ND	50000	50000	NS
Diethyl Phthalate	ND	ND	ND	ND	ND	7100	7100	NS
4-Nitroaniline	ND	ND	ND	ND	ND	50000	50000	NS
2-Methyl-4,6-dinitrophenol	ND	ND	ND	ND	ND	50000	50000	NS
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	50000	50000	NS
4-Bromophenyl Phenyl Ether	ND	ND	ND	ND	ND	50000	50000	NS
Hexachlorobenzene	<2100 *	ND	<4200 *	ND	ND	410	1400	NS
Pentachlorophenol	<2100 *	ND	<4200 *	ND	ND	1000	1000	NS
Phenanthrene	23000	640	**66000**	ND	ND	50000	218000	1000
Anthracene	9700	180 J	21000	ND	ND	50000	700000	1000
Carbazole	770 J	110 J	ND	ND	ND	50000	50000	NS
Di-n-butylphthalate	ND	ND	ND	ND	ND	8100	8100	NS
Fluoranthene	19000	540	21000	ND	ND	50000	1900000	1000
Benzidine	ND	ND	ND	ND	ND	50000	50000	NS
Pyrene	42000	330	32000	ND	ND	50000	665000	1000
Butyl Benzyl Phthalate	ND	ND	ND	ND	ND	50000	122000	NS
3,3'-Dichlorbenzidine	ND	ND	ND	ND	ND	50000	50000	NS
Benzo(a)anthracene	***12000***	***170 J***	***13000***	ND	ND	224	2800	0.04
Chrysene	***10000***	***140 J***	***12000***	ND	ND	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	50000	435000	NS
Di-n-octyl phthalate	ND	ND	ND	ND	ND	50000	12000	NS
Indeno (1,2,3-cd)Pyrene	ND	ND	1800 J	ND	ND	3200	3200	0.04
Benzo(b)fluoranthene	***22000 I***	140 J	***14000***	ND	ND	220	1100	0.04
Benzo(k)fluoranthene	***9100 I***	64 J	***4300***	ND	ND	220	1100	0.04
Benzo(a)pyrene	***17000 I***	**150** J	***14000***	<190 *	ND	61	11000	0.04
Dibenzo(a,h)Anthracene	<2100 I*	<180 *	**1000** J	<190 *	<190 *	14.3	1650000	1000
Benzo (g,h,i) perylene	1900 I,J	ND	2900 J	ND	ND	50000	800000	0.04

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	BPB-9	BPB-13	BPB-13	NYSDEC	NYSDEC	STARS TCLP
Sample ID	BPB-9 59-61	BPB-13 11-13	BPB-13 50-52	Recommended	Soil Cleanup	Alternative
Sample Date	6/22/2006	6/1/2006	6/6/2006	Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600356	60600072	60600130	Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)						
bis(2-Chloroethyl)ether	ND	ND	<380000 *	50000	50000	NS
N-Nitrosodimethylamine	ND	ND	<380000 *	50000	50000	NS
Phenol	<200 *	<11000 *	<380000 *	30	30	NS
2-Chlorophenol	ND	<11000 *	<380000 *	800	800	NS
1,3-Dichlorobenzene	ND	ND	<380000 *	50000	50000	NS
1,4-Dichlorobenzene	ND	ND	<380000 *	50000	50000	NS
1,2-Dichlorobenzene	ND	ND	<380000 *	50000	50000	NS
2,2'-oxybis(1-Chloropropane	ND	ND	<380000 *	50000	50000	NS
2-Methyl Phenol	ND	ND	<380000 *	50000	50000	NS
Hexachloroethane	ND	ND	<380000 *	50000	50000	NS
N-Nitroso-di-n-propylamine	ND	ND	<380000 *	50000	50000	NS
3&4-Methyl Phenol	ND	ND	<760000 *	50000	50000	NS
Nitrobenzene	<200 *	<11000 *	<380000 *	200	200	NS
Isophorone	ND	<11000 *	<380000 *	4400	4400	NS
2-Nitrophenol	ND	<11000 *	<380000 *	330	330	NS
2,4-Dimethylphenol	ND	ND	<380000 *	50000	50000	NS
bis (2-Chloroethoxy)	ND	ND	<380000 *	50000	50000	NS
2,4-Dichlorophenol	ND	<11000 *	<380000 *	400	400	NS
1,2,4-Trichlorobenzene	ND	ND	<380000 *	50000	50000	NS
Naphthalene	ND	***180000***	***5600000***	13000	13000	200
4-Chloroanaline	ND	<11000 *	<380000 *	220	220	NS
Hexachlorobutadiene	ND	ND	<380000 *	50000	50000	NS
4-Chloro-3-methylphenol	ND	<11000 *	<380000 *	240	240	NS
2-Methyl Naphthalene	ND	***76000***	***2100000***	36400	36400	NS
Hexachlorocyclopentadiene	ND	ND	<380000 *	50000	50000	NS
2,4,6-Trichlorophenol	ND	ND	<380000 *	50000	50000	NS
2,4,5-Trichlorophenol	<200 *	<11000 *	<380000 *	100	100	NS
2-Chloronaphthalene	ND	ND	<380000 *	50000	50000	NS
2-Nitroaniline	ND	<11000 *	<380000 *	430	430	NS
Acenaphthylene	ND	13000	***2000000***	50000	103000	NS
Dimethyl Phthalate	ND	<11000 *	<380000 *	2000	2000	NS
2,6-Dinitrotoluene	ND	<11000 *	<380000 *	1000	1000	NS
Acenapthene	ND	25000	***130000 J***	50000	92000	400
3-Nitroaniline	ND	<11000 *	<380000 *	500	500	NS
2,4-Dinitrophenol	ND	<11000 *	<380000 *	200	200	NS
2,4-Dinitrotoluene	<200 *	<11000 *	<380000 *	100	100	NS
Dibenzofuran	ND	<11000 *	<380000 *	6200	6200	NS
4-Nitrophenol	<200 *	<11000 *	<380000 *	100	100	NS
Fluorene	ND	13000	***560000***	50000	365000	1000

Table 2
Summary of Analytical Results - Soil
Semivolatile Organic Compounds (SVOCs)
Bayside Fuel Oil Company Site Investigation

Boring Number	BPB-9		BPB-13		BPB-13		NYSDEC	NYSDEC	STARS TCLP
Sample ID	BPB-9 59-61		BPB-13 11-13		BPB-13 50-52		Recommended	Soil Cleanup	Alternative
Sample Date	6/22/2006		6/1/2006		6/6/2006		Soil Cleanup	Objectives to	Guidance
Lab Identification Number	60600356		60600072		60600130		Objective	Protect GW	Value
Semivolatile Organic Compounds (ug/Kg)									
4-Chlorophenyl Phenyl Ether	ND		ND		<380000	*	50000	50000	NS
Diethyl Phthalate	ND		<11000	*	<380000	*	7100	7100	NS
4-Nitroaniline	ND		ND		<380000	*	50000	50000	NS
2-Methyl-4,6-dinitrophenol	ND		ND		<380000	*	50000	50000	NS
N-Nitrosodiphenylamine	ND		ND		<380000	*	50000	50000	NS
4-Bromophenyl Phenyl Ether	ND		ND		<380000	*	50000	50000	NS
Hexachlorobenzene	ND		<11000	*	<380000	*	410	1400	NS
Pentachlorophenol	ND		<11000	*	<380000	*	1000	1000	NS
Phenanthrene	ND		34000		***1600000***		50000	218000	1000
Anthracene	ND		ND		**87000**	J	50000	700000	1000
Carbazole	ND		ND		<380000	*	50000	50000	NS
Di-n-butylphthalate	48	J,B	<11000	*	<380000	*	8100	8100	NS
Fluoranthene	ND		ND		<380000	*	50000	1900000	1000
Benzidine	ND		ND		<380000	*	50000	50000	NS
Pyrene	ND		ND		***460000***		50000	665000	1000
Butyl Benzyl Phthalate	ND		ND		<380000	*	50000	122000	NS
3,3'-Dichlorbenzidine	ND		ND		<380000	*	50000	50000	NS
Benzo(a)anthracene	ND		<11000	*	<380000	*	224	2800	0.04
Chrysene	ND		<11000	*	<380000	*	400	400	0.04
bis(2-Ethylhexyl)phthalate	ND		ND		<380000	*	50000	435000	NS
Di-n-octyl phthalate	ND		ND		<380000	*	50000	12000	NS
Indeno (1,2,3-cd)Pyrene	ND		<11000	*	<380000	*	3200	3200	0.04
Benzo(b)fluoranthene	ND		***3100***	***J***	***98000***	***J***	220	1100	0.04
Benzo(k)fluoranthene	ND		<11000	*	<380000	*	220	1100	0.04
Benzo(a)pyrene	<200	*	**5000**	***J***	***150000***	***J***	61	11000	0.04
Dibenzo(a,h)Anthracene	<200	*	<11000	*	<380000	*	14.3	1650000	1000
Benzo (g,h,i) perylene	ND		ND		<380000	*	50000	800000	0.04

Notes:
(1) Bold - Indicates value that exceeded the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives.
(2) Italic - Indicates value that exceeded the NYSDEC TAGM 4046 Soil Cleanup Objectives to Protect Groundwater.
(3) Shaded - Indicates value that exceeded the STARS TCLP Alternative Guidance Value.
(4) ND - Non-detected above laboratory method detection limit.
(5) NS - No Standard.
(6) B - Indicates the analyte was found in the blank.
(7) J - Indicates an estimated value.
(8) I - Internal standard recovery was outside of method limits. Matrix interference was confirmed by re-analysis.
(9) * - MDL exceeds the NYSDEC Recommended Soil Cleanup Objectives.

Table 3
Summary of Analytical Results - Soil
Target Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Boring Number	B-7A		B-7A		B-7A		B-12A		B-12A		NYSDEC	NYSDEC
Sample ID	B-7A 5-7		B-7A 43-45		B-7A 59-61		B-12A 19-21		B-12A 70-72		Recommended	Eastern USA
Sample Date	6/22/2006		6/23/2006		6/23/2006		6/19/2006		6/19/2006		Soil Cleanup	Background
Lab Identification Number	60600355		60600355		60600355		60600355		60600355		Objective	Criteria
TAL Metals (mg/Kg)												
Antimony	<1.91		<2.75		<2.75		<1.90		<2.16	M2	SB	NS
Aluminum	8880		3140		13000		2650		3290	MHA	SB	33000
Arsenic	4.77		1.59		4.18		***19.7***		3.31		7.5	3 - 12
Barium	49.9		35.5		64.8		39.8		15.0		300	15 - 600
Beryllium	**0.439**		<0.413		**0.789**		<0.285	*	<0.324	*	0.16	0 - 1.75
Cadmium	ND		ND		ND		ND		ND		1	0.1 - 1
Chromium	**18.5**		**10.4**		**29.5**		**11.7**		**13.0**		10	1.5 - 40
Calcium	1940		1010		1870		11300		1220		SB	130 - 35000
Iron	**18600**	B1	**13400**	B1	**27100**	B1	**16600**	B1	**20100**	B1, MHA	2000	2000 - 550000
Cobalt	7.67		ND		10.4		5.17		5.59		30	2.5 - 60
Copper	20.4		11.6		24.8		**36.0**		15.8		25	1 - 50
Lead	11.1		4.70		15.9		181		6.66		500	500
Magnesium	2260		1230		3550		***5920***		1390		SB	100 - 5000
Manganese	469		236		550		95.4		334	MHA	SB	50 - 50000
Mercury	ND		ND		ND		***0.243***		ND		0.1	0.001 - 0.2
Nickel	**13.5**		7.22		**18.3**		12.8		7.76		13	0.5 - 25
Vanadium	29.4		19.2		38.7		12.1		27.5		150	1 - 300
Selenium	ND		<2.75	*	<2.75	*	ND		<2.16	*	2	0.1 - 3.9
Potassium	1320		854		2190		710		583		SB	8500 - 43000
Silver	<0.48		<0.69		<0.69		<0.48		<0.54		SB	NS
Sodium	334		268		727		437		565		SB	6000 - 8000
Thallium	<1.91		<2.75		<2.75		<1.90		<2.16		SB	NS
Zinc	**39.7**		**20.7**		***51.0***		***138***		**22.4**		20	9 - 50
Total Cyanide	<0.58		<0.58		<0.63		<0.58		<0.60		SB	NS

Table 3
Summary of Analytical Results - Soil
Target Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Boring Number	B-13A	B-13A	B-13A	B-15A	B-15A	NYSDEC	NYSDEC
Sample ID	B-13A 5-7	B-13A 35-37	B-13A 65-67	B-15A 9-11	B-15A 61-63	Recommended	Eastern USA
Sample Date	6/2/2006	6/2/2006	6/5/2006	6/5/2006	6/6/2006	Soil Cleanup	Background
Lab Identification Number	60600070	60600070	60600070	60600070	60600132	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	<2.21	<2.26 M2	<2.51	10.8	<1.35	SB	NS
Aluminum	9710	3740 MHA	3920	1320	6170	SB	33000
Arsenic	2.27	2.69	2.29	***179***	5.40	7.5	3 - 12
Barium	62.8	26.1	43.3	106	58.9	300	15 - 600
Beryllium	**0.471**	<0.339 *	**0.649**	<0.381 *	**1.21**	0.16	0 - 1.75
Cadmium	ND	ND	ND	ND	ND	1	0.1 - 1
Chromium	**15.9**	**11.2**	**19.2**	7.42	**13.1**	10	1.5 - 40
Calcium	1230	1730	1090	2620	1260	SB	130 - 35000
Iron	**16900** B1	**14300** B1, MHA	**43700** B1	**9570** B1	**4990** B1	2000	2000 - 550000
Cobalt	7.63	13.0	ND	ND	15.8	30	2.5 - 60
Copper	17.4	11.8	24.7	***105***	22.9	25	1 - 50
Lead	17.7	5.41	10.9	494	12.9	500	500
Magnesium	2100	2440	620	428	1050	SB	100 - 5000
Manganese	233	159	324	85.0	31.4	SB	50 - 50000
Mercury	ND	ND	ND	***4.94***	ND	0.1	0.001 - 0.2
Nickel	12.5	**20.5** M2	8.24	6.78	***25.5***	13	0.5 - 25
Vanadium	22.2	18.0	26.8	12.5	29.3	150	1 - 300
Selenium	<2.21 *	<2.26 *	<2.51 *	***4.33***	<1.35	2	0.1 - 3.9
Potassium	887	962	1320	591	669	SB	8500 - 43000
Silver	<0.55	<0.56	<0.63	<0.63	<0.34	SB	NS
Sodium	284	242	741	<190	2190	SB	6000 - 8000
Thallium	<2.21	<2.26	<2.51	<2.54	<1.35	SB	NS
Zinc	**34.0**	**32.5**	18.1	**63.5**	17.4	20	9 - 50
Total Cyanide	<0.58	<0.61	<0.62	<0.63	<0.61	SB	NS

Table 3
Summary of Analytical Results - Soil
Target Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Boring Number	B-16A	B-16A	B-16A	B-20A	B-20A	NYSDEC	NYSDEC
Sample ID	B-16A 5-7	B-15A 25-27	B-16A 67-69	B-20A 19-21	B-20A 51-53	Recommended	Eastern USA
Sample Date	6/27/2006	6/27/2006	6/27/2006	6/26/2006	6/28/2006	Soil Cleanup	Background
Lab Identification Number	60600399	60600399	60600399	60600399	60600399	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	<2.30	<1.70	<2.31	<2.19	<3.68	SB	NS
Aluminum	7660	4450	8640	6130	7070 MHA	SB	33000
Arsenic	**13.1**	<0.852	3.77	2.00	3.67	7.5	3 - 12
Barium	59.8	26.4	56.1	41.7	52.4	300	15 - 600
Beryllium	<0.345 *	**0.296**	**1.14**	<0.329 *	**0.560**	0.16	0 - 1.75
Cadmium	0.345	<0.255 *	<0.347 *	<0.329 *	<0.551 *	1	0.1 - 1
Chromium	**15.3**	**11.6**	**22.2**	**23.0**	**22.6**	10	1.5 - 40
Calcium	4870	3470	1150	1090	1270	SB	130 - 35000
Iron	**14800** B1	**13800** B1	**47400** B1	**15800** B1	**62900** MHA	2000	2000 - 550000
Cobalt	ND	5.29	12.2	6.05	ND	30	2.5 - 60
Copper	**27.9**	12.9	**31.8**	12.4	21.6	25	1 - 50
Lead	112	3.71	15.0	5.82	11.0	500	500
Magnesium	2000	3360	829	2560	890	SB	100 - 5000
Manganese	177	123	291	253	345 MHA	SB	50 - 50000
Mercury	**0.110**	ND	0.0987	ND	ND	0.1	0.001 - 0.2
Nickel	11.4	9.06	**20.1**	**15.8**	10.4	13	0.5 - 25
Vanadium	24.6	17.5	39.7	23.4	42.6	150	1 - 300
Selenium	<2.30 *	ND	<2.31 *	<2.19 *	<3.68 *	2	0.1 - 3.9
Potassium	963	1210	1250	1370	870	SB	8500 - 43000
Silver	<0.57	<0.43	<0.58	<0.55	<0.92	SB	NS
Sodium	627	294	1470	175	412	SB	6000 - 8000
Thallium	<2.30	<1.70	<2.31	<2.19	<1.84	SB	NS
Zinc	***174***	**27.1**	***53.4***	**25.8**	**26.7**	20	9 - 50
Total Cyanide	<0.24	<0.24	<0.24	<0.22	<0.20	SB	NS

Table 3
Summary of Analytical Results - Soil
Target Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Boring Number	B-24A	B-24A	B-28	B-28	B-29	NYSDEC	NYSDEC
Sample ID	B-24A 13-15	B-24A 70-72	B-28 19-21	B-28 70-72	B-29 17-19	Recommended	Eastern USA
Sample Date	6/16/2006	6/16/2006	6/12/2006	6/15/2006	5/30/2006	Soil Cleanup	Background
Lab Identification Number	60600266	60600266	60600266	60600266	60500338	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	<3.7	<1.73	<1.85	<1.86	7.25	SB	NS
Aluminum	2900	4270	8460	2450	779	SB	33000
Arsenic	**19**	ND	2.29	ND	***233***	7.5	3 - 12
Barium	42	13.0	32.8	18.2	18.0	300	15 - 600
Beryllium	<0.56 *	**0.452**	**0.345**	**0.375**	<0.338 *	0.16	0 - 1.75
Cadmium	ND	ND	ND	ND	***6.31***	1	0.1 - 1
Chromium	**11**	**28.4**	**20.8**	**13.9**	4.21	10	1.5 - 40
Calcium	1500	759	504	2750	460	SB	130 - 35000
Iron	**11000** B1	**18100** B1	**13100** B1	**37500** B1	**6350** B1	2000	2000 - 550000
Cobalt	ND	ND	6.22	ND	ND	30	2.5 - 60
Copper	**33**	11.8	11.3	12.9	***111***	25	1 - 50
Lead	120	9.22	6.01	6.31	***1180***	500	500
Magnesium	1100	689	2920	1610	193	SB	100 - 5000
Manganese	120	191	139	584	25.7	SB	50 - 50000
Mercury	***1.84***	0.0487	ND	ND	***0.346***	0.1	0.001 - 0.2
Nickel	8.5	6.14	**15.3**	**14.4**	7.86	13	0.5 - 25
Vanadium	ND	36.9	16.2	16.4	ND	150	1 - 300
Selenium	<3.7 *	ND	ND	ND	<2.25 *	2	0.1 - 3.9
Potassium	610	390	986	646	186	SB	8500 - 43000
Silver	<0.93	<0.43	<0.46	<0.46	<0.56	SB	NS
Sodium	330	964	783	437	536	SB	6000 - 8000
Thallium	<3.7	<1.73	<1.85	<1.86	6.64	SB	NS
Zinc	***180***	**23.4**	**34.9**	**21.7**	***639***	20	9 - 50
Total Cyanide	<0.94	<0.61	<0.63	<0.58	<0.64	SB	NS

Table 3
Summary of Analytical Results - Soil
Target Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Boring Number	B-29	B-30	B-30	B-31	B-31	NYSDEC	NYSDEC
Sample ID	B-29 66-68	B-30 5-7	B-30 65-67	B-31 5-7	B-31 64-66	Recommended	Eastern USA
Sample Date	5/31/2006	6/20/2006	6/20/2006	6/1/2006	6/1/2006	Soil Cleanup	Background
Lab Identification Number	60600070	60600355	60600355	60600070	60600070	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	<7.03 RL5	<2.57	<1.83	<2.21	<2.36	SB	NS
Aluminum	3660	6890	7850	4710	3730	SB	33000
Arsenic	<3.51 RL5	***22.5***	5.85	***13.2***	1.98	7.5	3 - 12
Barium	46.5	48.4	52.8	68.1	26.0	300	15 - 600
Beryllium	<1.05 RL5	**0.832**	**0.815**	<0.332 *	**0.386**	0.16	0 - 1.75
Cadmium	<1.05 RL5	ND	ND	ND	ND	1	0.1 - 1
Chromium	**18.6**	**14.1**	**16.2**	**12.8**	**20.9**	10	1.5 - 40
Calcium	3590	4420	1290	11200	1340	SB	130 - 35000
Iron	**119000** B1	**25200** B1	**14900** B1	**14400** B1	**24300** B1	2000	2000 - 550000
Cobalt	<17.6 RL5	15.1	11.3	ND	ND	30	2.5 - 60
Copper	**20.3**	***64.2***	***62.1***	**36.1**	**37.7**	25	1 - 50
Lead	<10.5 RL5	128	12.2	158	8.65	500	500
Magnesium	3090	2390	926	2010	906	SB	100 - 5000
Manganese	2080	271	60.8	230	37.5	SB	50 - 50000
Mercury	ND	***0.234***	0.0443	***0.280***	ND	0.1	0.001 - 0.2
Nickel	<14.1 RL5	**23.3**	**23.2**	11.5	6.08	13	0.5 - 25
Vanadium	24.0	25.8	28.6	30.9	32.9	150	1 - 300
Selenium	<7.03 RL5	<2.57 *	ND	<2.21 *	<2.36 *	2	0.1 - 3.9
Potassium	1030	1060	799	1000	1090	SB	8500 - 43000
Silver	2.24	<0.64	<0.46	<0.55	<0.59	SB	NS
Sodium	<527 RL5	257	1240	197	1390	SB	6000 - 8000
Thallium	<7.03 RL5	<2.57	<1.83	<2.21	<2.36	SB	NS
Zinc	**26.6**	***173***	**35.8**	***151***	19.3	20	9 - 50
Total Cyanide	<0.58	<0.61	<0.61	1.7	<0.74	SB	NS

Table 3
Summary of Analytical Results - Soil
Target Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Boring Number	B-32	B-32D	B-32	B-33	B-33	NYSDEC	NYSDEC
Sample ID	B-32 7-9	B-32D 7-9	B-32 49-51	B-33 9-11	B-33 59-61	Recommended	Eastern USA
Sample Date	6/21/2006	6/21/2006	6/22/2006	6/5/2006	6/7/2006	Soil Cleanup	Background
Lab Identification Number	60600355	60600355	60600355	60600132	60600132	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	<1.81	<1.70	<2.19	<1.37	<1.61	SB	NS
Aluminum	8250	7180	7210	6730	4550	SB	33000
Arsenic	3.55	2.74	6.09	1.29	3.31	7.5	3 - 12
Barium	54.4	43.4	50.0	44.2	47.2	300	15 - 600
Beryllium	**0.407**	**0.380**	**0.709**	**0.328**	**0.968**	0.16	0 - 1.75
Cadmium	ND	ND	ND	ND	ND	1	0.1 - 1
Chromium	**18.2**	**14.9**	**19.6**	**13.1**	**13.0**	10	1.5 - 40
Calcium	3280	52100	1350	885	1510	SB	130 - 35000
Iron	**18100** B1	**15100** B1	**44600** B1	**14600** B1	**6140** B1	2000	2000 - 550000
Cobalt	7.18	5.75	8.47	5.72	5.32	30	2.5 - 60
Copper	21.1	19.2	**25.0**	14.2	**33.2**	25	1 - 50
Lead	32.3	45.8	12.1	7.18	18.9	500	500
Magnesium	2640	2580	683	2420	629	SB	100 - 5000
Manganese	327	371	232	307	19.9	SB	50 - 50000
Mercury	**0.104**	ND	ND	ND	ND	0.1	0.001 - 0.2
Nickel	**14.5**	11.6	**14.3**	11.3	10.8	13	0.5 - 25
Vanadium	26.2	21.5	35.5	20.1	23.5	150	1 - 300
Selenium	ND	<3.41 *	<2.19 *	ND	ND	2	0.1 - 3.9
Potassium	1430	1290	888	979	988	SB	8500 - 43000
Silver	<0.45	<0.43	<0.55	<0.34	<0.40	SB	NS
Sodium	166	153	538	193	923	SB	6000 - 8000
Thallium	<1.81	<1.70	<2.19	<1.37	<1.61	SB	NS
Zinc	**45.9**	**43.7**	**31.4**	**30.1**	**24.9**	20	9 - 50
Total Cyanide	<0.59	<0.57	<0.60	<0.59	<0.62	SB	NS

Table 3
Summary of Analytical Results - Soil
Target Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Boring Number	B-34	B-34D	B-34	BPB-4	BPB-4	NYSDEC	NYSDEC
Sample ID	B-34 15-17	B-34D 15-17	B-34 67-69	BPB-4 19-21	BPB-4 45-47	Recommended	Eastern USA
Sample Date	6/29/2006	6/29/2006	6/30/2006	7/13/2006	7/13/2006	Soil Cleanup	Background
Lab Identification Number	60700004	60700004	60700004	60700128	60700128	Objective	Criteria
TAL Metals (mg/Kg)							
Antimony	<3.42	<2.34	<1.80	ND	ND	SB	NS
Aluminum	15200	16700	9640	12500	3350	SB	33000
Arsenic	***135***	***354***	1.24	5.94	ND	7.5	3 - 12
Barium	177	293	45.6	43.0	33.8	300	15 - 600
Beryllium	**0.672**	**0.740**	**1.05**	0.497	<0.302 *	0.16	0 - 1.75
Cadmium	ND	***1.24***	ND	ND	ND	1	0.1 - 1
Chromium	***52.0***	***79.9***	**19.5**	**21.8**	9.98	10	1.5 - 40
Calcium	3480	4800	1090	2240	6820	SB	130 - 35000
Iron	**28800** B1	**31500** B1	**15000** B1	**22000** **B1**	**14300** **B1**	2000	2000 - 550000
Cobalt	9.91	10.9	**34.2**	8.29	ND	30	2.5 - 60
Copper	***148***	***436***	***29.2***	20.7	10.6	25	1 - 50
Lead	***553***	***1050***	11.7	48.8	3.92	500	500
Magnesium	6240	6860	982	4800	3350	SB	100 - 5000
Manganese	362	332	145	502	351	SB	50 - 50000
Mercury	***9.47*** MHA	***8.08***	ND	***0.566***	ND	0.1	0.001 - 0.2
Nickel	***24.7***	***29.8***	***45.8***	**20.1**	8.23	13	0.5 - 25
Vanadium	33.5	39.2	24.7	27.9	17.6	150	1 - 300
Selenium	<3.42 *	**2.77**	ND	<2.65 *	<2.02 *	2	0.1 - 3.9
Potassium	3730	3870	1610	2870	885	SB	8500 - 43000
Silver	<0.85	1.49	<0.45	ND	ND	SB	NS
Sodium	5730	6990	1700	1970	875	SB	6000 - 8000
Thallium	<3.42	<2.34	<1.80	ND	ND	SB	NS
Zinc	***1310***	***445***	**27.7**	***58.2***	**19.7**	20	9 - 50
Total Cyanide	<0.83	3.0	<0.62	ND	ND	SB	NS

Table 3
Summary of Analytical Results - Soil
Target Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Boring Number	BPB-5		BPB-5		BPB-6		BPB-6		BPB-9		NYSDEC	NYSDEC
Sample ID	BPB-5 17-19		BPB-5 49-50		BPB-6 7-9		BPB-6 63-65		BPB-9 29-31		Recommended	Eastern USA
Sample Date	7/14/2006		7/19/2006		6/23/2006		6/26/2006		6/22/2006		Soil Cleanup	Background
Lab Identification Number	60700128		60700179		60600356		60700005		60600356		Objective	Criteria
TAL Metals (mg/Kg)												
Antimony	<2.70	M2	ND		ND		ND		<2.34	M2	SB	NS
Aluminum	5000	MHA	6020	MHA	4810		11200		2490	MHA	SB	33000
Arsenic	***73.2***		2.98		***51.5***		ND		ND		7.5	3 - 12
Barium	62.2		36.0		26.0		112		21.1		300	15 - 600
Beryllium	<0.406	*	**0.445**		<0.375	*	**0.667**		<0.351	*	0.16	0 - 1.75
Cadmium	0.446		ND		ND		ND		ND		1	0.1 - 1
Chromium	***44.3***	M1 M2	**23.0**		**16.6**		**26.4**		**10.2**		10	1.5 - 40
Calcium	7720		2260		3850		9510		469		SB	130 - 35000
Iron	**18100**	**B1,MHA**	**27300**	**B1,MHA**	**18800**	**B1**	**20100**	**B1**	**10300**	**B1,MHA**	2000	2000 - 550000
Cobalt	6.86		7.96		8.27		9.54		ND		30	2.5 - 60
Copper	**199**	**MHA**	24.0		**116**		23.1		11.0		25	1 - 50
Lead	***694***	***MHA***	10.1		235		8.96		4.80		500	500
Magnesium	2180		2830		1410		*7400*		889		SB	100 - 5000
Manganese	198		337	MHA	121		371		74.9	M1	SB	50 - 50000
Mercury	***2.92***		ND		***0.691***		ND		ND		0.1	0.001 - 0.2
Nickel	**20.3**		**16.6**		**24.1**		**20.8**		6.48		13	0.5 - 25
Vanadium	14.4		35.7		24.8		33.7		15.9		150	1 - 300
Selenium	<2.70	*	<2.41	*	<2.50	*	ND		<2.34	*	2	0.1 - 3.9
Potassium	1040		1380		396		3840		472		SB	8500 - 43000
Silver	0.731		ND		ND		ND		ND		SB	NS
Sodium	1550		1270		712		1290		182		SB	6000 - 8000
Thallium	ND		ND		ND		ND		ND		SB	NS
Zinc	***299***	***MHA***	**46.4**		***263***		***49.8***		15.0		20	9 - 50
Total Cyanide	7.9		ND		ND		ND		ND		SB	NS

Table 3
Summary of Analytical Results - Soil
Target Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Boring Number	BPB-9		BPB-13		BPB-13		NYSDEC	NYSDEC
Sample ID	BPB-9 59-61		BPB-13 11-13		BPB-13 50-52		Recommended	Eastern USA
Sample Date	6/22/2006		6/1/2006		6/6/2006		Soil Cleanup	Background
Lab Identification Number	60600356		60600072		60600130		Objective	Criteria
TAL Metals (mg/Kg)								
Antimony	ND		ND		ND		SB	NS
Aluminum	4160		9320		2190		SB	33000
Arsenic	**8.64**		2.39		ND		7.5	3 - 12
Barium	20.8		43.3		12.0		300	15 - 600
Beryllium	**0.514**		**0.436**		ND		0.16	0 - 1.75
Cadmium	ND		ND		ND		1	0.1 - 1
Chromium	**25.1**		**17.3**		6.80		10	1.5 - 40
Calcium	1310		993		747		SB	130 - 35000
Iron	**25900**	**B1**	**17800**	**B1**	**13500**	**B1**	2000	2000 - 550000
Cobalt	ND		7.01		ND		30	2.5 - 60
Copper	15.1		18.2		9.93		25	1 - 50
Lead	11.2		11.7		ND		500	500
Magnesium	439		2250		1040		SB	100 - 5000
Manganese	22.9		243		547		SB	50 - 50000
Mercury	ND		ND		ND		0.1	0.001 - 0.2
Nickel	**15.3**		**13.0**		6.99		13	0.5 - 25
Vanadium	57.0		24.9		10.7		150	1 - 300
Selenium	<2.33	*	<2.46	*	**2.00**		2	0.1 - 3.9
Potassium	430		1050		425		SB	8500 - 43000
Silver	ND		ND		ND		SB	NS
Sodium	407		374		187		SB	6000 - 8000
Thallium	ND		ND		ND		SB	NS
Zinc	18.7		**31.7**		14.0		20	9 - 50
Total Cyanide	ND		ND		ND		SB	NS

Notes:

(1) Bold - Indicates value that exceeded the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives.

(2) Italic - Indicates value that exceeded the NYSDEC TAGM 4046 Eastern USA Background Criteria.

(3) ND - Non-detected above laboratory method detection limit

(4) NS - No Standard.

(5) SB - Site Background

(6) B1 - Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.

(7) M2 - The MS and/or MSD were below the acceptance limits due to sample matrix interference.

(8) MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.

(9) RL5 - Reporting raised due to single peak analyte.

(10) * - MDL exceeds the NYSDEC Recommended Soil Cleanup Objectives.

Table 4
Summary of Analytical Results - Groundwater
Volatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-B1S	TRC MW-1	TRC MW-2	TRC MW-3	TRC MW-3D	NYSDEC
Screen Depth (ft)	2.0-12.5	Unavailable	Unavailable	Unavailable	Unavailable	TOGS
Sample Date	7/20/2006	7/20/2006	7/20/2006	7/20/2006	7/20/2006	Groundwater
Lab Identification Number	60700193	60700193	60700193	60700193	60700193	Criteria
Volatile Organic Compounds (ug/Kg)						
Dichlorodifluoromethane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Vinyl Chloride	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	2
Bromomethane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Chloroethane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Trichlorofluoromethane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Acrolein	<25 *	<25 *	<25 *	<25 *	<25 *	5
Acetone	ND	ND	ND	ND	ND	50
Carbon Disulfide	ND	ND	ND	ND	ND	60
Methylene Chloride	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Acrylonitrile	<25 *	<25 *	<25 *	<25 *	<25 *	5
Methyl-Tert-Butyl-Ether	ND	3 J	6	5	5	10
1,1-Dichloroethane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
2-Butanone-(MEK)	ND	ND	ND	ND	ND	50
2,2-Dichloropropane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	NS
Chloroform	ND	ND	ND	ND	ND	7
Bromochloromethane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
1,1,1-Trichloroethane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
1,1-Dichloropropene	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Carbon Tetrachloride	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Benzene	**6**	**15**	**1**	<5.0	<5.0	1
1,2-Dichloroethane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Trichloroethylene	ND	ND	ND	ND	ND	NS
1,2-Dichloropropane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	1
Toluene	6	ND	ND	ND	ND	74
Bromodichloromethane	ND	ND	ND	ND	ND	50
Dibromomethane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
1,1,2-Trichloroethane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	1
2-Hexanone	ND	ND	ND	ND	ND	50
1,3-Dichloropropane	<5.0 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Dibromochloromethane	ND	ND	ND	ND	ND	50

Table 4
Summary of Analytical Results - Groundwater
Volatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-B1S		TRC MW-1		TRC MW-2		TRC MW-3		TRC MW-3D		NYSDEC
Screen Depth (ft)	2.0-12.5		Unavailable		Unavailable		Unavailable		Unavailable		TOGS
Sample Date	7/20/2006		7/20/2006		7/20/2006		7/20/2006		7/20/2006		Groundwater
Lab Identification Number	60700193		60700193		60700193		60700193		60700193		Criteria
Volatile Organic Compounds (ug/Kg)											
Chlorobenzene	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
1,1,1,2-Tetrachloroethane	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Ethylbenzene	1	J	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
M&P-Xylene	9	J	<10	*	<10	*	<10	*	<10	*	10
O-Xylene	**8**		<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Styrene	2	J	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Bromoform	ND		ND		ND		ND		ND		50
Isopropylbenzene	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
1,1,2,2-Tetrachloroethane	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
1,2,3-Trichloropropane	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	0.04
n-Propylbenzene	ND		ND		ND		ND		ND		NS
trans-1,4-Dichloro-2-butene	<25	*	<25	*	<25	*	<25	*	<25	*	5
Bromobenzene	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
2-Chlorotoluene	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
1,3,5-Trimethylbenzene	3	J	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
4-Chlorotoluene	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
tert-Butylbenzene	ND		ND		ND		ND		ND		NS
1,2,4-Trimethylbenzene	**8**		<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
sec-Butylbenzene	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
4-Isopropyltoluene	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
1,3-Dichlorobenzene	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	3
1,4-Dichlorobenzene	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	3
n-Butylbenzene	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
1,2-Dichlorobenzene	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	3
1,2-Dibromo-3-Chloropropane	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	0.04
Hexachlorobutadiene	<5.0	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	0.5
Naphthalene	**140**		2	J	ND		ND		1	J	10

Table 4
Summary of Analytical Results - Groundwater
Volatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-5	TRC MW-5D	TRC MW-6	TRC MW-7	TRC MW-7D	NYSDEC
Screen Depth (ft)	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	TOGS
Sample Date	7/18/2006	7/18/2006	7/18/2006	7/19/2006	7/19/2006	Groundwater
Lab Identification Number	60700172	60700172	60700172	60700178	60700178	Criteria
Volatile Organic Compounds (ug/Kg)						
Dichlorodifluoromethane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
Vinyl Chloride	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	2
Bromomethane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
Chloroethane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
Trichlorofluoromethane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
Acrolein	<620 *	<620 *	<25 *	<25 *	<25 *	5
Acetone	<620 *	<620 *	3 J	2 J	7 J	50
Carbon Disulfide	<620 *	<620 *	ND	ND	ND	60
Methylene Chloride	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
Acrylonitrile	<620 *	<620 *	<25 *	<25 *	<25 *	5
Methyl-Tert-Butyl-Ether	<120 *	<120 *	**51**	8	8	10
1,1-Dichloroethane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
2-Butanone-(MEK)	<620 *	<620 *	ND	ND	ND	50
2,2-Dichloropropane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
cis-1,2-Dichloroethylene	ND	ND	ND	ND	ND	NS
Chloroform	<120 *	<120 *	ND	ND	ND	7
Bromochloromethane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
1,1,1-Trichloroethane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
1,1-Dichloropropene	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
Carbon Tetrachloride	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
Benzene	**55** J	**55** J	**19**	**2** J	**2** J	1
1,2-Dichloroethane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
Trichloroethylene	ND	ND	ND	ND	ND	NS
1,2-Dichloropropane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	1
Toluene	**1400**	**1400**	2 J	<5.0	1 J	74
Bromodichloromethane	<120 *	<120 *	ND	ND	ND	50
Dibromomethane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
1,1,2-Trichloroethane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	1
2-Hexanone	<620 *	<620 *	ND	ND	ND	50
1,3-Dichloropropane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
Dibromochloromethane	<120 *	<120 *	ND	ND	ND	50

Table 4
Summary of Analytical Results - Groundwater
Volatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-5	TRC MW-5D	TRC MW-6	TRC MW-7	TRC MW-7D	NYSDEC
Screen Depth (ft)	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	TOGS
Sample Date	7/18/2006	7/18/2006	7/18/2006	7/19/2006	7/19/2006	Groundwater
Lab Identification Number	60700172	60700172	60700172	60700178	60700178	Criteria
Volatile Organic Compounds (ug/Kg)						
Chlorobenzene	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
1,1,1,2-Tetrachloroethane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
Ethylbenzene	**150**	**160**	1 J	<5.0 *	<5.0 *	5
M&P-Xylene	**740**	**740**	1 J	1.4 J	1 J	10
O-Xylene	**400**	**400**	1 J	<5.0 *	<5.0 *	5
Styrene	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
Bromoform	<120 *	<120 *	ND	ND	ND	50
Isopropylbenzene	<120 *	<120 *	**35**	**6.6**	**7**	5
1,1,2,2-Tetrachloroethane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
1,2,3-Trichloropropane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	0.04
n-Propylbenzene	<120	<120	57	8.0	8	NS
trans-1,4-Dichloro-2-butene	<620 *	<620 *	<25 *	<25 *	<25 *	5
Bromobenzene	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
2-Chlorotoluene	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
1,3,5-Trimethylbenzene	**80** J	**78** J	<5.0 *	<5.0 *	<5.0 *	5
4-Chlorotoluene	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
tert-Butylbenzene	<120	<120	1 J	<5.0	<5.0	NS
1,2,4-Trimethylbenzene	**260**	**260**	<5.0 *	<5.0 *	<5.0 *	5
sec-Butylbenzene	<120 *	<120 *	4 J	1 J	1 J	5
4-Isopropyltoluene	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
1,3-Dichlorobenzene	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	3
1,4-Dichlorobenzene	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	3
n-Butylbenzene	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	5
1,2-Dichlorobenzene	<120 *	<120 *	<5.0 *	1 J	1 J	3
1,2-Dibromo-3-Chloropropane	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	0.04
Hexachlorobutadiene	<120 *	<120 *	<5.0 *	<5.0 *	<5.0 *	0.5
Naphthalene	**42** J	**44** J	ND	ND	1 J	10

Table 4
Summary of Analytical Results - Groundwater
Volatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well Screen Depth (ft) Sample Date Lab Identification Number	TRC MW-8 Unavailable 7/21/2006 60700211	TRC MW-9 Unavailable 7/19/2006 60700178	TRC MW-11 Unavailable 7/18/2006 60700172	TRC MW-12 Unavailable 7/19/2006 60700178	TRC MW-14 Unavailable 7/21/2006 60700211	NYSDEC TOGS Groundwater Criteria
Volatile Organic Compounds (ug/Kg)						
Dichlorodifluoromethane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Vinyl Chloride	**75**	<5.0	<5.0	<5.0	<5.0	2
Bromomethane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Chloroethane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Trichlorofluoromethane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Acrolein	<120 *	<25 *	<25 *	<25 *	<25 *	5
Acetone	**430**	15 J	ND	8 J	6 J	50
Carbon Disulfide	<120 *	ND	ND	ND	ND	60
Methylene Chloride	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Acrylonitrile	<120 *	<25 *	<25 *	<25 *	<25 *	5
Methyl-Tert-Butyl-Ether	<25 *	ND	ND	**64**	7	10
1,1-Dichloroethane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
2-Butanone-(MEK)	<120 *	ND	ND	ND	ND	50
2,2-Dichloropropane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
cis-1,2-Dichloroethylene	710	<5.0	<5.0	<5.0	<5.0	NS
Chloroform	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	7
Bromochloromethane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
1,1,1-Trichloroethane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
1,1-Dichloropropene	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Carbon Tetrachloride	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Benzene	**21** J,B	**5**	<5.0	**49**	**170** B	1
1,2-Dichloroethane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Trichloroethylene	11 J	<5.0	<5.0	<5.0	<5.0	NS
1,2-Dichloropropane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	1
Toluene	<25	10	<5.0	<5.0	13	74
Bromodichloromethane	ND	ND	ND	ND	ND	50
Dibromomethane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
1,1,2-Trichloroethane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	1
2-Hexanone	<120 *	ND	ND	ND	ND	50
1,3-Dichloropropane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Dibromochloromethane	ND	ND	ND	ND	ND	50

Table 4
Summary of Analytical Results - Groundwater
Volatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-8	TRC MW-9	TRC MW-11	TRC MW-12	TRC MW-14	NYSDEC
Screen Depth (ft)	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	TOGS
Sample Date	7/21/2006	7/19/2006	7/18/2006	7/19/2006	7/21/2006	Groundwater
Lab Identification Number	60700211	60700178	60700172	60700178	60700211	Criteria
Volatile Organic Compounds (ug/Kg)						
Chlorobenzene	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
1,1,1,2-Tetrachloroethane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Ethylbenzene	<25 *	**7**	<5.0 *	2 J	**19**	5
M&P-Xylene	<50 *	**16**	<10 *	<10 *	**150**	10
O-Xylene	<25 *	**8**	<5.0 *	<5.0 *	**28**	5
Styrene	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
Bromoform	ND	ND	ND	ND	ND	50
Isopropylbenzene	**7** J	2 J	<5.0 *	<5.0 *	**95**	5
1,1,2,2-Tetrachloroethane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
1,2,3-Trichloropropane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	0.04
n-Propylbenzene	5 J	<5.0	<5.0	<5.0	110	NS
trans-1,4-Dichloro-2-butene	<120 *	<25 *	<25 *	<25 *	<25 *	5
Bromobenzene	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
2-Chlorotoluene	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
1,3,5-Trimethylbenzene	<25	4 J	<5.0	<5.0	**180**	5
4-Chlorotoluene	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	5
tert-Butylbenzene	ND	ND	ND	ND	6	NS
1,2,4-Trimethylbenzene	**5** J	**10**	<5.0 *	<5.0 *	**1300**	5
sec-Butylbenzene	<25 *	<5.0 *	<5.0 *	<5.0 *	**26**	5
4-Isopropyltoluene	<25 *	<5.0 *	<5.0 *	<5.0 *	4 J	5
1,3-Dichlorobenzene	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	3
1,4-Dichlorobenzene	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	3
n-Butylbenzene	<25 *	<5.0 *	<5.0 *	<5.0 *	**11**	5
1,2-Dichlorobenzene	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	3
1,2-Dibromo-3-Chloropropane	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	0.04
Hexachlorobutadiene	<25 *	<5.0 *	<5.0 *	<5.0 *	<5.0 *	0.5
Naphthalene	**12** J	**2100**	ND	ND	4 J	10

Table 4
Summary of Analytical Results - Groundwater
Volatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-14D		TRC MW-15		TRC MW-18		MW-28		MW-31		NYSDEC
Screen Depth (ft)	Unavailable		Unavailable		Unavailable		5-20		3-18		TOGS
Sample Date	7/21/2006		7/21/2006		7/20/2006		7/19/2006		7/21/2006		Groundwater
Lab Identification Number	60700211		60700211		60700193		60700178		60700211		Criteria
Volatile Organic Compounds (ug/Kg)											
Dichlorodifluoromethane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Vinyl Chloride	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	2
Bromomethane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Chloroethane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Trichlorofluoromethane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Acrolein	<120	*	<25	*	<25	*	<25	*	<25	*	5
Acetone	**370**		39		ND		ND		23	J	50
Carbon Disulfide	<120	*	ND		ND		ND		ND		60
Methylene Chloride	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Acrylonitrile	<120	*	<25	*	<25	*	<25	*	<25	*	5
Methyl-Tert-Butyl-Ether	7	J	**17**		ND		6		ND		10
1,1-Dichloroethane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
2-Butanone-(MEK)	<120	*	ND		ND		ND		ND		50
2,2-Dichloropropane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
cis-1,2-Dichloroethylene	ND		ND		ND		ND		ND		NS
Chloroform	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	7
Bromochloromethane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
1,1,1-Trichloroethane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
1,1-Dichloropropene	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Carbon Tetrachloride	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Benzene	**160**	B	**210**	E,B	**21**		<5.0	*	**3**	J,B	1
1,2-Dichloroethane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Trichloroethylene	ND		ND		ND		ND		ND		NS
1,2-Dichloropropane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	1
Toluene	13	J	10		3	J	ND		1	J	74
Bromodichloromethane	ND		ND		ND		ND		ND		50
Dibromomethane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
1,1,2-Trichloroethane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	1
2-Hexanone	<120	*	ND		ND		ND		ND		50
1,3-Dichloropropane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Dibromochloromethane	ND		ND		ND		ND		ND		50

Table 4
Summary of Analytical Results - Groundwater
Volatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-14D		TRC MW-15		TRC MW-18		MW-28		MW-31		NYSDEC
Screen Depth (ft)	Unavailable		Unavailable		Unavailable		5-20		3-18		TOGS
Sample Date	7/21/2006		7/21/2006		7/20/2006		7/19/2006		7/21/2006		Groundwater
Lab Identification Number	60700211		60700211		60700193		60700178		60700211		Criteria
Volatile Organic Compounds (ug/Kg)											
Chlorobenzene	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
1,1,1,2-Tetrachloroethane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Ethylbenzene	**18**	J	**4**	J	**71**		ND		ND		5
M&P-Xylene	**140**		**13**		4	J	<10	*	2	J	10
O-Xylene	**28**		**5**		**7**		<5.0	*	<5.0	*	5
Styrene	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
Bromoform	ND		ND		ND		ND		ND		50
Isopropylbenzene	**93**		**74**		**81**		<5.0	*	**46**		5
1,1,2,2-Tetrachloroethane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
1,2,3-Trichloropropane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	0.04
n-Propylbenzene	110		110		43		ND		30		NS
trans-1,4-Dichloro-2-butene	<120	*	<25	*	<25	*	<25	*	<25	*	5
Bromobenzene	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
2-Chlorotoluene	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
1,3,5-Trimethylbenzene	**170**		<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
4-Chlorotoluene	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	5
tert-Butylbenzene	<25		4	J	3	J	<5.0		2	J	NS
1,2,4-Trimethylbenzene	**1300**		4	J	**42**		<5.0	*	<5.0	*	5
sec-Butylbenzene	**23**	J	**14**		**12**		<5.0	*	**8**		5
4-Isopropyltoluene	**13**	J	1	J	**5**	J	1	J	<5.0	*	5
1,3-Dichlorobenzene	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	3
1,4-Dichlorobenzene	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	3
n-Butylbenzene	**10**	J	<5.0		<5.0		<5.0		2	J	5
1,2-Dichlorobenzene	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	3
1,2-Dibromo-3-Chloropropane	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	0.04
Hexachlorobutadiene	<25	*	<5.0	*	<5.0	*	<5.0	*	<5.0	*	0.5
Naphthalene	**22**	J	4	J	**200**		ND		5	J	10

Table 4
Summary of Analytical Results - Groundwater
Volatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	**MW-33**		**MW-2**		**MW-4**		**NYSDEC**
Screen Depth (ft)	**5-15**		**5-15**		**5-15**		**TOGS**
Sample Date	**7/18/2006**		**7/25/2006**		**7/21/2006**		**Groundwater**
Lab Identification Number	**60700172**		**60700243**		**60700210**		**Criteria**
Volatile Organic Compounds (ug/Kg)							
Dichlorodifluoromethane	<5.0	*	<50	*	<500	*	5
Vinyl Chloride	<5.0	*	<50	*	**120**	**J**	2
Bromomethane	<5.0	*	<50	*	<500	*	5
Chloroethane	<5.0	*	<50	*	<500	*	5
Trichlorofluoromethane	<5.0	*	<50	*	<500	*	5
Acrolein	<25	*	<250	*	<2500	*	5
Acetone	10	J	<250	*	<2500	*	50
Carbon Disulfide	ND		<250	*	<2500	*	60
Methylene Chloride	<5.0	*	**160**		<500	*	5
Acrylonitrile	<25	*	<250	*	<2500	*	5
Methyl-Tert-Butyl-Ether	ND		<50	*	<500	*	10
1,1-Dichloroethane	<5.0	*	<50	*	<500	*	5
2-Butanone-(MEK)	20	J	<250	*	<2500	*	50
2,2-Dichloropropane	<5.0	*	<50	*	<500	*	5
cis-1,2-Dichloroethylene	ND		<50	*	110	J	NS
Chloroform	ND		<50	*	<500	*	7
Bromochloromethane	<5.0	*	<50	*	<500	*	5
1,1,1-Trichloroethane	<5.0	*	<50	*	<500	*	5
1,1-Dichloropropene	<5.0	*	<50	*	<500	*	5
Carbon Tetrachloride	<5.0	*	<50	*	<500	*	5
Benzene	<5.0	*	**66**		**57000**		1
1,2-Dichloroethane	<5.0	*	<50	*	<500	*	5
Trichloroethylene	ND		<50	*	<500	*	NS
1,2-Dichloropropane	<5.0	*	ND		<500	*	1
Toluene	ND		24	J	**26000**		74
Bromodichloromethane	ND		<50	*	<500	*	50
Dibromomethane	<5.0	*	<50	*	<500	*	5
1,1,2-Trichloroethane	<5.0	*	<50	*	<500	*	1
2-Hexanone	<25	*	<250	*	<2500	*	50
1,3-Dichloropropane	<5.0	*	<50	*	<500	*	5
Dibromochloromethane	ND		<50	*	<500	*	50

Table 4
Summary of Analytical Results - Groundwater
Volatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	MW-33		MW-2		MW-4		NYSDEC
Screen Depth (ft)	5-15		5-15		5-15		TOGS
Sample Date	7/18/2006		7/25/2006		7/21/2006		Groundwater
Lab Identification Number	60700172		60700243		60700210		Criteria
Volatile Organic Compounds (ug/Kg)							
Chlorobenzene	<5.0	*	<50	*	<500	*	5
1,1,1,2-Tetrachloroethane	<5.0	*	<50	*	<500	*	5
Ethylbenzene	<5.0	*	**100**		**5200**		5
M&P-Xylene	<10	*	**87**	**J**	**4300**		10
O-Xylene	<5.0	*	**51**		**2000**		5
Styrene	<5.0	*	<50	*	**670**		5
Bromoform	ND		<50	*	<500	*	50
Isopropylbenzene	3	J	**45**	**J**	<500	*	5
1,1,2,2-Tetrachloroethane	<5.0	*	<50	*	<500	*	5
1,2,3-Trichloropropane	<5.0	*	<50	*	<500	*	0.04
n-Propylbenzene	3	J	10	J	<500	*	NS
trans-1,4-Dichloro-2-butene	<25	*	<250	*	<2500	*	5
Bromobenzene	<5.0	*	<50	*	<500	*	5
2-Chlorotoluene	<5.0	*	<50	*	<500	*	5
1,3,5-Trimethylbenzene	1	J	**33**	**J**	**180**	**J**	5
4-Chlorotoluene	<5.0	*	<50	*	<500	*	5
tert-Butylbenzene	ND		<50	*	<500	*	NS
1,2,4-Trimethylbenzene	3	J	**81**		**760**		5
sec-Butylbenzene	<5.0	*	<50	*	<500	*	5
4-Isopropyltoluene	<5.0	*	<50	*	<500	*	5
1,3-Dichlorobenzene	<5.0	*	<50	*	<500	*	3
1,4-Dichlorobenzene	<5.0	*	<50	*	<500	*	3
n-Butylbenzene	<5.0	*	<50	*	<500	*	5
1,2-Dichlorobenzene	<5.0	*	<50	*	<500	*	3
1,2-Dibromo-3-Chloropropane	<5.0	*	<50	*	<500	*	0.04
Hexachlorobutadiene	<5.0	*	<50	*	<500	*	0.5
Naphthalene	2	J	**1900**		**15000**		10

Notes:
(1) Bold - Indicates value that exceeded the NYSDEC TOGS 1.1.1 Groundwater Criteria.
(2) ND - Non-detected above laboratory method detection limit
(3) NS - No Standard
(4) B - Analyte was detected in the associated method blank.
(5) J - Indicates an estimated value
(6) E - Indicates the analyte's concentration exceeds the calibration range of the instrument for that specific analysis.
(7) * - MDL exceeds the NYSDEC TOGS 1.1.1 Groundwater Criteria.

Table 5
Summary of Analytical Results - Groundwater
Semivolatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-B1S		TRC MW-1		TRC MW-2		TRC MW-3		TRC MW-3D		NYSDEC
Screen Depth (ft)	2.0-12.5		Unavailable		Unavailable		Unavailable		Unavailable		TOGS
Sample Date	7/20/2006		7/20/2006		7/20/2006		7/20/2006		7/20/2006		Groundwater
Lab Idenification Number	60700193		60700193		60700193		60700193		60700193		Criteria
Semivolatile Organic Compounds (ug/Kg)											
N-Nitrosodimethylamine	ND		ND		ND		ND		ND		50
Aniline	ND		ND		ND		ND		ND		5
bis(2-Chloroethyl)ether	<5	*	<5	*	<5	*	<5	*	<5	*	1
Phenol	<5	*	<5	*	<5	*	<5	*	<5	*	0.001
2-Chlorophenol	ND		ND		ND		ND		ND		NS
1,3-Dichlorobenzene	<5	*	<5	*	<5	*	<5	*	<5	*	3
1,4-Dichlorobenzene	<5	*	<5	*	<5	*	<5	*	<5	*	3
1,2-Dichlorobenzene	<5	*	<5	*	<5	*	<5	*	<5	*	2
Benzyl Alcohol	ND		ND		ND		ND		ND		NS
2-Methyl Phenol	ND		ND		ND		ND		ND		NS
Hexachloroethane	<5	*	<5	*	<5	*	<5	*	<5	*	5
3&4-Methyl Phenol	ND		ND		ND		ND		ND		NS
Nitrobenzene	<5	*	<5	*	<5	*	<5	*	<5	*	0.4
Isophorone	ND		ND		ND		ND		ND		50
2,4-Dimethylphenol	ND		ND		ND		ND		ND		50
bis(2-Chloroethoxy)methane	<5	*	<5	*	<5	*	<5	*	<5	*	5
2,4-Dichlorophenol	<5	*	<5	*	<5	*	<5	*	<5	*	5
Naphthalene	<5		1	J	<5		<5		<5		10
4-Chloroaniline	<5	*	<5	*	<5	*	<5	*	<5	*	5
Hexachlorobutadiene	<5	*	<5	*	<5	*	<5	*	<5	*	0.5
2-Methylnaphthalene	ND		ND		ND		ND		ND		NS
Hexachlorocyclopentadiene	<5	*	<5	*	<5	*	<5	*	<5	*	5
2-Chloronaphthalene	<5		<5		<5		<5		<5		10
2-Nitroaniline	<5	*	<5	*	<5	*	<5	*	<5	*	5
Acenaphthylene	ND		ND		ND		ND		ND		NS
Dimethyl Phthalate	<5		<5		<5		<5		<5		50
2,6-Dinitrotoluene	<5	*	<5	*	<5	*	<5	*	<5	*	5
Acenaphthene	ND		ND		ND		ND		ND		20
3-Nitroaniline	<5	*	<5	*	<5	*	<5	*	<5	*	5
2,4-Dinitrophenol	ND		ND		ND		ND		ND		10
Dibenzofuran	ND		ND		ND		ND		ND		NS
2,4-Dinitrotoluene	<5	*	<5	*	<5	*	<5	*	<5	*	5
Fluorene	ND		ND		ND		ND		ND		50
Diethyl Phthalate	ND		ND		ND		ND		ND		50

Table 5
Summary of Analytical Results - Groundwater
Semivolatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-B1S		TRC MW-1		TRC MW-2		TRC MW-3		TRC MW-3D		NYSDEC
Screen Depth (ft)	2.0-12.5		Unavailable		Unavailable		Unavailable		Unavailable		TOGS
Sample Date	7/20/2006		7/20/2006		7/20/2006		7/20/2006		7/20/2006		Groundwater
Lab Idenification Number	60700193		60700193		60700193		60700193		60700193		Criteria
Semivolatile Organic Compounds (ug/Kg)											
4-Nitroaniline	<5	*	<5	*	<5	*	<5	*	<5	*	5
N-Nitrosodiphenylamine	ND		ND		ND		ND		ND		50
Hexachlorobenzene	<5	*	<5	*	<5	*	<5	*	<5	*	0.04
Pentachlorophenol	ND		ND		ND		ND		ND		NS
Phenanthrene	ND		ND		ND		ND		ND		50
Anthracene	ND		ND		ND		ND		ND		50
Carbazole	ND		ND		ND		ND		ND		NS
Di-n-butylphthalate	ND		ND		ND		ND		ND		50
Fluoranthene	ND		ND		ND		ND		ND		50
Benzidine	<5	*	<5	*	<5	*	<5	*	<5	*	5
Pyrene	ND		ND		ND		ND		ND		50
Butyl Benzyl Phthalate	ND		ND		ND		ND		ND		50
3,3'-Dichlorobenzidine	<5	*	<5	*	<5	*	<5	*	<5	*	5
Benzo(a)anthracene	<5	*	<5	*	<5	*	<5	*	<5	*	0.002
Chrysene	<5	*	<5	*	<5	*	<5	*	<5	*	0.002
bis(2-Ethylhexyl)phthalate	1	J	ND		ND		ND		ND		5
Di-n-octyl phthalate	ND		ND		ND		ND		ND		50
Indeno (1,2,3-cd)Pyrene	<5	*	<5	*	<5	*	<5	*	<5	*	0.002
Benzo(b)fluoranthene	<5	*	<5	*	<5	*	<5	*	<5	*	0.002
Benzo(k)fluoranthene	<5	*	<5	*	<5	*	<5	*	<5	*	0.002
Benzo(a)pyrene	ND		ND		ND		ND		ND		NS
Benzo (g,h,i) perylene	ND		ND		ND		ND		ND		NS

Table 5
Summary of Analytical Results - Groundwater
Semivolatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-5	TRC MW-5D	TRC MW-6	TRC MW-7	TRC MW-7D	NYSDEC
Screen Depth (ft)	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	TOGS
Sample Date	7/18/2006	7/18/2006	7/18/2006	7/19/2006	7/19/2006	Groundwater
Lab Idenification Number	60700172	60700172	60700172	60700178	60700178	Criteria
Semivolatile Organic Compounds (ug/Kg)						
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	50
Aniline	ND	ND	ND	ND	ND	5
bis(2-Chloroethyl)ether	<5 *	<5 *	<5 *	<5 *	<5 *	1
Phenol	<5 *	<5 *	<5 *	<5 *	<5 *	0.001
2-Chlorophenol	ND	ND	ND	ND	ND	NS
1,3-Dichlorobenzene	<5 *	<5 *	<5 *	<5 *	<5 *	3
1,4-Dichlorobenzene	<5 *	<5 *	<5 *	<5 *	<5 *	3
1,2-Dichlorobenzene	<5 *	<5 *	<5 *	<5 *	<5 *	2
Benzyl Alcohol	<5	2 J	<5	<5	<5	NS
2-Methyl Phenol	16	20	<5	<5	<5	NS
Hexachloroethane	<5 *	<5 *	<5 *	<5 *	<5 *	5
3&4-Methyl Phenol	3 J	5 J	<11	<11	<11	NS
Nitrobenzene	<5 *	<5 *	<5 *	<5 *	<5 *	0.4
Isophorone	ND	ND	ND	ND	ND	50
2,4-Dimethylphenol	17	12	<5	<5	<5	50
bis(2-Chloroethoxy)methane	<5 *	<5 *	<5 *	<5 *	<5 *	5
2,4-Dichlorophenol	<5 *	<5 *	<5 *	<5 *	<5 *	5
Naphthalene	6	8	<5	<5	<5	10
4-Chloroaniline	<5 *	<5 *	<5 *	<5 *	<5 *	5
Hexachlorobutadiene	<5 *	<5 *	<5 *	<5 *	<5 *	0.5
2-Methylnaphthalene	3 J	3 J	1 J	<5	<5	NS
Hexachlorocyclopentadiene	<5 *	<5 *	<5 *	<5 *	<5 *	5
2-Chloronaphthalene	<5	<5	<5	<5	<5	10
2-Nitroaniline	<5 *	<5 *	<5 *	<5 *	<5 *	5
Acenaphthylene	ND	ND	ND	ND	ND	NS
Dimethyl Phthalate	<5	<5	<5	<5	<5	50
2,6-Dinitrotoluene	<5 *	<5 *	<5 *	<5 *	<5 *	5
Acenaphthene	<5	<5	3 J	2 J	2 J	20
3-Nitroaniline	<5 *	<5 *	<5 *	<5 *	<5 *	5
2,4-Dinitrophenol	<5	<5	<5	<5	<5	10
Dibenzofuran	ND	ND	ND	ND	ND	NS
2,4-Dinitrotoluene	<5 *	<5 *	<5 *	<5 *	<5 *	5
Fluorene	<5	<5	<5	1 J	2 J	50
Diethyl Phthalate	<5	<5	<5	<5	<5	50

Table 5
Summary of Analytical Results - Groundwater
Semivolatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-5	TRC MW-5D	TRC MW-6	TRC MW-7	TRC MW-7D	NYSDEC
Screen Depth (ft)	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	TOGS
Sample Date	7/18/2006	7/18/2006	7/18/2006	7/19/2006	7/19/2006	Groundwater
Lab Idenification Number	60700172	60700172	60700172	60700178	60700178	Criteria
Semivolatile Organic Compounds (ug/Kg)						
4-Nitroaniline	<5 *	<5 *	<5 *	<5 *	<5 *	5
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	50
Hexachlorobenzene	<5 *	<5 *	<5 *	<5 *	<5 *	0.04
Pentachlorophenol	ND	ND	ND	ND	ND	NS
Phenanthrene	ND	ND	ND	ND	ND	50
Anthracene	ND	ND	ND	ND	ND	50
Carbazole	ND	ND	ND	ND	ND	NS
Di-n-butylphthalate	2 J,B	2 J,B	2 J,B	<5	<5	50
Fluoranthene	ND	ND	ND	ND	ND	50
Benzidine	<5 *	<5 *	<5 *	<5 *	<5 *	5
Pyrene	ND	ND	ND	ND	ND	50
Butyl Benzyl Phthalate	ND	ND	ND	ND	ND	50
3,3'-Dichlorobenzidine	<5 *	<5 *	<5 *	<5 *	<5 *	5
Benzo(a)anthracene	<5 *	<5 *	<5 *	<5 *	<5 *	0.002
Chrysene	<5 *	<5 *	<5 *	<5 *	<5 *	0.002
bis(2-Ethylhexyl)phthalate	<5 *	<5 *	<5 *	<5 *	<5 *	5
Di-n-octyl phthalate	ND	ND	ND	ND	ND	50
Indeno (1,2,3-cd)Pyrene	<5 *	<5 *	<5 *	<5 *	<5 *	0.002
Benzo(b)fluoranthene	<5 *	<5 *	<5 *	<5 *	<5 *	0.002
Benzo(k)fluoranthene	<5 *	<5 *	<5 *	<5 *	<5 *	0.002
Benzo(a)pyrene	ND	ND	ND	ND	ND	NS
Benzo (g,h,i) perylene	ND	ND	ND	ND	ND	NS

Table 5
Summary of Analytical Results - Groundwater
Semivolatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-8	TRC MW-9	TRC MW-11	TRC MW-12	TRC MW-14	NYSDEC
Screen Depth (ft)	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	TOGS
Sample Date	7/21/2006	7/19/2006	7/18/2006	7/19/2006	7/21/2006	Groundwater
Lab Idenification Number	60700211	60700178	60700172	60700178	60700211	Criteria
Semivolatile Organic Compounds (ug/Kg)						
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	50
Aniline	ND	ND	ND	ND	ND	5
bis(2-Chloroethyl)ether	<5 *	<5 *	<5 *	<5 *	<5 *	1
Phenol	<5 *	<5 *	<5 *	<5 *	<5 *	0.001
2-Chlorophenol	ND	ND	ND	ND	ND	NS
1,3-Dichlorobenzene	<5 *	<5 *	<5 *	<5 *	<5 *	3
1,4-Dichlorobenzene	<5 *	<5 *	<5 *	<5 *	<5 *	3
1,2-Dichlorobenzene	<5 *	<5 *	<5 *	<5 *	<5 *	2
Benzyl Alcohol	ND	ND	ND	ND	ND	NS
2-Methyl Phenol	ND	ND	ND	ND	ND	NS
Hexachloroethane	<5 *	<5 *	<5 *	<5 *	<5 *	5
3&4-Methyl Phenol	ND	ND	ND	ND	ND	NS
Nitrobenzene	<5 *	<5 *	<5 *	<5 *	<5 *	0.4
Isophorone	ND	ND	ND	ND	ND	50
2,4-Dimethylphenol	ND	5 J	<5	<5	11	50
bis(2-Chloroethoxy)methane	<5 *	<5 *	<5 *	<5 *	<5 *	5
2,4-Dichlorophenol	<5 *	<5 *	<5 *	<5 *	<5 *	5
Naphthalene	ND	ND	ND	ND	ND	10
4-Chloroaniline	<5 *	<5 *	<5 *	<5 *	<5 *	5
Hexachlorobutadiene	<5 *	<5 *	<5 *	<5 *	<5 *	0.5
2-Methylnaphthalene	ND	ND	ND	ND	ND	NS
Hexachlorocyclopentadiene	<5 *	<5 *	<5 *	<5 *	<5 *	5
2-Chloronaphthalene	ND	ND	ND	ND	ND	10
2-Nitroaniline	<5 *	<5 *	<5 *	<5 *	<5 *	5
Acenaphthylene	ND	ND	ND	ND	ND	NS
Dimethyl Phthalate	ND	ND	ND	ND	ND	50
2,6-Dinitrotoluene	<5 *	<5 *	<5 *	<5 *	<5 *	5
Acenaphthene	ND	8	ND	ND	ND	20
3-Nitroaniline	<5 *	<5 *	<5 *	<5 *	<5 *	5
2,4-Dinitrophenol	ND	ND	ND	ND	ND	10
Dibenzofuran	ND	ND	ND	ND	ND	NS
2,4-Dinitrotoluene	<5 *	<5 *	<5 *	<5 *	<5 *	5
Fluorene	ND	ND	ND	ND	ND	50
Diethyl Phthalate	ND	ND	ND	ND	ND	50

Table 5
Summary of Analytical Results - Groundwater
Semivolatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-8	TRC MW-9	TRC MW-11	TRC MW-12	TRC MW-14	NYSDEC
Screen Depth (ft)	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	TOGS
Sample Date	7/21/2006	7/19/2006	7/18/2006	7/19/2006	7/21/2006	Groundwater
Lab Idenification Number	60700211	60700178	60700172	60700178	60700211	Criteria
Semivolatile Organic Compounds (ug/Kg)						
4-Nitroaniline	<5 *	<5 *	<5 *	<5 *	<5 *	5
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	50
Hexachlorobenzene	<5 *	<5 *	<5 *	<5 *	<5 *	0.04
Pentachlorophenol	ND	ND	ND	ND	ND	NS
Phenanthrene	ND	ND	ND	ND	ND	50
Anthracene	ND	ND	ND	ND	ND	50
Carbazole	ND	ND	ND	ND	1 J	NS
Di-n-butylphthalate	ND	ND	2 J,B	ND	ND	50
Fluoranthene	ND	13	ND	ND	ND	50
Benzidine	<5 *	<5 *	<5 *	<5 *	<5 *	5
Pyrene	ND	12	ND	ND	ND	50
Butyl Benzyl Phthalate	ND	ND	ND	ND	ND	50
3,3'-Dichlorobenzidine	<5 *	<5 *	<5 *	<5 *	<5 *	5
Benzo(a)anthracene	<5 *	<5 *	<5 *	<5 *	<5 *	0.002
Chrysene	<5 *	<5 *	<5 *	<5 *	<5 *	0.002
bis(2-Ethylhexyl)phthalate	<5 *	3 J	4 J	5 *	<5 *	5
Di-n-octyl phthalate	ND	ND	ND	ND	ND	50
Indeno (1,2,3-cd)Pyrene	<5 *	<5 *	<5 *	<5 *	<5 *	0.002
Benzo(b)fluoranthene	<5 *	3 I,J	<5 *	<5 I*	<5 I*	0.002
Benzo(k)fluoranthene	<5 *	<5 I	<5 *	<5 I*	<5 I*	0.002
Benzo(a)pyrene	ND	ND	ND	ND	ND	NS
Benzo (g,h,i) perylene	ND	ND	ND	ND	ND	NS

Table 5
Summary of Analytical Results - Groundwater
Semivolatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-14D		TRC MW-15		TRC MW-18		MW-28		MW-31		NYSDEC
Screen Depth (ft)	Unavailable		Unavailable		Unavailable		5-20		3-18		TOGS
Sample Date	7/21/2006		7/21/2006		7/20/2006		7/19/2006		7/21/2006		Groundwater
Lab Idenification Number	60700211		60700211		60700193		60700178		60700211		Criteria
Semivolatile Organic Compounds (ug/Kg)											
N-Nitrosodimethylamine	ND		ND		ND		ND		ND		50
Aniline	ND		ND		ND		ND		ND		5
bis(2-Chloroethyl)ether	<5	*	<5	*	<5	*	<5	*	<5	*	1
Phenol	**10**		**6**		<5	*	<5	*	<5	*	0.001
2-Chlorophenol	<5	*	<5	*	<5	*	<5	*	<5	*	NS
1,3-Dichlorobenzene	<5	*	<5	*	<5	*	<5	*	<5	*	3
1,4-Dichlorobenzene	<5	*	<5	*	<5	*	<5	*	<5	*	3
1,2-Dichlorobenzene	<5	*	<5	*	<5	*	<5	*	<5	*	2
Benzyl Alcohol	ND		ND		ND		ND		ND		NS
2-Methyl Phenol	ND		ND		ND		ND		ND		NS
Hexachloroethane	<5	*	<5	*	<5	*	<5	*	<5	*	5
3&4-Methyl Phenol	ND		ND		ND		ND		ND		NS
Nitrobenzene	<5	*	<5	*	<5	*	<5	*	<5	*	0.4
Isophorone	ND		ND		ND		ND		ND		50
2,4-Dimethylphenol	10		ND		ND		ND		ND		50
bis(2-Chloroethoxy)methane	<5	*	<5	*	<5	*	<5	*	<5	*	5
2,4-Dichlorophenol	<5	*	<5	*	<5	*	<5	*	<5	*	5
Naphthalene	<5		3	J	**140**		<5		<5		10
4-Chloroaniline	<5	*	<5	*	<5	*	<5	*	<5	*	5
Hexachlorobutadiene	<5	*	<5	*	<5	*	<5	*	<5	*	0.5
2-Methylnaphthalene	2	J	ND		2	J	ND		ND		NS
Hexachlorocyclopentadiene	<5	*	<5	*	<5	*	<5	*	<5	*	5
2-Chloronaphthalene	ND		ND		ND		ND		ND		10
2-Nitroaniline	<5	*	<5	*	<5	*	<5	*	<5	*	5
Acenaphthylene	ND		ND		3	J	ND		ND		NS
Dimethyl Phthalate	ND		ND		ND		ND		ND		50
2,6-Dinitrotoluene	<5	*	<5	*	<5	*	<5	*	<5	*	5
Acenaphthene	ND		ND		**110**		ND		1	J	20
3-Nitroaniline	<5	*	<5	*	<5	*	<5	*	<5	*	5
2,4-Dinitrophenol	ND		ND		ND		ND		ND		10
Dibenzofuran	ND		ND		6		ND		ND		NS
2,4-Dinitrotoluene	<5	*	<5	*	<5	*	<5	*	<5	*	5
Fluorene	ND		1	J	26		ND		2	J	50
Diethyl Phthalate	ND		ND		ND		ND		ND		50

Table 5
Summary of Analytical Results - Groundwater
Semivolatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-14D		TRC MW-15		TRC MW-18		MW-28		MW-31		NYSDEC
Screen Depth (ft)	Unavailable		Unavailable		Unavailable		5-20		3-18		TOGS
Sample Date	7/21/2006		7/21/2006		7/20/2006		7/19/2006		7/21/2006		Groundwater
Lab Idenification Number	60700211		60700211		60700193		60700178		60700211		Criteria
Semivolatile Organic Compounds (ug/Kg)											
4-Nitroaniline	<5	*	<5	*	<5	*	<5	*	<5	*	5
N-Nitrosodiphenylamine	ND		ND		ND		ND		ND		50
Hexachlorobenzene	<5	*	<5	*	<5	*	<5	*	<5	*	0.04
Pentachlorophenol	ND		ND		ND		ND		ND		NS
Phenanthrene	ND		1	J	40		ND		1	J	50
Anthracene	ND		ND		10		ND		ND		50
Carbazole	1	J	ND		5	J	ND		ND		NS
Di-n-butylphthalate	ND		ND		ND		ND		ND		50
Fluoranthene	ND		ND		5		ND		1	J	50
Benzidine	<5	*	<5	*	<5	*	<5	*	<5	*	5
Pyrene	ND		ND		4	J	ND		2	J	50
Butyl Benzyl Phthalate	ND		ND		ND		ND		ND		50
3,3'-Dichlorobenzidine	<5	*	<5	*	<5	*	<5	*	<5	*	5
Benzo(a)anthracene	<5	*	<5	*	<5	*	<5	*	<5	*	0.002
Chrysene	<5	*	<5	*	<5	*	<5	*	<5	*	0.002
bis(2-Ethylhexyl)phthalate	<5	*	<5	*	<5	*	1	J	ND		5
Di-n-octyl phthalate	ND		ND		ND		ND		ND		50
Indeno (1,2,3-cd)Pyrene	<5	*	<5	*	<5	*	<5	*	<5	*	0.002
Benzo(b)fluoranthene	<5	I*	<5	I*	ND		ND		<5	I*	0.002
Benzo(k)fluoranthene	<5	I*	<5	I*	ND		ND		<5	I*	0.002
Benzo(a)pyrene	ND		ND		ND		ND		ND		NS
Benzo (g,h,i) perylene	ND		ND		ND		ND		ND		NS

Table 5
Summary of Analytical Results - Groundwater
Semivolatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	MW-33		MW-2		MW-4		NYSDEC
Screen Depth (ft)	5-15		5-15		5-15		TOGS
Sample Date	7/18/2006		7/25/2006		7/21/2006		Groundwater
Lab Idenification Number	60700172		60700243		60700210		Criteria
Semivolatile Organic Compounds (ug/Kg)							
N-Nitrosodimethylamine	ND		ND		<2500	*	50
Aniline	ND		<5.0	*	<2500	*	5
bis(2-Chloroethyl)ether	<6	*	<5.0	*	<2500	*	1
Phenol	<6	*	<5.0	*	<2500	*	0.001
2-Chlorophenol	ND		ND		ND		NS
1,3-Dichlorobenzene	<6	*	<5.0	*	<2500	*	3
1,4-Dichlorobenzene	<6	*	<5.0	*	<2500	*	3
1,2-Dichlorobenzene	<6	*	<5.0	*	<2500	*	2
Benzyl Alcohol	ND		ND		ND		NS
2-Methyl Phenol	ND		ND		ND		NS
Hexachloroethane	<6	*	<5.0	*	<2500	*	5
3&4-Methyl Phenol	ND		ND		ND		NS
Nitrobenzene	<6	*	<5.0	*	<2500	*	0.4
Isophorone	ND		ND		<2500	*	50
2,4-Dimethylphenol	ND		ND		ND		50
bis(2-Chloroethoxy)methane	<6	*	<5.0	*	<2500	*	5
2,4-Dichlorophenol	<6	*	<5.0	*	<2500	*	5
Naphthalene	ND		3	J	**120000**		10
4-Chloroaniline	ND		<5.0	*	<2500	*	5
Hexachlorobutadiene	<6	*	<5.0	*	<2500	*	0.5
2-Methylnaphthalene	ND		33		47000		NS
Hexachlorocyclopentadiene	<6	*	<5.0	*	<2500	*	5
2-Chloronaphthalene	ND		ND		<2500	*	10
2-Nitroaniline	<6	*	<5.0	*	<2500	*	5
Acenaphthylene	ND		5	J	36000		NS
Dimethyl Phthalate	ND		ND		<2500	*	50
2,6-Dinitrotoluene	<6	*	<5.0	*	<2500	*	5
Acenaphthene	ND		**71**		**2400**	**J**	20
3-Nitroaniline	<6	*	<5.0	*	<2500	*	5
2,4-Dinitrophenol	ND		ND		<2500	*	10
Dibenzofuran	ND		3	J	1400	J	NS
2,4-Dinitrotoluene	<6	*	<5.0	*	<2500	*	5
Fluorene	ND		12		**12000**		50
Diethyl Phthalate	<6	*	ND		<2500	*	50

Table 5
Summary of Analytical Results - Groundwater
Semivolatile Organic Compounds
Bayside Fuel Oil Company Site Investigation

Monitoring Well	MW-33		MW-2		MW-4		NYSDEC
Screen Depth (ft)	5-15		5-15		5-15		TOGS
Sample Date	7/18/2006		7/25/2006		7/21/2006		Groundwater
Lab Idenification Number	60700172		60700243		60700210		Criteria
Semivolatile Organic Compounds (ug/Kg)							
4-Nitroaniline	<6	*	<5.0	*	<2500	*	5
N-Nitrosodiphenylamine	ND		ND		ND		50
Hexachlorobenzene	<6	*	<5.0	*	<2500	*	0.04
Pentachlorophenol	ND		ND		ND		NS
Phenanthrene	ND		18		**30000**		50
Anthracene	ND		7		**9400**		50
Carbazole	ND		17		ND		NS
Di-n-butylphthalate	2	J,B	ND		<2500	*	50
Fluoranthene	ND		5		**8700**		50
Benzidine	<6	*	<5.0	*	<2500	*	5
Pyrene	ND		5		**12000**		50
Butyl Benzyl Phthalate	ND		ND		<2500	*	50
3,3'-Dichlorobenzidine	<6	*	<5.0	*	<2500	*	5
Benzo(a)anthracene	<6	*	**1**	**J**	**4400**		0.002
Chrysene	<6	*	<5.0	*	**3800**		0.002
bis(2-Ethylhexyl)phthalate	<6	*	<5.0	*	<2500	*	5
Di-n-octyl phthalate	ND		ND		<2500	*	50
Indeno (1,2,3-cd)Pyrene	<6	*	<5.0	*	<2500	*	0.002
Benzo(b)fluoranthene	<6	*	**3**	**J**	**3700**		0.002
Benzo(k)fluoranthene	<6	*	<5.0	*	**1400**	J	0.002
Benzo(a)pyrene	ND		ND		3600		NS
Benzo (g,h,i) perylene	ND		ND		620	J	NS

Notes:
(1) Bold - Indicates value that exceeded the NYSDEC TOGS 1.1.1 Groundwater Criteria.
(2) ND - Non-detected above laboratory method detection limit
(3) NS - No Standard
(4) B - Analyte was detected in the associated method blank.
(5) J - Indicates an estimated value
(6) I - Internal standard recovery outside of method limits. Matrix interference was confirmed by reanalysis.
(7) * - MDL exceeds the NYSDEC TOGS 1.1.1 Groundwater Criteria.

Table 6
Summary of Analytical Results - Groundwater
Polychlorinated Biphenyls
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-B1S	TRC MW-1	TRC MW-2	TRC MW-3	TRC MW-3D	NYSDEC
Screen Depth (ft)	2.0-12.5	Unavailable	Unavailable	Unavailable	Unavailable	TOGS
Sample Date	7/20/2006	7/20/2006	7/20/2006	7/20/2006	7/20/2006	Groundwater
Lab Idenification Number	60700193	60700193	60700193	60700193	60700193	Criteria
Polychlorinated Biphenyls (PCBs) (ug/Kg)						
PCB-1016	<1.00 *	<1.00 *	<1.00 *	<1.00 *	<1.00 *	0.09
PCB-1221	<1.00 *	<1.00 *	<1.00 *	<1.00 *	<1.00 *	0.09
PCB-1232	<1.00 *	<1.00 *	<1.00 *	<1.00 *	<1.00 *	0.09
PCB-1242	<1.00 *	<1.00 *	<1.00 *	<1.00 *	<1.00 *	0.09
PCB-1248	<1.00 *	<1.00 *	<1.00 *	<1.00 *	<1.00 *	0.09
PCB-1254	<1.00 *	<1.00 *	<1.00 *	<1.00 *	<1.00 *	0.09
PCB-1260	<1.00 *	<1.00 *	<1.00 *	<1.00 *	<1.00 *	0.09
PCB-1262	<1.00 *	<1.00 *	<1.00 *	<1.00 *	<1.00 *	0.09

Monitoring Well	TRC MW-5	TRC MW-5D	TRC MW-6	TRC MW-7	TRC MW-7D	NYSDEC
Screen Depth (ft)	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	TOGS
Sample Date	7/18/2006	7/18/2006	7/18/2006	7/19/2006	7/19/2006	Groundwater
Lab Idenification Number	60700172	60700172	60700172	60700178	60700178	Criteria
Polychlorinated Biphenyls (PCBs) (ug/Kg)						
PCB-1016	<1.0 *	<1.0 *	<1.0 *	<1.1 *	<1.0 *	0.09
PCB-1221	<1.0 *	<1.0 *	<1.0 *	<1.1 *	<1.0 *	0.09
PCB-1232	<1.0 *	<1.0 *	<1.0 *	<1.1 *	<1.0 *	0.09
PCB-1242	<1.0 *	<1.0 *	<1.0 *	<1.1 *	<1.0 *	0.09
PCB-1248	<1.0 *	<1.0 *	<1.0 *	<1.1 *	<1.0 *	0.09
PCB-1254	<1.0 *	<1.0 *	<1.0 *	<1.1 *	<1.0 *	0.09
PCB-1260	<1.0 *	<1.0 *	<1.0 *	<1.1 *	<1.0 *	0.09
PCB-1262	<1.0 *	<1.0 *	<1.0 *	<1.1 *	<1.0 *	0.09

Table 6
Summary of Analytical Results - Groundwater
Polychlorinated Biphenyls
Bayside Fuel Oil Company Site Investigation

Monitoring Well Screen Depth (ft) Sample Date Lab Idenification Number	TRC MW-8 Unavailable 7/21/2006 60700211	TRC MW-9 Unavailable 7/19/2006 60700178	TRC MW-11 Unavailable 7/18/2006 60700172	TRC MW-12 Unavailable 7/19/2006 60700178	TRC MW-14 Unavailable 7/21/2006 60700211	NYSDEC TOGS Groundwater Criteria
Polychlorinated Biphenyls (PCBs) (ug/Kg)						
PCB-1016	<1.00 *	<1.1 *	<1.0 *	<1.0 *	<1.00 *	0.09
PCB-1221	<1.00 *	<1.1 *	<1.0 *	<1.0 *	<1.00 *	0.09
PCB-1232	<1.00 *	<1.1 *	<1.0 *	<1.0 *	<1.00 *	0.09
PCB-1242	<1.00 *	<1.1 *	<1.0 *	<1.0 *	<1.00 *	0.09
PCB-1248	<1.00 *	<1.1 *	<1.0 *	<1.0 *	<1.00 *	0.09
PCB-1254	<1.00 *	<1.1 *	<1.0 *	<1.0 *	<1.00 *	0.09
PCB-1260	<1.00 *	<1.1 *	<1.0 *	<1.0 *	<1.00 *	0.09
PCB-1262	<1.00 *	<1.1 *	<1.0 *	<1.0 *	<1.00 *	0.09

Monitoring Well Screen Depth (ft) Sample Date Lab Idenification Number	TRC MW-14D Unavailable 7/21/2006 60700211	TRC MW-15 Unavailable 7/21/2006 60700211	TRC MW-18 Unavailable 7/20/2006 60700193	MW-28 5-20 7/19/2006 60700178	MW-31 3-18 7/21/2006 60700211	NYSDEC TOGS Groundwater Criteria
Polychlorinated Biphenyls (PCBs) (ug/Kg)						
PCB-1016	<1.00 *	<1.00 *	<1.00 *	<1.0 *	<1.00 *	0.09
PCB-1221	<1.00 *	<1.00 *	<1.00 *	<1.0 *	<1.00 *	0.09
PCB-1232	<1.00 *	<1.00 *	<1.00 *	<1.0 *	<1.00 *	0.09
PCB-1242	<1.00 *	<1.00 *	<1.00 *	<1.0 *	<1.00 *	0.09
PCB-1248	<1.00 *	<1.00 *	<1.00 *	<1.0 *	<1.00 *	0.09
PCB-1254	<1.00 *	<1.00 *	<1.00 *	<1.0 *	<1.00 *	0.09
PCB-1260	<1.00 *	<1.00 *	<1.00 *	<1.0 *	<1.00 *	0.09
PCB-1262	<1.00 *	<1.00 *	<1.00 *	<1.0 *	<1.00 *	0.09

Table 6
Summary of Analytical Results - Groundwater
Polychlorinated Biphenyls
Bayside Fuel Oil Company Site Investigation

Monitoring Well	MW-33	NYSDEC
Screen Depth (ft)	5-15	TOGS
Sample Date	7/18/2006	Groundwater
Lab Idenification Number	60700172	Criteria
Polychlorinated Biphenyls (PCBs) (ug/Kg)		
PCB-1016	<1.1 *	0.09
PCB-1221	<1.1 *	0.09
PCB-1232	<1.1 *	0.09
PCB-1242	<1.1 *	0.09
PCB-1248	<1.1 *	0.09
PCB-1254	<1.1 *	0.09
PCB-1260	<1.1 *	0.09
PCB-1262	<1.1 *	0.09

Notes:
(1) * - MDL exceeds the NYSDEC TOGS 1.1.1 Groundwater Criteria.

Table 7
Summary of Analytical Results - Groundwater
Total Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-B1S		TRC MW-1		TRC MW-2		TRC MW-3		TRC MW-3D		NYSDEC
Screen Depth (ft)	2.0-12.5		Unavailable		Unavailable		Unavailable		Unavailable		TOGS
Sample Date	7/20/2006		7/20/2006		7/20/2006		7/20/2006		7/20/2006		Groundwater
Lab Identification Number	60700193		60700193		60700193		60700193		60700193		Criteria
TAL Metals (mg/Kg)											
Aluminum	ND		ND		ND		ND		ND		NS
Antimony	<0.0100	*	<0.0100	*	<0.0100	*	<0.0100	*	<0.0100	*	0.003
Barium	0.0364		0.0714		0.0872		0.0394		0.0387		1
Arsenic	ND		ND		ND		0.0226		0.0149		0.025
Beryllium	ND		ND		ND		ND		ND		0.003
Cadmium	ND		ND		ND		ND		ND		0.005
Chromium	ND		ND		ND		ND		ND		0.05
Calcium	143		217		224		225		230		NS
Copper	0.00652		0.0128		0.00741		ND		0.00952		0.2
Cobalt	ND		ND		ND		ND		ND		NS
Iron	**0.836**		**0.390**		**0.562**		0.258		0.269		0.3
Magnesium	9.88		**650**		**624**		**736**		**739**		35
Lead	ND		ND		ND		ND		ND		0.025
Manganese	0.0578		0.0319		0.0590		0.103		0.105		0.3
Mercury	ND		ND		ND		ND		ND		0.0007
Nickel	ND		ND		ND		ND		ND		0.1
Potassium	29.9		314		290		356		370		NS
Sodium	**71.2**		**5230**		**4820**		**5860**		**5940**		20
Silver	ND		ND		ND		ND		ND		0.05
Selenium	<0.0200	*	<0.0200	*	<0.0200	*	<0.0200	*	<0.0200	*	0.01
Zinc	ND		0.0881		ND		ND		ND		2
Thallium	<0.0200	*	<0.0200	*	<0.0200	*	<0.0200	*	<0.0200	*	0.0005
Vanadium	ND		ND		ND		ND		ND		NS
Total Cyanide (mg/Kg)	ND		ND		ND		ND		ND		0.2

Table 7
Summary of Analytical Results - Groundwater
Total Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-5		TRC MW-5D		TRC MW-6		TRC MW-7		TRC MW-7D		NYSDEC
Screen Depth (ft)	Unavailable		Unavailable		Unavailable		Unavailable		Unavailable		TOGS
Sample Date	7/18/2006		7/18/2006		7/18/2006		7/19/2006		7/19/2006		Groundwater
Lab Identification Number	60700172		60700172		60700172		60700178		60700178		Criteria
TAL Metals (mg/Kg)											
Aluminum	0.152		ND		2.10		ND		ND		NS
Antimony	<0.0100	*	<0.0100	*	<0.0100	*	<0.0100	*	<0.0100	*	0.003
Barium	0.0415		0.0390		0.130		0.216		0.218		1
Arsenic	ND		ND		ND		ND		ND		0.025
Beryllium	ND		ND		ND		ND		ND		0.003
Cadmium	ND		ND		ND		ND		ND		0.005
Chromium	ND		0.00711		0.0108		ND		ND		0.05
Calcium	23.6		22.5		116		99.1		100		NS
Copper	0.0109		0.00991		0.0150		0.00664		<0.00500		0.2
Cobalt	ND		ND		ND		ND		ND		NS
Iron	**5.19**		**4.89**		**10.4**		**6.52**		**6.70**		0.3
Magnesium	4.60		4.26		15.9		12.7		12.8		35
Lead	0.0137		0.0129		0.0101		ND		ND		0.025
Manganese	**0.301**		0.290		**0.833**		**0.372**		**0.374**		0.3
Mercury	ND		ND		ND		ND		ND		0.0007
Nickel	ND		ND		ND		ND		ND		0.1
Potassium	3.19		3.12		16.1		8.80		8.78		NS
Sodium	**20.4**		19.9		**69.3**		**51.4**		**51.3**		20
Silver	ND		ND		ND		ND		ND		0.05
Selenium	<0.0200	*	<0.0200	*	<0.0200	*	<0.0200	*	<0.0200	*	0.01
Zinc	0.0604		0.0589		ND		ND		ND		2
Thallium	<0.0200	*	<0.0200	*	<0.0200	*	<0.0200	*	<0.0200	*	0.0005
Vanadium	ND		ND		ND		ND		ND		NS
Total Cyanide (mg/Kg)	ND		ND		ND		ND		ND		0.2

Table 7
Summary of Analytical Results - Groundwater
Total Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Monitoring Well Screen Depth (ft) Sample Date Lab Identification Number	TRC MW-8 Unavailable 7/21/2006 60700211	TRC MW-9 Unavailable 7/19/2006 60700178	TRC MW-11 Unavailable 7/18/2006 60700172	TRC MW-12 Unavailable 7/19/2006 60700178	TRC MW-14 Unavailable 7/21/2006 60700211	NYSDEC TOGS Groundwater Criteria
TAL Metals (mg/Kg)						
Aluminum	2.84	0.220	0.356	3.01	ND	NS
Antimony	<0.0100 *	<0.0100 *	<0.0100 *	<0.0100 *	<0.0100 *	0.003
Barium	0.123	0.417	0.0469	0.0711	0.209	1
Arsenic	ND	ND	ND	ND	ND	0.025
Beryllium	ND	ND	ND	ND	ND	0.003
Cadmium	ND	ND	ND	ND	ND	0.005
Chromium	0.00708	ND	0.00660	0.00774	ND	0.05
Calcium	62.8	90.7	46.5	302	62.7	NS
Copper	0.0140	0.00505	0.00788	ND	ND	0.2
Cobalt	ND	ND	ND	ND	ND	NS
Iron	**7.52**	**2.68**	**1.75**	**351**	**15.0**	0.3
Magnesium	6.88	9.63	7.90	**158**	5.03	35
Lead	0.0233	ND	ND	ND	ND	0.025
Manganese	**0.329**	0.267	0.191	**16.0**	**0.380**	0.3
Mercury	ND	ND	ND	ND	ND	0.0007
Nickel	ND	ND	ND	ND	ND	0.1
Potassium	5.96	4.88	2.90	48.0	5.88	NS
Sodium	12.3	**26.8**	9.63	**548**	**23.1**	20
Silver	ND	ND	ND	ND	ND	0.05
Selenium	<0.0200 *	<0.0200 *	<0.0200 *	<0.0200 *	<0.0200 *	0.01
Zinc	0.188	ND	ND	ND	ND	2
Thallium	<0.0200 *	<0.0200 *	<0.0200 *	<0.0200 *	<0.0200 *	0.0005
Vanadium	ND	ND	ND	ND	ND	NS
Total Cyanide (mg/Kg)	ND	ND	ND	ND	ND	0.2

Table 7
Summary of Analytical Results - Groundwater
Total Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Monitoring Well	TRC MW-14D	TRC MW-15	TRC MW-18	MW-28	MW-31	NYSDEC
Screen Depth (ft)	Unavailable	Unavailable	Unavailable	5-20	3-18	TOGS
Sample Date	7/21/2006	7/21/2006	7/20/2006	7/19/2006	7/21/2006	Groundwater
Lab Identification Number	60700211	60700211	60700193	60700178	60700211	Criteria
TAL Metals (mg/Kg)						
Aluminum	ND	ND	ND	0.837 M1	53.4	NS
Antimony	<0.0100 *	<0.0100 *	<0.0100 *	<0.0100 *	<0.0100 *	0.003
Barium	0.212	0.207	0.0801	0.195	0.703	1
Arsenic	**0.0252**	0.0106	ND	0.0197	0.102	0.025
Beryllium	ND	ND	ND	ND	ND	0.003
Cadmium	ND	ND	ND	ND	ND	0.005
Chromium	ND	ND	ND	ND	0.114	0.05
Calcium	63.5	101	160	181	150	NS
Copper	ND	ND	ND	0.0164	0.198	0.2
Cobalt	ND	ND	ND	ND	ND	NS
Iron	**15.2**	**11.4**	0.119	**4.76**	**110**	0.3
Magnesium	5.10	6.22	**83.5**	**354**	23.7	35
Lead	ND	ND	ND	**0.0337**	**0.571**	0.025
Manganese	**0.385**	**0.567**	0.188	**2.40**	**1.49**	0.3
Mercury	ND	ND	ND	ND	ND	0.0007
Nickel	ND	ND	ND	ND	0.0842	0.1
Potassium	5.94	5.26	39.7	149	20.0	NS
Sodium	**22.8**	10.7	**932**	**2820**	**57.1**	20
Silver	ND	ND	ND	ND	ND	0.05
Selenium	<0.0200 *	<0.0200 *	<0.0200 *	<0.0200 *	<0.0200 *	0.01
Zinc	ND	ND	ND	ND	0.587	2
Thallium	<0.0200 *	<0.0200 *	<0.0200 *	<0.0200 *	<0.0200 *	0.0005
Vanadium	ND	ND	ND	ND	ND	NS
Total Cyanide (mg/Kg)	0.01	0.01	0.04	<0.01	0.02	0.2

Table 7
Summary of Analytical Results - Groundwater
Total Analyte List Metals
Bayside Fuel Oil Company Site Investigation

Monitoring Well	MW-33		MW-2		MW-4		NYSDEC
Screen Depth (ft)	5-15		5-15		5-15		TOGS
Sample Date	7/18/2006		7/25/2006		7/21/2006		Groundwater
Lab Identification Number	60700172		60700243		60700210		Criteria
TAL Metals (mg/Kg)							
Aluminum	3.68		1.57		128		NS
Antimony	ND		<0.0100	*	<0.0100	*	0.003
Barium	0.0716		0.197		**1.58**		1
Arsenic	ND		0.166		**0.180**		0.025
Beryllium	ND		ND		**0.00832**		0.003
Cadmium	ND		ND		**0.00867**		0.005
Chromium	0.0149		0.00722		**0.690**		0.05
Calcium	49.2		96.6		183		NS
Copper	0.0152		0.0229		**0.632**		0.2
Cobalt	ND		ND		0.118		NS
Iron	**9.43**		**8.24**		**316**		0.3
Magnesium	11.5		**107**		**134**		35
Lead	0.0126		**0.0498**		**1.05**		0.025
Manganese	**0.359**		**0.769**		**7.27**		0.3
Mercury	**ND**		ND		0.00318		0.0007
Nickel	ND		<0.0400	*	**0.331**		0.1
Potassium	8.21		51.0		43.6		NS
Sodium	**53.0**		**743**		**627**		20
Silver	**ND**		ND		ND		0.05
Selenium	<0.0200	*	<0.0200	*	<0.0200	*	0.01
Zinc	0.0514		ND		1.46		2
Thallium	<0.0200	*	<0.0200	*	<0.0200	*	0.0005
Vanadium	ND		ND		ND		NS
Total Cyanide (mg/Kg)	ND		0.11		0.10		0.2

Notes:
(1) Bold - Indicates value that exceeded the NYSDEC TOGS 1.1.1 Groundwater Criteria.
(2) ND - Non-detected above laboratory method detection limit
(3) NS - No Standard
(4) * - MDL exceeds the NYSDEC TOGS 1.1.1 Groundwater Criteria