GEI Consultants

Geotechnical
Environmental and
Water Resources
Engineering

IRM Summary Report — Oxygen Injection System Installation

Bay Shore Former MGP Site

Operable Unit No. 2
Bay Shore, New York
AOC Index No. D1-0001-98-11

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Executive Summary

On behalf of KeySpan Corporation (KeySpan), GEI Consultants, Inc. has prepared this Interim Remedial Measure (IRM) Oxygen System Installation Report for Operable Unit No. 2 (OU-2) of the Bay Shore/Brightwaters Former Manufactured Gas Plant (MGP) Site located in Bay Shore, Suffolk County, New York (Figure 1). This report summarizes the system installation activities, background analytical sampling, system start-up procedures, and post installation analytical sampling. All activities were conducted in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved IRM Work Plan dated December 2, 2004. The IRM Work Plan was approved on December 13, 2004.

The oxygen injection system was installed to enhance bioremediation in groundwater within the dissolved phase contaminant plume emanating from Operable Unit No. 1 (OU-1) of the former Bay Shore/Brightwaters MGP Site utilizing oxygen injection technology. The oxygen injection system was installed to support the final remedy at OU-1. A Remedial Action Plan (RAP) to address the MGP-related contamination at OU-1 has been approved by the NYSDEC. Remedial measures will be implemented as part of the OU-1 RAP to mitigate contamination discharge from the former Bay Shore MGP Site to OU-2. The reduction in the flux of MGP-related dissolved-phase contaminants to OU-2 following the implementation of the OU-1 RAP will over time reduce or eliminate the discharge to Lawrence Creek.

The performance objective of the oxygen injection system is to reduce the concentration of MGP-related contaminants in the dissolved-phase groundwater plume discharging into Lawrence Creek by 75 to 90 percent pending the remedy at OU-1.

KeySpan intends to continue to operate and maintain the oxygen injection system until the following long-term performance based goals are met:

- A permanent remedy is implemented at the Bay Shore site (OU-1) leading to control of the source of the groundwater contamination, and a final Remedial Action (RA) can be implemented for OU-2; or

- A permanent remedy is implemented at the Bay Shore site (OU-1) leading to control of the source of the groundwater contamination and this IRM becomes the final RA implemented for OU-2; or

- Continued operation of the oxygen injection system produces diminishing returns as indicated by periodic groundwater monitoring up and downgradient of the oxygen injection system.

Following installation and start-up, the oxygen injection system has operated as expected during the initial start-up period. Dissolved oxygen levels are increasing in monitoring wells downgradient of the injection well lines and initial indications in select wells are that benzene, toluene, ethylbenzene, xylene, and polycyclic aromatic hydrocarbon concentrations are decreasing within the treatment zone. Soil vapor sampling conducted before and after system start-up indicates that there is no influence of the oxygen injection system on the soil vapor concentrations in OU-2. Concentrations of soil vapor have fluctuated with seasonal variation in the water table elevation and significant metrological events which occurred during the period.

The system will continue to be monitored monthly to ensure proper operation; and the results of the system operations, maintenance, and monitoring will be summarized in the Bay Shore/Brightwaters Former MGP Site Quarterly Operations, Maintenance, and Monitoring Reports.

1. Introduction

On behalf of KeySpan Corporation (KeySpan), GEI Consultants, Inc. (GEI) has prepared this Interim Remedial Measure (IRM) Oxygen Injection System Installation Report for Operable Unit No. 2 (OU-2) of the Bay Shore Former Manufactured Gas Plant (MGP) Site located in Bay Shore, Suffolk County, New York (Figure 1). The oxygen injection system was installed to enhance bioremediation in groundwater within the dissolved phase contaminant plume emanating from Operable Unit No. 1 (OU-1) of the former Bay Shore/Brightwaters MGP Site utilizing oxygen injection technology. The oxygen injection system was installed to support the final remedy at OU-1. All activities were conducted in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved IRM Work Plan dated December 2, 2004. The IRM Work Plan was approved on December 13, 2004.

OU-1 of the Bay Shore/Brightwaters former MGP Site is located in Bay Shore, in the Town of Islip, Suffolk County, New York. OU-1 is the former location of the MGP facilities and gas holders. OU-2 encompasses an area that extends from the former MGP site in a southerly direction (downgradient) approximately 3,400 feet to the head of Lawrence Creek (Figure 2). Remedial investigations at the former MGP and vicinity have identified dissolved contaminants within the groundwater that appear to be traveling from OU-1 and entering the head of Lawrence Creek, just south of Lawrence Lake in the vicinity of the intersection of Manatuck and Garner Lanes. The dissolved phase contaminants consist principally of benzene, toluene, ethylbenzene, and xylene (BTEX) and naphthalene.

1.1 Site Description and History

The Bay Shore MGP began operations in the late 1880s on the OU-1 parcel. The plant was operated by Mutual Gas and Light Company, The Suffolk Gas and Electric Light Company, and later the Long Island Lighting Company (LILCO) in 1918. LILCO operated the plant from 1918 to approximately 1973 when most of the facilities were demolished. In 1998, KeySpan acquired the former MGP property through a merger of LILCO and Brooklyn Union Gas Company.

OU-2 is depicted on Figure 2 and includes a mixture of residential and light commercial properties. The OU-2 dissolved-phase groundwater plume appears to migrate south to southeast from OU-1 in the direction of local groundwater flow. The Remedial Investigation (RI) and subsequent groundwater sampling events have bounded the width of the plume to an approximately 500 feet wide path extending from OU-1 and the southeast corner of the Bay Shore West Parcel. The total length of the plume is estimated to be approximately 3,400 feet extending from OU-1 to the discharge point at Lawrence Creek.

Lawrence Creek is a tidally influenced surface water body located south of Montauk Highway. Although the plume discharges to Lawrence Creek, analysis of surface water and sediment samples collected from the suspected discharge area during the RI indicated BTEX and polycyclic aromatic hydrocarbons (PAH) to be at relatively low concentrations. Impact to the underlying Magothy aquifer is not expected. While the groundwater plume immediately downgradient of OU-1 appears to extend throughout the vertical profile of the Upper Glacial aquifer, the low permeability fine sands, silt, and clay underlying this aquifer restricts the downward migration of the plume. The downward migration of the plume is further limited by the transition from a predominantly horizontal flow regime to an upward or discharging flow regime in the Upper Glacial aquifer as the plume approaches the natural discharge point of Lawrence Creek.

1.2 Geology

The area within and surrounding OU-2 is characterized by little surface relief due to its location on the glacial outwash plain. Regionally, there is a slight slope to the south toward Great South Bay. Surficial soils in the area are typically classified as urban land and urbanized cut and fill.

The Bay Shore/Brightwaters former MGP Site is located near the southern shore of Long Island. Pleistocene outwash deposits underlie the surficial materials. These deposits consist of medium to coarse sands and gravels of moderate to high permeability and comprise the Upper Glacial Aquifer. The Pleistocene outwash deposits generally overlie a zone of low permeability material consisting of clay units within the Cretaceous Matawan Group (Magothy Formation), which includes the Magothy Aquifer. The upper portion of the Magothy Formation identified during the RI is composed of poorly to moderately permeable fine to medium sand interbedded with sand and clay lenses.

Based on soil samples collected during the completion of groundwater probes and the review of available boring logs from previous investigations, shallow stratigraphy within the Bay Shore Groundwater Plume area consists of up to four general units:

- ***Fill Material*** **-** Fill material encountered generally consists of brown to black sands and gravels with varying amounts of wood, glass, and brick.

- ***Recent Clays and Silts*** **-** Underlying the fill unit at some locations exists a thin zone (less than 1 foot thick) of recent-aged (post-glacial) clay-silt unit.

- ***Glacial Outwash Sands*** **-** A continuous sequence of glacial outwash sand and gravel exists below the recent clay and silt deposit.

- ***Magothy Formation*** **-** The glacial outwash deposits are directly underlain by a fine sand, silt, and clay formation varying from light gray to black in color and ranging from hard to slightly plastic in texture. The initial RI confirmed the low permeability nature of the Magothy formation with an average vertical permeability of only 0.05 feet per day. The upper portion of the Magothy formation acts as an effective confining unit limiting the vertical migration of any chemical constituents beyond the glacial outwash deposits.

Refer to the RI Report for more information on regional geology.

1.3 Hydrogeology

Based on depth to water measurements collected from 1999 to present, groundwater at the OU-2 area is present at depths ranging from approximately 1.2 to 16.69 feet below ground surface (bgs) under unconfined conditions where the water table is encountered in both the fill and sand units. Historical water levels in OU-2 monitoring wells are include on Table 1. The Upper Glacial Aquifer is moderately to highly permeable and is separate from the Magothy Aquifer. Groundwater in the Upper Glacial Aquifer discharges into southward draining streams (e.g., O-Co-nee Pond, Lawrence Lake, and Lawrence Creek) and into Great South Bay. These streams receive groundwater discharge along their entire length. As described in previous studies, groundwater flow is influenced by north-south trending local inter-stream groundwater divides. One of these divides occurs in the vicinity of the study area and separates groundwater flowing toward Watchogue Creek to the east from groundwater flowing toward Lawrence Creek to the west.

Groundwater flow in the OU-2 area is influenced by the southern flowing surface water systems located to the east and west with groundwater west of Fifth Avenue flowing toward the O-Co-Nee Pond and Lawrence Lake/Lawrence Creek drainage system in a more south-southwesterly direction. As described in the RI, there appears to be a localized anomaly in groundwater flow east of the southernmost half of Lawrence Lake. This anomaly may be due to the artificial impoundment at the southernmost end of Lawrence Lake, causing a localized mounding of groundwater. As a result of this mounding, flow is deflected south of Lawrence Lake toward Lawrence Creek. East of the southern portion of Lawrence Lake, groundwater continues to flow south until reaching the tidal area of Lawrence Creek, south of Manatuck Lane. At this point, groundwater flow becomes predominantly westerly in response to a relatively strong westerly hydraulic gradient as determined by water elevations observed at the northeastern end of Lawrence Creek.

2. Oxygen Injection System IRM Description

2.1 Technology Evaluation

Four technologies were identified as potentially viable for this application: Injection of Oxygen Release Compound (ORC), Oxygen Injection, In-Situ Vapor Stripping, and Ozone and Hydrogen Peroxide Injection. These four technologies were selected because each has been demonstrated as being effective in the remediation of BTEX and naphthalene in groundwater. These technologies were then evaluated in the Work Plan titled *Interim Remedial Measure Work Plan and Design*, Bay Shore Former MGP Site, dated December 2, 2004. Based on the technology evaluation, Oxygen Injection was chosen based on effectiveness, implementability, limited community impacts, and cost. The work plan and the selection of oxygen injection as the preferred remedy for this site was approved by the NYSDEC, New York State Department of Health (NYSDOH), and reviewed by Suffolk County Department of Health Services (SCDHS).

2.2 Oxygen Injection Technology Description

Oxygen injection involves the injection of a 90 to 95 percent pure oxygen gas into groundwater to increase the dissolved oxygen concentration and enhance aerobic biodegradation of BTEX and naphthalene. The oxygen gas is injected in pulsed intervals into the subsurface through a series of injection wells at low flow rates. The low flow rates and pulsed injection intervals are intended to allow for the maximum transfer of vapor-phase oxygen to dissolved-phase oxygen. Unlike air sparging, the goal of oxygen injection is to transfer the injected vapor to the aqueous phase. The goal of air sparging is to maintain the injected vapors in the vapor phase where they can strip the volatile organic compounds (VOC), such as BTEX, from the groundwater for collection in the vadose zone and subsequent treatment. Injecting oxygen at 90 to 95 percent purity can increase dissolved oxygen concentrations to a maximum of approximately 40 milligrams per liter (mg/L), whereas air injection yields a maximum dissolved oxygen concentrations of approximately 9 mg/L. The injected oxygen in the dissolved-phase is used by indigenous microorganisms to aerobically degrade the organic chemicals. The injection of oxygen will lead to the formation of an aerobically active treatment zone at the injection wells where groundwater passing through the zone is oxygenated and aerobic microbes in the groundwater use the increased dissolved oxygen to biodegrade the dissolved-phase constituents of concern (COC).

2.3 Interim Remedial Measure Goals

The NYSDEC's Draft DER-10 Technical Guidance for Site Investigation and Remediation – Section 4.1(b) puts forth the following remedial goals for all remedial actions taken pursuant to this guidance:

- Be protective of public health and the environment, given the intended use of the site.
- Where an identifiable source of contamination exists at a site, it should be removed or eliminated, to the extent feasible, regardless of presumed risk or intended use of the site.

In accordance with the DER-10 guidance, the goal of the IRM was to prevent, to the extent practicable, the discharge of dissolved phase contamination from OU-2 into Lawrence Creek in excess of the IRM performance objective detailed in Section 2.4.

2.4 IRM Performance Objective and Performance Based Goals

The performance objective of the oxygen injection system is to reduce the concentration of MGP-related contaminants in the dissolved-phase groundwater plume discharging into Lawrence Creek by 75 to 90 percent. The actual reduction of the concentration of MGP-related contaminants in the groundwater plume will be assessed during operation of the system. It is anticipated that system parameters may have to be adjusted during the IRM to optimize contaminant reductions.

While the target reduction of 75 to 90 percent is significant, it is not the final measure to address groundwater contamination associated with the Bay Shore/Brightwaters former MGP Site. A Remedial Action Plan (RAP) to address the MGP-related contamination at OU-1 (the source of the OU-2 plume) has been approved by the NYSDEC. Remedial measures such as direct excavation, in-situ chemical oxidation, groundwater treatment, and the installation of a subsurface barrier wall will be implemented as part of the OU-1 Remedial Action (RA) to mitigate contamination discharge from the former Bay Shore MGP Site to OU-2. The reduction in the flux of dissolved-phase MGP-related contaminants to OU-2 following the implementation of the OU-1 RA will over time reduce or eliminate the discharge to Lawrence Creek.

As indicated in the IRM Work Plan, KeySpan proposes to maintain the IRM until the following performance-based goals are met.

- A permanent remedy is implemented at the Bay Shore site (OU-1) leading to control of the source of the groundwater contamination, and a final RA can be implemented for OU-2; or

- A permanent remedy is implemented at the Bay Shore site (OU-1) leading to control of the source of the groundwater contamination and this IRM becomes the final RA implemented for OU-2; or

- Continued operation of the IRM produces diminishing returns as indicated by periodic groundwater monitoring up and downgradient of the IRM treatment system.

3. Oxygen Injection System Installation

This section provides a summary of the oxygen injection system installation. The system consists of two injection lines, mid plume and plume tail, and a system shed which houses the oxygen generation equipment and distributes pressurized oxygen to the injection lines. Oxygen is distributed to the subsurface via a series of injection wells along the mid-plume and plume tail lines. The mid-plume injection line runs from the corner of Montauk Highway (27A) and Garner Lane to the corner of Montauk Highway and North Clinton Avenue. The tail-plume injection line runs 180 feet southwest and 300 feet southeast of the corner of Manatuck and Garner Lanes. Figure 3 shows the mid-plume and tail-plume injection lines and injection wells.

3.1 Execution of the IRM

Execution of the IRM involved the installation of injection and monitoring wells, excavation and backfilling of a utility trench for installation of oxygen supply tubing, installation of the oxygen injection system equipment, and the collection of background and post-system start-up groundwater, ambient air, and soil vapor analytical samples.

Fenley and Nicol Environmental Inc. (F&N) of Deer Park, New York was retained by KeySpan to complete the site preparation, trenching, oxygen injection line installation, and injection well and monitoring well installation and restoration. The system installation activities began on September 7, 2005 and finished on November 23, 2005. System monitoring wells had previously been installed during the RI and in May and August of 2005.

All activities were conducted in accordance with the NYSDEC-approved IRM Work Plan dated December 2, 2004.

3.2 Mobilization and Site Access

F&N mobilized to the Site on September 7, 2005. OU-1 was used as a staging area for supplies, vehicles, and equipment. The recreation field was used to store equipment and bedding sand as needed.

Prior to mobilization, KeySpan obtained approval from the YMCA, Town of Islip, the O-Co-Nee Association, and the New York State Department of Transportation (NYSDOT) to access their properties. F&N completed work in the right-of-way along Montauk Highway under a NYSDOT Road Opening Permit Number 10-05-0079 and along Garner Lane under a Town Of Islip road opening permit 11246. Copies of the permits are provided in Appendix A.

Prior to the start of work, F&N completed a preconstruction video survey and inspection of all non-KeySpan-owned work areas to document existing conditions. The survey was conducted under the oversight of a GEI representative.

3.3 Site Preparation

Site Preparation for this IRM included establishing work zones, preparing the work area for trenching and well installation, setting up the required traffic signs and road barriers to complete the work safely, and system location mark outs.

Due to the nature of the work and the area over which well installation and trenching activities were spread, the work zone moved as work progressed in OU-2. At the start of site work, F&N set up appropriate traffic signs in accordance with the NYSDOT guidelines and road opening permit requirements to conduct work in a safe manor. Road work signs were set up 500, 1,000, and 1,500 feet away from the work zone in the direction of traffic. Sidewalk closed signs were also set up at the corner of Garner Lane and Montauk Highway and the corner of North Clinton Avenue and Montauk Highway. Flagmen were provided for the duration of work to direct pedestrian traffic and to signal to vehicular traffic. Traffic signs were set up daily and removed when work had finished for the day.

Temporary chain-link fence was used to establish the work zone on Montauk Highway. The fence was extended throughout the project to encompass the daily work zone. The fence was set up at the shoulder of Montauk Highway during work activities and pulled back to the curb line once work had completed for the day. Traffic cones with reflective tape were set up along the outside of the fence to increase visibility to vehicular traffic. The temporary fence created a visual barrier between work activities and vehicular traffic.

GEI marked out the locations of groundwater monitoring wells/oxygen system injection wells, the routes of the injection system supply tubing, the routes of the oxygen injection system utilities, the oxygen injection system location, and piping interconnection vault. Utilities were also marked out using the state of New York's One Call System.

Gross level decontamination was conducted within the work zone to remove loose dirt and debris. Additional support facilities for complete decontamination operations were constructed on OU-1.

3.4 Trenching

F&N excavated the trenches for the installation of oxygen injection tubing within the right-of-way along Manatuck and Garner Lanes, and in non-paved areas to the extent practicable on Montauk Highway. The trenches were installed using a Case 580, rubber tired Backhoe. The dimensions of the trench were approximately 2 feet wide by 30 inches deep.

Whenever possible, the trenching was excavated in non-paved areas to facilitate the excavation, backfill, and restoration activities. At the mid-plume location, a portion of the injection line was excavated in the non-paved area between the sidewalk and the recreation field shrub line along the southern right-of-way of Montauk Highway. The remainder of the injection line was installed in the sidewalk between the YMCA building and Montauk Highway. Portions of the sidewalk were removed prior to trenching in this area by F&N and directly loaded for off-site disposal as non-hazardous construction debris. The length of trench left opened in the mid-plume location at the end of the work day was kept at a minimum for safety reasons. The mid-plume trenching was advanced by approximately 75 to 150 feet per day and backfilled to the extent practical at the end of each work day. Trench locations that were left opened at the end of the work day were covered with 0.75-inch plywood and fenced off with temporary chain-link fence.

At the plume tail location, the injection line trench begins at the system shed location on the corner of Garner Lane and Montauk Highway and continues south on the eastern right-of-way on Garner Lane up to the intersection of Manatuck Lane. Trenching continued approximately 300 feet south on the west side of Garner Lane and approximately 180 feet west on the south side of Manatuck Lane. Four 6-inch diameter conduits were installed under driveways located at 7 and 11 Garner Lane and under a road crossover at the southern intersection of Garner and Manatuck Lanes. The conduits were installed in July 2004 to accommodate a paving project along Garner Lane in August 2004. The conduits were used to route supply tubing and aid in keeping one continuous line from the injection system to the injection wells, thereby minimizing the potential for leaks or pressure loss. Conduits were not installed under the driveway located at 18 Garner Lane. The trench was advanced through the apron of the driveway located within the right-of-way of Garner lane. The trench was backfilled and compacted to grade with 0.75-inch crushed stone before the end of the work day. The apron was repaved and sealed after the trench was completed.

The tail-plume trenching was advanced differently from the mid-plume location due to the PVC sleeves and extremely long lengths of the tubing (approximately 1,600 feet per line). The entire trench from the system shed to the intersection of Garner and Manatuck Lanes was excavated and the injection lines run before backfilling took place. Excavated soils were bermed at the sidewalls of the trench to create a physical barrier between the opened trench and Garner Lane. The opened trench was surrounded by orange safety fencing at the end of each work day.

3.4.1 Install Supply Lines, Test and Backfill Trench Areas

The bottom 6 inches of the trench was filled with bedding sand and compacted with a vibrating plate compactor. Continuous sections of 0.75-inch inside diameter (ID) 100-pound per square inch (psi) High Density Polyethylene (HDPE) tubing were installed from the oxygen injection system to each well head. The HDPE injection tubing was covered by a 6-inch lift of bedding sand followed by 6 inches of native material. The combined 12-inch lift was then compacted

with a vibrating plate compactor. The remainder of the trench was backfilled with native material in 12-inch lifts and compacted to grade.

Three additional sections of HDPE injection tubing were buried at the southern end of the plume-tail injection line adjacent to injection well Point 27. The tubing was not connected to the oxygen injection system manifold or any injection points. The additional sections of HDPE injection tubing was installed to provide flexibility to expand the system at a later date if the data gathered during the monitoring process warrants it.

Following backfill and compaction of the injection tubing trenches, each section of tubing was pressure tested for integrity. Testing was accomplished utilizing an air compressor at the system manifold and pressure gauge at the injection well head. Each individual section was tested at a pressure of 5 psi for 15 minutes.

3.5 Injection Well Installation

Fifty-seven poly-vinyl chloride (PVC) micro wells were installed along two transects of the plume: mid-plume at Montauk Highway (30 micro wells), and at the tail of the plume along the intersection of Garner and Manatuck Lanes (27 micro wells). These micro wells were installed as oxygen injection wells to depths between 25 and 68 feet below grade. The oxygen injection wells were installed through the bottom of the trenches and the well heads were completed at a depth of about 2.5 feet below grade using a GeoProbe® 6600DT Track Mounted Rig. The injection well depths and screening intervals for the mid plume and plume tail injection lines are presented in Tables 2 and 3, respectively. The location of each injection well is presented on Figure 3. Each oxygen injection well was constructed in accordance with the following guidance:

- Injection wells were constructed of Schedule 40 PVC risers.
- Injection well screens were constructed of a 1-foot long 1-inch diameter PVC sump fitted to a 1-inch diameter 1-foot long 0.010 slot PVC screen, fitted to 1-inch diameter PVC riser.
- The 1-inch PVC riser was attached to a 1-inch to 0.75-inch threaded tee at approximately 2 feet below grade surface.
- The 0.75-inch threaded tee was attached to a 0.75-inch threaded barb.
- The 1-inch tee was fitted with a 1-inch diameter riser to grade.
- The annular space was filled with #00 Silica Sand to at least 1 foot above the screen interval, a minimum 2-foot thick bentonite seal, Portland cement/bentonite grout to 3 feet blow grade, and native material to grade.
- The wellheads were completed with 1-foot diameter flush mount well housings with respective road boxes.

3.5.1 Injection Wellhead Connection

Each of the 0.75-inch threaded barbs at the injection wellheads were connected to the 0.75-inch ID 100 psi HDPE injection tubing. The tubing was secured to each barb with two stainless steel hose clamps. A tee fitting was installed at each wellhead with a ball valve and sampling port installed at the horizontal portion of the fitting. The vertical opening of the tee fitting was connected to a PVC pipe extension extending upwards and terminating in a screw on quick connector suitable for mounting instruments. Wellheads were completed within flush mount valve boxes and well housings to allow for monitoring and adjustment of connections.

Copper threaded barbs were originally used to connect the wellhead to the HDPE tubing. The copper barbs did not maintain pressure when testing the system with compressed air prior to system startup. Slow leaks developed between the barb and HDPE tubing. These slow leaks developed due to contraction and expansion of the copper barbs due to fluctuations in temperature. The copper barbs were replaced with PVC barbs. The system was then pressure tested again and the PVC barbs maintained pressure.

3.6 Monitoring Well Installation

Additional groundwater monitoring wells were installed at eight total locations upgradient and downgradient of the oxygen injection lines as shown on Figure 3. One well cluster (OU2-MW08) was installed upgradient of the mid-plume injection line near the centerline of the dissolved-phase groundwater plume. Four monitoring well clusters (OU2-MW01 through OU2-MW04) were installed downgradient of the mid plume system injection wells. The well clusters include shallow (20 to 25 feet), intermediate (35 to 40 feet and 50 to 55 feet), and deep (65 to 70 feet) wells for monitoring the mid-plume oxygen injection system performance.

Three new monitoring wells were installed to monitor the plume tail injection line. Monitoring well OU2-MW05 was installed upgradient of the plume tail injection line along the plume centerline just north of the intersection of Garner and Manatuck Lanes. OU2-MW06 and OU2-MW07 were installed downgradient of the injection wells between the treatment line and Lawrence Creek to monitor performance of the oxygen injection system at the discharge point. The monitoring wells were drilled with 4.25-inch hollow-stem augers using a hollow stem auger drill rig. The monitoring wells were constructed of 2-inch ID, flush-threaded slot 0.010 PVC screen and solid casing with a 2-foot sump. The annular space between the well screen and borehole wall was backfilled with chemically inert, #0 sand to promote sufficient groundwater flow to the well and to minimize the passage of any fine-grained formational material into the well. A bentonite clay seal was placed above the sand pack. The remaining annular space was tremie grouted to grade with cement/bentonite grout. Each monitoring well was fitted with a recessed curb box secured with cement and a flush mount plastic sprinkler box to grade.

Well construction details are presented in Table 4, and the well construction logs are included in Appendix B.

3.6.1 Monitoring and Injection Well Development

Each monitoring and injection well was developed after completion. Development was performed by alternately surging and pumping using a centrifugal pump until the turbidity of the development water was less than 50 nephelometric turbidity units (NTU). A field turbidity meter was used to monitor NTU levels.

3.7 Oxygen Injection System Installation

Matrix Environmental Technologies, Inc. (Matrix) of Orchard Park, New York was retained by KeySpan to construct and install an oxygen injection system in OU-2. The system was installed in a 10-foot by 12-foot prefabricated shed constructed on a leveling pad which consisted of approximately 6 inches of 0.75-inch crushed stone. A separate electrical service was installed to provide electrical power to the system. The system includes the following components:

- Oxygen Production Capacity of 160 standard cubic feet per hour (SCFH)
- Oxygen Delivery Manifold with 60 points (6 banks of 10)
- Power Supply = Three phase 230-volts
- Lighting, wall-mounted heater, ceiling-mounted ventilator and 120-volt duplex receptacle
- AirSep Model AS-160 oxygen generator with two 120-gallon surge tank and regulator. Single phase/60 Hz/110 volts.
- Kaeser SM-8 rotary screw air compressor with air dryer, pressure tank with auto drain, and low sound enclosure. Rated for 32 ACFM @ 100 PSIG. 7.5 HP TEFC motor, three phase/60 Hz/230 volts. The compressor should include a programmable logic controller.
- Manifold for 60 injection points to include individual pressure gauge (0 to 30 psi) and Dwyer variable area flow meter (10 to 100 SCFH).
- Six adjustable timers and solenoid valves (per set of 10 points) to control oxygen flow for pulse injection.
- 125-amp electrical panel (NEMA 1 load center) with breakers located inside the trailer and 100-amp (NEMA 3R rainproof) safety switch on outside of trailer. All wiring is copper in Liquid-Tight flexible conduit (steel jacket) or UL listed SCH40 PVC rigid electrical conduit.
- Fully integrated remediation system with all plumbing, electrical, and mechanical components installed.
- Pressure tanks ASME National Board Certified for compressed gas storage (200 psi rating).
- U.L. certification

- Operations manual with plumbing and instrumentation diagrams.

Matrix began the system installation on October 10, 2005 and complete installation on October 13, 2005. All system components were inspected upon arrival to verify condition after transportation to the site and tested after installation to ensure proper installation. Pre-start-up system component testing was completed on November 29, 2005. The initial system start-up occurred directly following the completion of system component testing on November 29, 2005.

3.8 Material Handling

3.8.1 Waste Storage Area

IRM derived wastes included soil cuttings, excess trenched soils, groundwater, and decontamination waters. Soil cuttings from monitoring well installation were collected in 55-gallon United States Department of Transportation/United Nations (USDOT/UN)-approved drums and transported to OU-1 for storage, waste characterization, and off-site transport to a licensed Treatment Storage and Disposal Facility (TSDF) for thermal desorption. Wastewater generated during drilling and developing activities were collected in 55-gallon USDOT/UN-approved drums, transported to OU-1, and subsequently disposed of at a licensed waste water disposal facility.

Soils that were excavated during trenching activities were used to backfill the trench. Excess soils from trenching activities were loaded into dump trucks and brought directly to OU-1 for storage. No MGP-related impacted soil was encountered during the system installation.

3.9 Perimeter and Work Zone Air Monitoring

In accordance with NYSDEC and NYSDOH requirements, a Community Air Monitoring Plan (CAMP) was implemented in OU-2 during each phase of the intrusive field activities. The objective of the CAMP was to provide a measure of protection for the downwind community (i.e., off-site receptors, including residences, businesses, and on-site workers not involved with site IRM activities) from potential airborne contaminant releases as a direct result of intrusive IRM activities. Air monitoring stations were placed upwind and downwind of each intrusive work area (i.e., boring locations for well installations, trenching locations). VOCs and respirable particulates (PM-10) were monitored at the upwind and downwind stations on a continuous basis. In addition to the fixed stations, VOCs and particulates were monitored in the work zone using hand-held equipment. There were no exceedances of the CAMP observed during system installation activities.

Soil impacted by the former MGP operations was not encountered during the system installation; therefore, odor control measures were not required during the implementation of the IRM.

3.9.1 Groundwater Monitoring

In September 2005 following completion and development of the monitoring wells, groundwater samples were collected from each newly installed well and each existing well currently included in the OU-2 monitoring program. Analytical samples were collected and analyzed for at a minimum BTEX; PAH; and methyl tert-butyl ether (MTBE). Samples were collected using Low Flow sampling techniques. Sampling details are presented in the Final Operations, Maintenance, and Monitoring Plan.

The results of this sampling round, together with previously collected data, were used as a baseline to evaluate system performance. Table 5 includes the baseline and historical analytical results for the OU-2 oxygen injection system monitoring wells.

Based on the limited number of samples collected from some of the monitoring wells, trends in groundwater concentrations are difficult to interpret because of the lack of seasonal data from previous years. Where historical data are present at monitoring wells BBMW-25I and GMP-02, there are significant reductions of BTEX and PAH concentrations from the March 2005 to March 2006 sampling events and the June/August 2005 to June 2006 sampling events. Historical groundwater analytical data is provided in Table 6.

In addition to the baseline laboratory analytical data, physical groundwater parameters including Dissolved Oxygen, pH, Oxygen Reduction Potential, Conductivity, and Temperature were collected. These parameters were monitored prior to system start-up and quarterly during groundwater monitoring events as well as monthly for select monitoring wells. Each of these groundwater parameters are direct or indirect indicators of increased microbial activity in the aquifer and aid in evaluating system performance as follows:

- Dissolved Oxygen (DO) concentrations are measured to identify increases in dissolved oxygen content in groundwater as a result of injection. The distances from the injection lines to monitoring wells should show a relationship in DO distribution. As the groundwater moves downgradient from the injection lines, the DO is consumed by aerobic bacteria in the aquifer. As the populations of aerobic microbes increase, the contaminant levels decrease as they are biologically degraded.

- pH levels are measured to confirm that groundwater pH remains within a range (5 to 9 standard units) that is optimal for biodegradation. In addition, slight decreases in pH are expected as the biologic degradation occurs in the aquifer. The carbon monoxide produced as a byproduct of the biological degradation may cause slight decreases in the aquifer pH.

- Temperature is measured to evaluate possible seasonal impacts on microbe growth.

- Conductivity is measured as a possible secondary indicator of biological growth. Dissolved inorganic compound concentrations such as dissolved iron often increase in groundwater during biodegradation, leading to an increase in conductivity.

- Oxidation Reduction Potential (ORP or eH) is measured as another possible indirect indicator of biological growth. In locations where ORP is negative, a significant degree of bacterial degradation is indicated.

Where available, historical and baseline data for these parameters are included on Table 5 and presented graphically in Figures C1 through C5 in Appendix C.

3.9.2 Soil Vapor Monitoring

Following acceptance of the IRM Work Plan, the NYSDEC and SCDHS requested soil vapor sampling upgradient and downgradient of the oxygen injection lines to address concerns that the operation of an oxygen injection system may lead to increased soil vapor concentrations similar to the operation of an air sparge system. To address these concerns, KeySpan submitted the *Soil Gas Sampling Work Plan for the OU-2 Treatment Area* on May 19, 2005. Soil vapor sampling was proposed to collect two baseline soil vapor datasets pre-system installation in the vicinity of the oxygen injection lines to be used as a basis of comparison for future sampling after the system was installed. Table 7 presents soil vapor analytical data.

As discussed earlier in Section 2.2, there are significant differences between oxygen injection and air sparging technologies. The intent of oxygen injection is to transfer oxygen from the vapor phase to the dissolved phase at low flow rates. Conversely, the intent of air sparging is to utilize a high capacity of air injected into the aquifer to strip VOCs from the groundwater and transfer the VOC laden gas to the vadose. Because of the low flow rates used in oxygen injection, operation of the system will not affect soil vapor contaminant concentrations.

Background soil vapor sampling events were conducted in May and August 2005 prior to start-up of the oxygen injection system. Two soil vapor sampling events were conducted in February and June 2006 following start-up of the oxygen injection system. During this time period, the Long Island area experienced three significant metrological events that effected groundwater levels in the area and may have resulted in variations of soil vapor concentrations:

- A four-month drought in the summer of 2005
- A 100-year storm event in October 2005, and
- Above normal rainfall during the spring and summer 2006.

The elevation of the groundwater table directly alters the thickness of soils in the vadose zone. As groundwater elevations decrease, potentially impacted soils that are typically below the water table are exposed and can result in increases in soil vapor concentrations. Conversely, as

groundwater elevations rise, potentially impacted soils that are typically exposed in the vadose zone are now below the water table and can result in decreases in soil vapor concentrations. These changes in the vadose zone thickness, as well as seasonal variations in temperature and barometric pressures, make direct comparison between month to month or quarter to quarter data difficult to interpret. These variations must be accounted for in order to identify trends from sample to sample. Typically, a direct comparison can be made for samples collected under similar conditions, such as samples collected on an annual basis. However, significant meteorological events can alter the conditions such that direct comparisons are inconclusive. Therefore, it is important to understand these events so that their potential effects on soil vapor concentrations can be assessed.

During the summer of 2005, the Long Island region was experiencing a drought condition and groundwater elevations in monitoring wells within OU-2 were in many cases at or close to 20-year lows during the August 2005 gauging event. The National Weather Service in Upton, New York on Long Island issued a Hydrologic Update on September 28, 2005 documenting the drought conditions for Suffolk County in the summer of 2005. During that period, the average rainfall for Suffolk County was almost 8 inches below the average and it was the driest summer recorded at Islip Airport with only 3.76 inches of precipitation. The topsoil moisture (upper 6 inches) recorded for the tri-state area was the driest in five years.

In October 2005, the region experienced the largest rainfall in 100 years and the second largest rainfall on record (1903). During the period, two major storm systems combined to generate over 15 inches of rainfall in Long Island. This resulted in localized flooding in the region and higher than normal groundwater levels measured during the November 2005 sampling event. In comparing November 2005 groundwater levels to historic levels during November gauging events, the average 2005 levels were 0.73 feet higher than the previous November average.

Between April and July 2006, the Long Island Region has received greater than average rainfalls when compared to the last 10 years. Over this period, the rainfall totals for 2006 is 22.49 inches through July 23, 2006 making it the second highest over the 10-year period, second to 22.6 inches over the same period in 2003. The average over the 10-year period was 13.11-inches. The annual data for the four-month period is presented on Table 8. Groundwater measurements have not been collected for the third quarter 2006 as of this report; however, a comparison of groundwater levels from previous July/August measurements show that the average 2003 groundwater levels were 0.48 feet higher than the other years. Given the similar variations in total rainfall over the period between the 2003 and 2006 data, it is reasonable to assume that similar high groundwater levels will be observed in the third quarter of 2006.

Based on these events and assuming a steady state plume, the potential impacts of each event on soil vapor concentrations can be assessed. Samples collected during the 2005 drought would likely have higher than normal soil vapor concentrations based on the low elevations of the water

table during this period. It would also be expected that samples collected during or after the October 2005 100-year storm would have lower levels based on the rise in the groundwater table elevations. Finally, the samples collected during the high rainfall in the summer of 2006 would likely be lower than the previous summer because of the difference in the groundwater table elevations from the weather leading up to or during each sampling event (2005 drought and 2006 heavy rainfall). With these potential effects in mind, the soil vapor data were analyzed and a graphical representation of the soil vapor concentrations are presented in Figures D1 thought D10 in Appendix D.

Ten soil vapor sample locations were selected in four general locations relative to the oxygen injection system:

- One (1) sample location upgradient and outside of the influence of the system.
- Six (6) samples locations downgradient of the first injection line at Montauk Highway.
- One (1) sample location upgradient and outside of the influence of the second oxygen injection line at Manatuck Lane.
- Two (2) samples locations downgradient of the second oxygen injection line.

One sample, OU2-SG06, was collected upgradient of the system to assess conditions outside of the system influence. As expected, there is an increase in soil vapor concentrations between the May 2005 and August 2005 sampling events that corresponds to timeframe of the regional drought. The system was started in December 2005 following the 100-year storm and the first post-startup soil vapor samples were collected in February 2006. As expected, the concentrations of all VOCs, with the exception of one compound, 2,2,4-trimethylpentane (a.k.a., iso-octane or TMP). The concentration of TMP increased between the two events. The next sample was collected in June 2006 and as expected, the concentrations of most VOCs decreased or remained the same. Of those VOCs where increases were observed, all but one VOC concentration were either within the same order of magnitude of previous sampling events or lower than the concentrations in the sample collected during the May 2005 event. As before, the concentration of TMP increased between the two events.

Six soil vapor samples were collected downgradient of the first oxygen injection line. Four samples, OU2-SG01, OU2-SG02, OU2-SG05, and OU2-SG10, are located within 50 feet downgradient of the oxygen injection line on the recreation field and along Montauk Highway, Two samples are located across the recreation field approximately 350 feet downgradient of the injection line. As expected and seen at the upgradient sample location, there is a general increase in soil vapor concentrations between the May 2005 and August 2005 sampling events that corresponds to timeframe of the regional drought. The system was started in December 2005 following the 100-year storm and the first post-installation soil vapor samples were collected in February 2006. Again as expected, the concentrations of all VOCs decreased or remained at similar concentrations with the exception of TMP which increased at all six locations between

the two events. The June 2006, concentrations of most VOCs decreased or remained similar. Of those VOCs where increases were observed, all but two VOC concentrations were either within the same order of magnitude of previous sampling events or lower than the concentrations in the sample collected during the May 2005 event. As before, the concentration of TMP increased between the two events at all six locations. At sample location OU2-SG03, the concentration of 2-propenol also increased from 36.9 in May 2005 to 172.2 in June 2005.

One sample, OU2-SG07, was collected in the right-of-way on Garner Lane upgradient and outside of the influence of the second oxygen injection line. Again, the soil vapor concentrations of most VOCs increased between the May 2005 and August 2005 sampling events corresponding to the timeframe of the regional drought. The system was started in December 2005, following the 100-year storm, and the first post-startup soil vapor samples were collected in February 2006. As expected, the concentrations of all COCs decreased or remained similar with the exception of TMP. The next sample was collected in June 2006 and as expected, the concentrations of most COCs decreased or remained similar. Increases were observed in acetone and methylene chloride. The acetone was the same order of magnitude of previous sampling events. Methylene chloride had not been previously detected at this location. As with the other locations, the concentration of TMP increased between the two events.

Two soil vapor samples were collected on the property downgradient of the second oxygen injection line. The samples, OU2-SG08 and OU2-SG09, are located within 100 feet downgradient of the oxygen injection line. As expected and seen at the other sample locations, there is a general increase in soil vapor concentrations between the May 2005 and August 2005 sampling events corresponding to the timeframe of the regional drought. The system was started in December 2005, following the 100-year storm, and the first post-installation soil vapor samples were collected in February 2006. Again as expected, the concentrations of all COCs decreased or remained at similar concentrations with the exception of TMP which increased at both locations between the two events. The June 2006 concentrations of most COCs decreased or remained similar. Of those COCs where increases were observed, all but one COC concentration was either within the same order of magnitude of previous sampling events or lower than the concentrations in the sample collected during the May and August 2005 events. As before, the concentration of TMP increased between the two events at both locations.

As expected, there is no influence of the oxygen injection system on the soil vapor in OU-2. The only compound that has increased significantly in soil vapor over the sampling period is TMP. This compound began to appear at all sampling locations within the IRM area prior to system start-up during the August 2005 sampling event and has increased one order of magnitude with each subsequent sampling event. This has occurred both upgradient and downgradient of the injection lines. All other compounds have behaved as expected with seasonal variations in groundwater conditions in OU-2. The source of the TMP in soil vapor has not been identified;

however, it is not a typical MGP-related compound. TMP is a constituent of gasoline, solvents, and other household products.

4. Oxygen Injection System Startup

4.1 System Startup

The initial system startup took place on November 29, 2005. A representative from Matrix was onsite for the initial startup. The system was allowed to run for the first week with daily checks being made for system optimization. During this period, it was noted that the compressor was operating continuously, but the oxygen storage tanks were not being fully charged in between injection cycle intervals. GEI personnel evaluated the performance and determined that the volume of oxygen required to charge the injection lines for the Manatuck Lane injection line was exceeding the systems capacity to generate oxygen between cycles. Once a Manatuck Lane injection bank cycled, there was not enough time between cycles to recharge the oxygen tanks. To correct this, check valves were installed at each oxygen delivery line within the shed for each injection well. The check valves were installed to hold the pressure within each oxygen injection well delivery line, thus reducing the volume of oxygen required to charge the lines during each injection cycle. The system was shut down from December 6, 2005 through December 27, 2005 and F&N installed 57 check valves (one for each line). The system was restarted on December 28, 2005. Initial start-up procedures were begun with daily system checks for five days following the system restart and monthly system checks following the initial startup phase.

4.2 IRM Operation, Maintenance, and Monitoring (OM&M)

Following the completion of the initial system startup, the IRM moved from the construction phase to the OM&M phase. This phase includes performing system inspections, routine maintenance on the system equipment, and groundwater monitoring to evaluate the performance of the technology. Details of this phase are provided in the Final IRM OM&M Plan (Appendix E). The Quarterly OM&M Report for the Bay Shore/Brightwaters Former MGP site will include a discussion of the system performance over each quarter as well as identify trends in system performance, summarize maintenance visits, and identify trends in monitoring data. System performance data including efficiency, oxygen injected, and days operational will be tallied quarterly and a running tally will be completed from system start-up. OM&M of the system will continue as long as the system is in operation.

4.3 Site Restoration

Site restoration was conducted by F&N in the areas of the Montauk Highway, Garner Lane, Manatuck Lane, and the recreation fields located on the corner of Garner Lane and Montauk Highway.

Montauk Highway

- Trenched areas were backfilled and compacted with a vibrating plate compactor in approximate 12-inch lifts to grade.
- The sidewalk that had been removed along Montauk Highway and the YMCA building was replaced to match pre IRM conditions.
- The curb along Montauk Highway was replaced to NYSDOT specifications.
- Shrubs were planted to replace damaged plant life.
- Top soil and seed was placed along all grass areas that had been damaged during construction activities.
- The asphalt damaged during sidewalk removal was replaced and sealed.

Garner Lane

- Trenched areas were backfilled and compacted with a vibrating plate compactor in approximate 12-inch lifts to grade.
- Top soil and seed was placed along all grass areas that had been damaged during construction activities.

Manatuck Lane

- Trenched areas were backfilled and compacted with a vibrating plate compactor in approximate 12-inch lifts to grade.
- Top soil and seed was placed along all grass areas that had been damaged during construction activities.

Recreation Fields

- Privacy fence was installed around the system equipment shed.
- Top soil and seed was placed along all grass areas that had been damaged during construction activities.
- Sprinkler boxes were installed around the monitoring wells.

5. IRM Summary

KeySpan has completed the installation and startup phase of the IRM for OU-2 and has begun the operations, maintenance, and monitoring phase. In summary, the following were completed or observed during this implementation of the IRM.

- All work was completed in accordance with the NYSDEC-approved IRM Work Plan.
- The oxygen injection system has operated as expected during the initial start-up period.
- Modifications to the injection lines were made to improve performance.
- DO levels are increasing in monitoring wells downgradient of the injection well lines and initial indications in select wells are that BTEX and PAH concentrations are decreasing within the treatment zone.
- The system will continue to be monitored monthly to ensure proper operation.
- The results of the system operations, maintenance, and monitoring will be summarized in the Bay Shore/Brightwaters Former MGP Site Quarterly OM&M Reports.

Tables

Table 1
Historic Water Table Elevations in Feet
Bay Shore/ Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well ID	Date Measured: / Screened Interval (ft bgs)	November 1978	December 1978	September 1992	October 1992	November 1999	March 2002	April 2002	June 2002	August 2002	November 2002	March 2003	July 2003	September 2003	January 2004	April 2004	July-Aug 2004	October 2004	February 2005	May 2005	August 2005	November 2005	February 2006	May 2006
BBMW-01D	68.5 - 78.5	NM	NM	NM	NM	13.3	NM	13.17	13.44	NM	13.72	15.37	14.09	13.34	13.65	15.11	13.08	13.48	14.13	14.04	12.89	14.47	14.33	13.93
BBMW-01I	32 - 42	NM	NM	NM	NM	13.21	NM	13.55	13.39	NM	13.61	14.24	13.99	13.27	13.57	15.01	13	13.41	14.06	13.93	12.81	14.41	14.26	13.86
BBMW-01S	5 - 15	NM	NM	NM	NM	13.32	NM	13.64	13.48	NM	13.69	14.33	14.08	13.37	13.66	15.1	13.09	13.5	14.15	14.02	12.9	14.4	14.35	13.94
BBMW-02D	73 - 83	NM	NM	NM	NM	12.58	12.42	NM	12.48	NM	12.99	NM	13.23	12.56	NM	14.26	12.3	12.66	NM	13.19	12.11	13.59	13.49	13.13
BBMW-02I	30 - 40	NM	NM	NM	NM	12.56	12.4	NM	12.46	NM	12.97	13.47	13.21	12.55	NM	14.22	12.29	12.64	NM	13.17	12.1	13.57	13.46	13.09
BBMW-02S	5 - 15	NM	NM	NM	NM	12.57	12.41	NM	12.46	NM	12.97	13.47	13.2	12.54	NM	14.22	12.28	12.64	NM	13.18	12.11	13.57	13.48	13.12
BBMW-03D	52 - 62	NM	NM	NM	NM	8.67	8.57	NM	8.63	NM	9.13	9.32	9.31	8.5	8.82	10.04	8.49	8.8	9.31	9.17	8.4	9.49	9.36	9.08
BBMW-03I	30 - 40	NM	NM	NM	NM	8.68	8.6	NM	8.61	NM	9.11	9.32	9.32	8.56	8.81	10.05	8.49	8.8	9.32	9.17	8.83	9.9	9.37	9.08
BBMW-03S	3 - 13	NM	NM	NM	NM	8.67	8.57	NM	8.6	NM	9.11	9.29	9.31	8.52	8.8	10.07	8.48	8.78	9.31	9.15	8.42	9.49	9.35	9.06
BBMW-04D	63 - 73	NM	NM	NM	NM	14.72	14.45	NM	15.15	13.2	15.27	15.74	15.57	14.71	15.13	16.65	14.55	15.01	15.68	15.56	14.35	16.13	15.84	15.48
BBMW-07D	55 - 65	NM	NM	NM	NM	6.23	6.08	NM	6.53	NM	6.86	6.99	6.85	6.41	NM	7.76	6.21	6.67	6.92	6.76	6.05	7.23	NM	6.71
BBMW-07I	30 - 40	NM	NM	NM	NM	6.25	6.1	NM	6.57	NM	6.89	7.03	6.88	6.41	NM	7.8	6.23	6.69	6.95	6.8	6.1	7.26	NM	6.73
BBMW-07S	5 - 15	NM	NM	NM	NM	6.24	6.11	NM	6.53	NM	6.85	7	6.87	6.4	NM	7.78	6.22	6.66	6.93	6.75	6.07	7.24	NM	6.7
BBMW-15D	70 - 80	NM	NM	NM	NM	11.32	11.17	NM	11.22	NM	11.65	12.03	11.83	11.26	11.56	12.92	10.98	11.31	11.96	11.79	10.82	12.2	12.08	11.78
BBMW-15I	23 - 28	NM	NM	NM	NM	11.36	11.32	NM	11.37	NM	11.79	12.21	11.99	11.39	11.75	13.01	11.14	11.46	12.11	11.97	10.96	12.33	12.21	11.91
BBMW-15I2	35 - 45	NM	NM	NM	NM	11.34	11.09	NM	11.13	NM	11.57	12.04	11.83	11.3	11.59	12.86	11.01	11.36	12	11.8	10.86	12.25	12.13	11.82
BBMW-15S	5 - 15	NM	NM	NM	NM	11.38	11.23	NM	11.27	NM	11.74	12.1	11.88	11.32	11.63	12.89	11.03	11.35	12.01	11.86	10.88	12.26	12.15	11.83
BBMW-16D	68 - 78	NM	NM	NM	NM	10.31	NM	NM	NM	NM	10.77	11.21	11.01	10.47	10.62	11.75	10.2	10.64	11.07	10.95	9.92	11.35	11.21	10.9
BBMW-16I	35 - 45	NM	NM	NM	NM	10.28	NM	NM	NM	NM	10.7	11.13	10.95	10.41	10.55	11.67	10.17	10.61	11	10.93	9.9	11.32	11.18	10.87
BBMW-16S	5 - 15	NM	NM	NM	NM	10.26	NM	NM	NM	NM	13.68	NM	10.93	10.39	10.53	11.65	10.14	10.59	11.01	10.91	9.9	11.31	11.16	10.86
BBMW-23D	49.5 - 59.5	NM	NM	NM	NM	NM	NM	NM	13.64	NM	14.26	14.88	14.62	13.9	14.2	15.65	13.63	14.04	NM	14.57	13.42	15.05	14.89	14.49
BBMW-23D2	63 - 73	NM	NM	NM	NM	NM	NM	NM	13.87	NM	14.26	14.88	14.53	13.89	14.17	15.64	13.59	14.03	NM	14.54	13.39	15	14.85	14.45
BBMW-23I	33 - 43	NM	NM	NM	NM	NM	NM	NM	13.71	NM	14.24	14.87	14.59	13.88	14.17	15.64	13.59	14.02	NM	14.55	13.4	15.01	14.88	14.47
BBMW-23S	5 - 15	NM	NM	NM	NM	NM	NM	NM	13.66	NM	14.24	14.86	14.59	13.88	14.17	15.63	13.59	14.01	NM	14.54	13.4	15.08	14.86	14.45
BBMW-24D	59.5 - 69.5	NM	NM	NM	NM	NM	NM	11.42	11.37	NM	11.83	12.37	12.16	11.5	11.76	13.17	11.25	11.62	12.2	12.1	11.04	12.53	12.39	12.04
BBMW-24I	32 - 42	NM	NM	NM	NM	NM	NM	11.47	11.34	NM	11.82	12.35	12.14	11.47	11.73	13.14	11.21	11.59	12.19	12.08	11.01	12.5	12.36	11.98
BBMW-24S	4 - 14	NM	NM	NM	NM	NM	NM	11.89	11.37	NM	11.84	12.37	12.18	11.5	11.75	13.16	11.24	11.62	12.21	12.1	11.05	12.54	12.4	12.03
BBMW-25D	62 - 72	NM	NM	NM	NM	NM	NM	8.71	8.86	NM	9.36	9.73	9.49	8.79	9.07	10.43	8.69	9.06	9.59	9.48	NM	10.5	NM	10
BBMW-25I	25 - 35	NM	NM	NM	NM	NM	NM	8.71	8.79	NM	9.3	9.68	9.47	8.78	9.06	10.42	8.68	9.07	9.59	9.45	9.09	10.42	10.27	9.92
BBMW-25S	4 - 14	NM	NM	NM	NM	NM	NM	8.73	8.78	NM	9.3	9.67	9.48	8.77	9.05	10.43	8.68	9.07	9.58	9.46	9.09	10.44	10.29	9.94
GM-03D	53.18 - 68.18	9.79	10.01	10.19	10.1	10.21	NM	10.27	10.39	NM	10.57	10.87	10.88	10.26	10.47	11.71	10.01	10.4	NM	10.89	9.8	11.28	11.13	10.77
GM-03I	30.03 - 45.03	9.66	9.91	10.19	9.98	10.21	NM	10.14	10.38	NM	10.54	10.87	10.86	10.25	10.45	11.7	10	10.39	NM	10.83	9.79	11.27	11.12	10.76
GM-03S	6.78 - 21.78	9.57	9.79	10.19	9.97	10.18	NM	10.23	10.37	NM	10.52	10.84	10.86	10.23	10.43	11.67	9.98	10.37	NM	10.8	9.78	11.26	11.1	10.74
GM-05D	60.95 - 75.95	8.81	8.83	10.48	10.52	9.35	NM	NM	8.51	NM	8.9	8.99	8.98	8.31	8.66	NM	10.45	9.06	9.2	8.98	8.04	9.35	9.29	9.71
GM-05I	35.05 - 48.05	3.93	3.5	4.05	3.91	3.81	3.84	NM	4.59	NM	4.72	4.21	4.58	3.94	3.86	5.12	4.03	4.71	4.64	4.25	3.98	4.71	4.37	4.35
GM-05S	5.1 - 20.1	3.15	3.34	3.87	3.7	3.71	3.74	NM	4.43	NM	4.57	4.02	4.43	3.84	3.71	4.96	3.9	4.58	4.53	4.13	3.87	4.56	4.23	4.22
GM-06D	60.05 - 75.05	3.59	3.9	4.39	4.15	4.26	4.11	NM	4.68	NM	4.98	4.92	4.91	4.54	4.1	5.77	4.34	4.89	4.93	4.73	4.26	5.3	4.89	4.71
GM-06I	35.4 - 50.4	3.46	3.76	4.37	4.13	4.24	4.09	NM	4.73	NM	5.02	4.89	4.93	4.7	4.63	5.75	4.32	4.86	4.9	4.73	4.24	5.26	4.86	4.68
GM-06S	8.97 - 23.97	3.43	3.79	4.4	4.16	4.28	4.09	NM	4.66	NM	4.97	4.92	4.9	4.53	4.1	5.78	4.34	4.89	4.93	4.72	4.26	5.3	4.89	4.7
GM-07D	50.3 - 65.3	2.69	2.69	3.51	3.34	3.31	3.17	NM	3.71	NM	3.84	3.75	4.93	3.75	3.21	4.53	3.5	4.19	3.98	3.8	3.51	4.61	3.79	3.82
GM-07I	29.6 - 44.6	2.46	2.48	3.49	3.32	3.3	3.16	NM	3.68	NM	4.01	3.68	3.91	3.73	3.22	4.51	3.48	4.16	3.95	3.79	3.5	4.19	3.78	3.8
GM-07S	9.75 - 24.75	2.45	2.51	3.46	3.28	3.26	3.12	NM	3.6	NM	3.75	3.64	3.84	3.67	3.12	4.45	3.45	4.12	3.91	3.69	3.47	4.15	3.74	3.75
GM-08D	48.25 - 63.25	1.12	1.26	1.8	1.67	1.55	1.62	NM	2.38	NM	2.47	1.56	2.26	1.73	1.65	2.48	2.14	2.77	2.48	1.88	1.93	2.39	1.96	2.03
GM-08I	29.95 - 44.95	1.33	1.53	1.75	1.64	1.54	1.64	NM	2.34	NM	2.45	1.56	2.22	1.71	1.63	2.11	2.09	2.76	2.46	1.86	1.91	2.35	1.96	2.04
GM-08S	6.35 - 21.35	1.19	1.38	1.78	1.65	1.55	1.62	NM	2.35	NM	2.44	1.55	2.23	1.73	1.63	2.42	2.09	2.75	2.47	1.84	1.9	2.36	1.96	2.05
GM-09D	48.35 - 63.35	0.89	0.96	1.57	1.41	1.39	1.35	NM	2.18	NM	1.74	1.39	1.63	1.87	1.25	2.1	1.61	2.35	2.11	1.69	1.59	1.9	1.58	1.73
GM-09I	28.7 - 43.7	1.41	1.59	1.58	1.41	1.41	1.33	NM	2.08	NM	1.73	1.39	1.61	1.86	1.22	2.12	1.62	2.38	2.12	1.69	1.6	1.9	1.58	1.75
GM-09S	4.7 - 19.7	1.23	1.44	1.62	1.44	1.46	1.36	NM	2.22	NM	1.8	1.42	1.65	1.91	1.26	2.14	1.65	2.4	2.16	1.73	1.64	1.93	1.61	1.78
GMP-01	25 - 30	NM	NM	NM	NM	NM	3.61	NM	4.29	NM	4.42	3.9	4.3	3.71	3.68	4.82	3.79	4.42	4.37	3.99	3.72	4.41	4.11	4.08
GMP-02	18 - 23	NM	NM	NM	NM	NM	3.41	NM	4.11	NM	4.21	3.6	4.07	3.52	3.4	4.53	3.56	4.31	4.2	3.74	3.57	4.19	3.85	3.86
GMP-04	15.5 - 20.5	NM	NM	NM	NM	NM	2.12	NM	2.62	NM	2.34	1.63	2.56	2.17	2.27	2.33	2.09	3.27	2.88	2.18	2.53	2.89	2.35	2.39
MW-04D	35 - 45	NM	NM	14.82	15.22	14.77	14.48	NM	15.13	13.24	15.76	15.79	15.59	14.75	15.17	16.69	14.6	15.04	15.71	15.59	14.39	16.13	16	15.5
MW-04S	4 - 14	NM	NM	14.77	13.81	14.7	14.81	NM	15.08	13.17	15.25	15.72	15.55	14.68	15.1	16.62	14.53	14.98	15.65	15.53	14.31	16.07	15.93	15.44

Table 1
Historic Water Table Elevations in Feet
Bay Shore/ Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well ID	Date Measured: / Screened Interval (ft bgs)	November 1978	December 1978	September 1992	October 1992	November 1999	March 2002	April 2002	June 2002	August 2002	November 2002	March 2003	July 2003	September 2003	January 2004	April 2004	July-Aug 2004	October 2004	February 2005	May 2005	August 2005	November 2005	February 2006	May 2006
OU2MW-01D	65 - 70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	11.29	11.21	10.84
OU2MW-01I	35 - 40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.87	9.7	9.33
OU2MW-01I2	50 - 55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.83	9.67	9.35
OU2MW-01S	20 - 25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.83	9.66	9.34
OU2MW-02D	65 - 70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.78	9.45
OU2MW-02I	35 - 40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.56	9.26
OU2MW-02I2	50 - 55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.54	9.24
OU2MW-02S	20 - 25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.69	9.24
OU2MW-03D	65 - 70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.09	10.05	9.73
OU2MW-03I	35 - 40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.36	8.14	7.86
OU2MW-03I2	50 - 55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.34	8.12	7.85
OU2MW-03S	20 - 25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.35	8.13	7.85
OU2MW-04D	65 - 70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.88	7.64
OU2MW-04I	35 - 40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.86	7.62
OU2MW-04I2	50 - 55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.86	7.63
OU2MW-04S	20 - 25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.85	7.61
OU2MW-05	25 - 35	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.55	5.27	5.2
OU2MW-06	15 - 25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.71	3.31	3.35
OU2MW-07	15 - 25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
OU2MW-08D	65 - 70	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.98	10.88	10.54
OU2MW-08I	35 - 40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.21	10.05	9.75
OU2MW-08I2	50 - 55	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.22	10.05	9.76
OU2MW-08S	20 - 25	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	10.21	10.06	9.75
OU2MW-09	30 - 40	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.48	9.34	9.05

Notes:
NM - No Measurement; either the well was not yet installed, was not accessible, or was not measured during that monitoring quarter.
All water elevations were calculated by subtracting the measured depth to water from the known measuring point elevation of the well.

Table 2
Mid Plume Injection Well Details
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

System Injection Bank	Injection Wells ID*	Injection Well Depth, Feet Below Grade Surface	Screen Interval, Feet Below Grade Surface
Injection Bank 1	Point 1	25.0	23.0-24.0
	Point 2	25.0	23.0-24.0
	Point 3	25.0	23.0-24.0
	Point 4	25.0	23.0-24.0
	Point 5	25.0	23.0-24.0
	Point 6	25.0	23.0-24.0
	Point 7	25.0	23.0-24.0
	Point 8	25.0	23.0-24.0
	Point 9	50.0	48.0-49.0
	Point 10	25.0	23.0-24.0
Injection Bank 2	Point 11	25.0	23.0-24.0
	Point 12	50.0	48.0-49.0
	Point 13	25.0	23.0-24.0
	Point 14	68.0	66.0-67.0
	Point 15	25.0	23.0-24.0
	Point 16	50.0	48.0-49.0
	Point 17	25.0	23.0-24.0
	Point 18	66.0	64.0-65.0
	Point 19	25.0	23.0-24.0
	Point 20	50.0	48.0-49.0
Injection Bank 3	Point 21	25.0	23.0-24.0
	Point 22	65.5	63.5-64.5
	Point 23	25.0	23.0-24.0
	Point 24	50.0	48.0-49.0
	Point 25	25.0	23.0-24.0
	Point 26	25.0	23.0-24.0
	Point 27	25.0	23.0-24.0
	Point 28	25.0	23.0-24.0
	Point 29	25.0	23.0-24.0
	Point 30	25.0	23.0-24.0

*The westernmost injection well is considered location 1, and the remaining wells are numbered in sequential order from west to east.

Table 3
Plume Tail Injection Well Details
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

System Injection Bank	Injection Wells ID	Injection Well Depth, Feet Below Grade Surface	Screen Interval, Feet Below Grade Surface
Injection Bank 4	Point 1	25.0	23.0-24.0
	Point 2	27.0	25.0-26.0
	Point 3	30.0	28.0-29.0
	Point 4	35.0	33.0-34.0
	Point 5	35.0	33.0-34.0
	Point 6	40.0	38.0-39.0
	Point 7	45.0	43.0-44.0
	Point 8	45.0	43.0-44.0
	Point 9	45.0	43.0-44.0
	Point 10	45.0	43.0-44.0
Injection Bank 5	Point 11	45.0	43.0-44.0
	Point 12	47.0	45.0-46.0
	Point 13	45.0	43.0-44.0
	Point 14	40.0	38.0-39.0
	Point 15	35.0	33.0-34.0
	Point 16	40.0	38.0-39.0
	Point 17	35.0	33.0-34.0
	Point 18	35.0	33.0-34.0
	Point 19	35.0	33.0-34.0
	Point 20	30.0	28.0-29.0
Injection Bank 6	Point 21	30.0	28.0-29.0
	Point 22	30.0	28.0-29.0
	Point 23	30.0	28.0-29.0
	Point 24	25.0	23.0-24.0
	Point 25	25.0	23.0-24.0
	Point 26	25.0	23.0-24.0
	Point 27	25.0	23.0-24.0
	Empty		
	Empty		
	Empty		

*The westernmost injection well is considered Point 1, and the remaining wells are numbered in sequential order in a clockwise progression.

Table 4
Mid Plume and Plume Tail Monitoring Well Details
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Monitering Well ID	Date Constructed	Depth of Well, Feet Below Grade Surface	Screen Interval, Feet Below Grade Surface	Bentonite Interval, Feet Below Grade Surface
OU2MW-1				
OU2MW-1S	5/12/2005	27.0	25.0-20.0	18.0-16.0
OU2MW-1I	5/16/2005	42.4	40.0-35.0	33.0-31.0
OU2MW-1I2	5/13/2005	57.2	55.2-50.2	48.2-46.2
OU2MW-1D	5/16/2005	72.4	70.0-65.0	63.0-61.0
OU2MW-2				
OU2MW-2S	5/13/2005	27.4	25.0-20.0	18.0-16.0
OU2MW-2I	5/18/2005	42.4	40.0-35.0	33.0-31.0
OU2MW-2I2	5/17/2005	57.4	55.0-50.0	48.0-46.0
OU2MW-2D	5/17/2005	68.4	61.0-66.0	57.0-59.0
OU2MW-3				
OU2MW-3S	5/12/2005	27.2	25.2-20.2	17.2-15.2
OU2MW-3I	5/17/2005	42.4	40.0-35.0	33.0-31.0
OU2MW-3I2	5/18/2005	57.4	55.0-50.0	48.0-46.0
OU2MW-3D	5/18/2005	72.4	70.0-65.0	63.0-61.0
OU2MW-4				
OU2MW-4S	5/11/2005	27.8	25.8-20.8	18.8-16.8
OU2MW-4I	5/17/2005	42.4	40.0-35.0	33.0-31.0
OU2MW-4I2	5/18/2005	57.4	55.0-50.0	48.0-46.0
OU2MW-4D	5/19/2005	68.4	66.0-61.0	59.0-57.0
OU2MW-8				
OU2MW-8S	9/2/2005	27.0	25.0-20.0	18.0-16.0
OU2MW-8I	8/31/2005	47.0	45.0-40.0	38.0-36.0
OU2MW-8I2	9/1/2005	57.0	55.0-50.0	48.0-46.0
OU2MW-8D	8/30/2005	70.0	68.0-63.0	61.0-59.0
OU2MW-5, OU2MW-6, OU2MW-7, OU2MW-9S				
OU2MW-9S	5/13/2005	30.4	30.4-20.4	18.4-16.4
OU2MW-5	5/24/2005	37.0	35.0-25.0	20.0-22.5
OU2MW-6	5/23/2005	37.0	35.0-25.0	23.0-21.0
OU2MW-7	5/23/2005	27.0	25.0-15.0	13.0-11.0

Table 5
Groundwater Physical Parameters Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Date: / Monitoring Well	11/29/2005	2/23/2006	3/29/2006	4/26/2006	5/31/2006	6/28/2006
Dissolved Oxygen (mg/L)						
BBMW-25I	20.0	7.33	13	12	25	27
BBMW-25S		20	33	39	33	24
OU2MW-01I	0.4	20	29	35	37	35
OU2MW-01S	0.4		0	0	0	2
OU2MW-01I2	0.4	0	0	0	0	3
OU2MW-06	0.8	0	0	0.1	25	26
Conductivity (mS/cm)						
BBMW-25I		0.647	0.458	0.386	0.387	0.238
BBMW-25S		0.354	0.342	0.3	0.236	0.232
OU2MW-01I	0.470	0.701	0.506	0.45	0.494	0.546
OU2MW-01S	0.609		0.608	0.482	0.465	0.506
OU2MW-01I2	0.187	0.287	0.186	0.174	0.196	0.209
OU2MW-06	0.214	0.152	0.178	0.188	0.159	0.095
pH						
BBMW-25I		6.49	6.56	6.58	6.51	6.44
BBMW-25S		6.28	6.4	6.4	6.5	6.21
OU2MW-01I	7.12	6.22	6.25	6.28	6.26	6.04
OU2MW-01S	7.09		6.49	6.57	6.5	6.34
OU2MW-01I2	7.05	6.46	6.5	6.53	6.52	6.2
OU2MW-06	7.68	6.87	6.73	6.28	5.36	5.04
Oxygen-Reduction Potential (mV)						
BBMW-25I		-52	-38.3	-32.4	17.6	163
BBMW-25S		148	202	167	216	180
OU2MW-01I	-477	123	193	148	207	139
OU2MW-01S	-462		-101.2	-100	-78	-104
OU2MW-01I2	-480	-54	-37.2	-39	-26	-45
OU2MW-06	-344	-104	-104.5	19.4	218	269
Temperature (degrees Celsius)						
BBMW-25I		14	14.97	13.14	15.91	20.95
BBMW-25S		11.2	12.97	12.18	16.44	20.61
OU2MW-01I	13.4	12	14.17	12.76	15.82	16.82
OU2MW-01S	15.0		14.23	12.57	15.93	18.05
OU2MW-01I2	12.8	12.5	13.09	12.35	15.58	16.88
OU2MW-06	14.7	12	11.91	10.69	13.89	14.5

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: / **Date Sampled:**	NYSDEC SCG	GM-03S 3/26/2003	GM-03S 2/26/2004	GM-03S 12/10/2004	GM-03S 3/17/2005	GM-03S 9/7/2005	GM-03S 12/6/2005	GM-03S 3/16/2006	GM-03S 6/12/2006
		Screened Interval 6.78 - 21.78 feet							
BTEX (ug/L)									
Benzene	1	**18**	**120**	**29**	**10**	**37**	**53**	**19**	**42**
Toluene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5	10 U	**60**	**62**	**16**	**45**	**63**	10 U	**42**
Xylene, total	5	**14**	**49**	**37**	**14**	**21**	**17**	10 U	**42**
Total BTEX	NE	**32**	**229**	**128**	**40**	**103**	**133**	**19**	**126**
Other VOCs (ug/L)									
Styrene	5	NA	NA	10 U	NA	NA	NA	NA	NA
Dichloropropene, cis-1,3	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Dichloropropene, trans-1,3	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Dichloroethane,1,2-	0.6	NA	NA	10 U	NA	NA	NA	NA	NA
Vinyl acetate	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	10 U	NA	NA	NA	NA	NA
Dibromochloromethane	50*	NA	NA	10 U	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	10 U	NA	NA	NA	NA	NA
Dichloroethene, cis-1,2-	5	NA	NA	10 U	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	10 U	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	10 U	NA	NA	NA	NA	NA
Hexanone,2-	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Acetone	50*	NA	NA	10 U	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	10 U	NA	NA	NA	NA	NA
Trichloroethane,1,1,1-	5	NA	NA	10 U	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	10 U	NA	NA	NA	NA	NA
Chloromethane	5	NA	NA	10 U	NA	NA	NA	NA	NA
Chloroethane	5	NA	NA	10 U	NA	NA	NA	NA	NA
Vinyl chloride	2	NA	NA	10 U	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	10 U	NA	NA	NA	NA	NA
Carbon disulfide	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Bromoform	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Bromodichloromethane	50*	NA	NA	10 U	NA	NA	NA	NA	NA
Dichloroethane,1,1-	5	NA	NA	10 U	NA	NA	NA	NA	NA
Dichloroethene,1,1-	5	NA	NA	10 U	NA	NA	NA	NA	NA
Dichloropropane,1,2-	1	NA	NA	10 U	NA	NA	NA	NA	NA
Butanone,2-	50*	NA	NA	10 U	NA	NA	NA	NA	NA
Trichloroethane,1,1,2-	1	NA	NA	10 U	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	10 U	NA	NA	NA	NA	NA
Tetrachloroethane,1,1,2,2-	5	NA	NA	10 U	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: / **Date Sampled:**	NYSDEC SCG	GM-03S 3/26/2003	GM-03S 2/26/2004	GM-03S 12/10/2004	GM-03S 3/17/2005	GM-03S 9/7/2005	GM-03S 12/6/2005	GM-03S 3/16/2006	GM-03S 6/12/2006
		Screened Interval 6.78 - 21.78 feet							
Noncarcinogenic PAHs (ug/L)									
Anthracene	50*	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	100 U	10 U	10 U	10 U	**13**	**10**	10 U	10 U
Acenaphthene	20*	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene	50*	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10*	**510**	**100 D**	**170 D**	NA	**170 D**	**100 D**	10 U	**250 D**
Methylnaphthalene,2-	NE	100 U	10 U	**12**	**12**	10 U	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	**510**	**100**	**182**	**12**	**183**	**110**	ND	**250**
Carcinogenic PAHs (ug/L)									
Indeno[1,2,3-cd]pyrene	0.002*	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)									
Total PAHs	NE	**510**	**100**	**182**	**12**	**183**	**110**	ND	**250**
Other SVOCs (ug/L)									
Nitroaniline,4-	NE	NA	NA	25 U	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	25 U	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	10 U	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	10 U	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	10 U	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	10 U	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Phenol	1	NA	NA	10 U	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	10 U	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	10 U	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	10 U	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	10 U	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	10 U	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	10 U	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	10 U	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: **Date Sampled:**	NYSDEC SCG	GM-03S 3/26/2003	GM-03S 2/26/2004	GM-03S 12/10/2004	GM-03S 3/17/2005	GM-03S 9/7/2005	GM-03S 12/6/2005	GM-03S 3/16/2006	GM-03S 6/12/2006
		Screened Interval 6.78 - 21.78 feet							
Dibenzofuran	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	25 U	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	25 U	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	10 U	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	10 U	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	10 U	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	10 U	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	10 U	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	10 U	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	10 U	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	25 U	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	25 U	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	20 U	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	10 U	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	10 U	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	10 U	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	25 U	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	10 U	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	25 U	NA	NA	NA	NA	NA
Total Cyanide (ug/L)									
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)									
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GM-03I	GM-03I	GM-03I	GM-03I	GM-03I	GM-03D	GM-03D	GM-03D	GM-03D	GM-03D
Date Sampled:		3/26/2003	2/26/2004	3/17/2005	9/7/2005	3/17/2006	3/26/2003	2/26/2004	8/25/2004	3/17/2005	9/7/2005
		Screened Interval 30.03 - 45.03 feet					Screened Interval 53.18 - 68.18 feet				
BTEX (ug/L)											
Benzene	1	10 U	**280 D**	10 U	**77**	**130**	10 U	10 U	10 U	10 U	10 U
Toluene	5	10 U	**19**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5	10 U	**140**	10 U	**20**	10 U	10 U	10 U	10 U	10 U	10 U
Xylene, total	5	10 U	**440**	10 U	**40**	**66**	10 U	10 U	10 U	10 U	10 U
Total BTEX	NE	ND	**879**	ND	**137**	**196**	ND	ND	ND	ND	ND
Other VOCs (ug/L)											
Styrene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropene, cis-1,3	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropene, trans-1,3	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethane,1,2-	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	**47**	**55**	**12**	**15**	10 U	10 U	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexanone,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethane,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethene,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropane,1,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butanone,2-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethane,1,1,2,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GM-03I	GM-03I	GM-03I	GM-03I	GM-03I	GM-03D	GM-03D	GM-03D	GM-03D	GM-03D
Date Sampled:		3/26/2003	2/26/2004	3/17/2005	9/7/2005	3/17/2006	3/26/2003	2/26/2004	8/25/2004	3/17/2005	9/7/2005
		Screened Interval 30.03 - 45.03 feet					Screened Interval 53.18 - 68.18 feet				
Noncarcinogenic PAHs (ug/L)											
Anthracene	50*	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	20 U	**90 D**	10 U	**19**	**26**	10 U	10 U	10 U	10 U	10 U
Acenaphthene	20*	20 U	**37**	10 U	10 U	**24**	10 U	10 U	10 U	10 U	10 U
Phenanthrene	50*	20 U	**11**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10*	**100**	**660 D**	**67**	**410 D**	**1200 D**	**31**	10 U	10 U	10 U	10 U
Methylnaphthalene,2-	NE	**49**	**100 DJ**	10 U	10 U	**80**	10 U	10 U	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	**149**	**898**	**67**	**429**	**1330**	**31**	ND	ND	ND	ND
Carcinogenic PAHs (ug/L)											
Indeno[1,2,3-cd]pyrene	0.002*	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)											
Total PAHs	NE	**149**	**898**	**67**	**429**	**1330**	**31**	ND	ND	ND	ND
Other SVOCs (ug/L)											
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GM-03I	GM-03I	GM-03I	GM-03I	GM-03I	GM-03D	GM-03D	GM-03D	GM-03D	GM-03D
Date Sampled:		3/26/2003	2/26/2004	3/17/2005	9/7/2005	3/17/2006	3/26/2003	2/26/2004	8/25/2004	3/17/2005	9/7/2005
		Screened Interval 30.03 - 45.03 feet					Screened Interval 53.18 - 68.18 feet				
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)											
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)											
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: / **Date Sampled:**	NYSDEC SCG	GM-05S 3/28/2003	GM-05S 7/10/2003	GM-05S 3/1/2004	GM-05S 4/22/2004	GM-05S 8/20/2004	GM-05S 12/15/2004	GM-05S 3/9/2005	GM-05S 6/23/2005	GM-05S 8/24/2005	GM-05S 12/12/2005	GM-05S 3/9/2006	GM-05S 6/9/2006
		Screened Interval 5.1 - 20.1 feet											
BTEX (ug/L)													
Benzene	1	**12**	**57**	10 U	10 U	**73**	10 U	**53**	10 U	**16**	**25**	**41**	**10**
Toluene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5	**30**	**190**	10 U	10 U	**38**	10 U	**43**	10 U	**10**	**21**	**64**	10 U
Xylene, total	5	**45**	**120**	10 U	10 U	**46**	10 U	**38**	10 U	**14**	**11**	**35**	**11**
Total BTEX	NE	**87**	**367**	ND	ND U	**157**	ND	**134**	ND	**40**	**57**	**140**	**21**
Other VOCs (ug/L)													
Styrene	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloropropene, cis-1,3	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloropropene, trans-1,3	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloroethane,1,2-	0.6	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Vinyl acetate	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Hexanone,2-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Acetone	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,1-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloromethane	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloroethane	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bromoform	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloroethane,1,1-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloroethene,1,1-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloropropane,1,2-	1	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Butanone,2-	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,2-	1	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Tetrachloroethane,1,1,2,2-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S
Date Sampled:		3/28/2003	7/10/2003	3/1/2004	4/22/2004	8/20/2004	12/15/2004	3/9/2005	6/23/2005	8/24/2005	12/12/2005	3/9/2006	6/9/2006
		Screened Interval 5.1 - 20.1 feet											
Noncarcinogenic PAHs (ug/L)													
Anthracene	50*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	100 U	50 U	10 U	10 U	**25**	10 U	**18**	10 U	**16**	10 U	10 U	10 U
Acenaphthene	20*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene	50*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10*	**760**	**230**	10 U	10 U	**550 D**	10 U	**270 D**	10 U	**320 D**	10 U	**34**	10 U
Methylnaphthalene,2-	NE	**98**	50 U	10 U	10 U	**60**	10 U	**24**	10 U	**30**	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	**858**	**230**	ND	NA	**635**	ND	**312**	ND	**366**	ND	**34**	ND
Carcinogenic PAHs (ug/L)													
Indeno[1,2,3-cd]pyrene	0.002*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)													
Total PAHs	NE	**858**	**230**	ND	ND	**635**	ND	**312**	ND	**366**	ND	**34**	ND
Other SVOCs (ug/L)													
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S	GM-05S
Date Sampled:		3/28/2003	7/10/2003	3/1/2004	4/22/2004	8/20/2004	12/15/2004	3/9/2005	6/23/2005	8/24/2005	12/12/2005	3/9/2006	6/9/2006
		Screened Interval 5.1 - 20.1 feet											
Dibenzofuran	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)													
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)													
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: / **Date Sampled:**	NYSDEC SCG	GM-05I 3/28/2003	GM-05I 8/19/2004	GM-05I 12/15/2004	GM-05I 3/8/2006	GM-05D 8/19/2004	GM-05D 3/8/2006
		Screened Interval 35.05 - 48.05 ft				Screened Interval 60.95 - 75.95 ft	
BTEX (ug/L)							
Benzene	1	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	5	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5	10 U	10 U	10 U	10 U	10 U	10 U
Xylene, total	5	10 U	10 U	10 U	10 U	10 U	10 U
Total BTEX	NE	ND	ND U	ND	ND	ND U	ND
Other VOCs (ug/L)							
Styrene	5	NA	NA	NA	NA	NA	NA
Dichloropropene, cis-1,3	NE	NA	NA	NA	NA	NA	NA
Dichloropropene, trans-1,3	NE	NA	NA	NA	NA	NA	NA
Dichloroethane,1,2-	0.6	NA	NA	NA	NA	NA	NA
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50*	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA	NA	NA	NA
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA
Hexanone,2-	NE	NA	NA	NA	NA	NA	NA
Acetone	50*	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,1-	5	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	NA
Chloromethane	5	NA	NA	NA	NA	NA	NA
Chloroethane	5	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NA	NA	NA	NA	NA	NA
Bromoform	NE	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50*	NA	NA	NA	NA	NA	NA
Dichloroethane,1,1-	5	NA	NA	NA	NA	NA	NA
Dichloroethene,1,1-	5	NA	NA	NA	NA	NA	NA
Dichloropropane,1,2-	1	NA	NA	NA	NA	NA	NA
Butanone,2-	50*	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,2-	1	NA	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA	NA
Tetrachloroethane,1,1,2,2-	5	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		GM-05I	GM-05I	GM-05I	GM-05I	GM-05D	GM-05D
Date Sampled:	NYSDEC SCG	3/28/2003	8/19/2004	12/15/2004	3/8/2006	8/19/2004	3/8/2006
		Screened Interval 35.05 - 48.05 ft				Screened Interval 60.95 - 75.95 ft	
Noncarcinogenic PAHs (ug/L)							
Anthracene	50*	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthene	20*	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene	50*	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10*	10 U	**51**	10 U	10 U	**28**	10 U
Methylnaphthalene,2-	NE	10 U	10 U	10 U	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	ND	**51**	ND	ND	**28**	ND
Carcinogenic PAHs (ug/L)							
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)							
Total PAHs	NE	ND	**51**	ND	ND	**28**	ND
Other SVOCs (ug/L)							
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: **Date Sampled:**	NYSDEC SCG	GM-05I 3/28/2003	GM-05I 8/19/2004	GM-05I 12/15/2004	GM-05I 3/8/2006	GM-05D 8/19/2004	GM-05D 3/8/2006
		Screened Interval 35.05 - 48.05 ft				Screened Interval 60.95 - 75.95 ft	
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)							
Cyanide, Total	200	NA	NA	NA	NA	NA	NA
Other (ug/L)							
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01
Date Sampled:		12/15/2004	3/27/2003	7/9/2003	3/1/2004	4/22/2004	8/13/2004	3/9/2005	6/23/2005	8/24/2005	12/12/2005	3/15/2006	6/7/2006
		Screened Interval 25 - 30 feet											
BTEX (ug/L)													
Benzene	1	10 U	50 U	**44**	**30**	**15**	**15**	**47**	100 U	200 U	**15**	**54**	**180**
Toluene	5	10 U	50 U	10 U	10 U	10 U	**12**	**13**	100 U	200 U	10 U	**28**	**17**
Ethylbenzene	5	**200**	50 U	**600**	**570 D**	**310 D**	**360 D**	**1500 D**	**2000**	**720**	**65**	**190**	**150**
Xylene, total	5	500 U	**250**	**180**	**92**	**130**	**200**	**570**	**1200**	**560**	**170**	**290**	**230**
Total BTEX	NE	**200**	**250**	**824**	**692**	**455**	**587**	**2130**	**3200**	**1280**	**250**	**562**	**577**
Other VOCs (ug/L)													
Styrene	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropene, cis-1,3	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropene, trans-1,3	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethane,1,2-	0.6	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50*	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	**14**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethene, cis-1,2-	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	**94**	**75**	**33**	10 U	**15**	**17**	10 U	100 U	200 U	10 U	10 U	**13**
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexanone,2-	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50*	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,1-	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50*	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethane,1,1-	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethene,1,1-	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropane,1,2-	1	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butanone,2-	50*	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,2-	1	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethane,1,1,2,2-	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01
Date Sampled:		12/15/2004	3/27/2003	7/9/2003	3/1/2004	4/22/2004	8/13/2004	3/9/2005	6/23/2005	8/24/2005	12/12/2005	3/15/2006	6/7/2006
		Screened Interval 25 - 30 feet											
Noncarcinogenic PAHs (ug/L)													
Anthracene	50*	**10**	100 U	50 U	**15**	**15**	10 U	**14**	**10**	10 U	**15**	**15**	**13**
Pyrene	50*	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	1000 U	**150**	**130**	**120 D**	**200 DJ**	**51**	**300 DJ**	**230 D**	**43**	**300 DJ**	**400 DJ**	**300 DJ**
Acenaphthene	20*	**45**	100 U	50 U	**110 D**	**100 DJ**	**94 D**	**48**	**76**	**44**	**37**	**43**	**27**
Phenanthrene	50*	**79**	100 U	50 U	**68**	**68**	**41**	**66**	**54**	**16**	**68**	**62**	**62**
Fluorene	50*	**80**	100 U	50 U	**58**	**66**	**16**	**67**	**51**	**16**	**63**	**65**	**59**
Naphthalene	10*	**6300 D**	**730**	**140**	**50**	**780 D**	**64**	**1900 D**	**770 D**	**6000 D**	**8700 D**	**7800 D**	**7900 D**
Methylnaphthalene,2-	NE	1000 U	100 U	50 U	10 U	**52**	10 U	**200 DJ**	**50**	**300 DJ**	**1000 DJ**	**1000 DJ**	**900 DJ**
Total Noncarcinogenic PAHs	NE	**6514**	**880**	**270**	**421**	**1281**	**266**	**2595**	**1241**	**6419**	**10183**	**9385**	**9261**
Carcinogenic PAHs (ug/L)													
Indeno[1,2,3-cd]pyrene	0.002*	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)													
Total PAHs	NE	**6514**	**880**	**270**	**421**	**1281**	**266**	**2595**	**1241**	**6419**	**10183**	**9385**	**9261**
Other SVOCs (ug/L)													
Nitroaniline,4-	NE	25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01	GMP-01
Date Sampled:		12/15/2004	3/27/2003	7/9/2003	3/1/2004	4/22/2004	8/13/2004	3/9/2005	6/23/2005	8/24/2005	12/12/2005	3/15/2006	6/7/2006
		Screened Interval 25 - 30 feet											
Dibenzofuran	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)													
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)													
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02
Date Sampled:		3/27/2003	7/9/2003	3/1/2004	4/22/2004	8/13/2004	12/15/2004	3/9/2005	6/23/2005	8/24/2005	12/12/2005	3/15/2006	6/8/2006
		Screened Interval 18 - 23 feet											
BTEX (ug/L)													
Benzene	1	100 U	**640**	**770 D**	**350 D**	**240 D**	500 U	**480 D**	**410**	**200**	**95**	**34**	10 U
Toluene	5	**220**	**35**	**45**	**33**	**30**	**24**	**18**	50 U	50 U	10 U	10 U	10 U
Ethylbenzene	5	**120**	**910**	**340 D**	**160**	**120**	500 U	**430 D**	**290**	**120**	**140**	**61**	10 U
Xylene, total	5	**370**	**690**	**580**	**370**	**270**	500 U	**390**	**390**	**230**	**76**	**56**	**11**
Total BTEX	NE	**710**	**2275**	**1735**	**913**	**660**	**24**	**1318**	**1090**	**550**	**311**	**151**	**11**
Other VOCs (ug/L)													
Styrene	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloropropene, cis-1,3	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloropropene, trans-1,3	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloroethane,1,2-	0.6	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Vinyl acetate	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	100 U	10 U	**73**	**58**	**56**	**20**	10 U	50 U	50 U	**10**	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Hexanone,2-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Acetone	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	**14**	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,1-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloromethane	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloroethane	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bromoform	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloroethane,1,1-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloroethene,1,1-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloropropane,1,2-	1	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Butanone,2-	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,2-	1	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Tetrachloroethane,1,1,2,2-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02
Date Sampled:		3/27/2003	7/9/2003	3/1/2004	4/22/2004	8/13/2004	12/15/2004	3/9/2005	6/23/2005	8/24/2005	12/12/2005	3/15/2006	6/8/2006
		Screened Interval 18 - 23 feet											
Noncarcinogenic PAHs (ug/L)													
Anthracene	50*	1000 U	2000 U	**13**	**12**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	1000 U	2000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	1000 U	2000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	1000 U	2000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	1000 U	2000 U	2500 UD	**300 DJ**	**300 DJ**	1000 U	**200 DJ**	**200 DJ**	**400 DJ**	**26**	10 U	10 U
Acenaphthene	20*	1000 U	2000 U	**35**	**31**	**21**	**30**	**26**	**12**	**21**	**13**	10 U	10 U
Phenanthrene	50*	1000 U	2000 U	**63**	**60**	**49**	**61**	**46**	**24**	**56**	**27**	10 U	10 U
Fluorene	50*	1000 U	2000 U	**61**	**64**	**43**	**69**	**36**	**23**	**60**	**15**	10 U	10 U
Naphthalene	10*	**3300**	**4000**	**3200 D**	**5700 D**	**4100 D**	**5300 D**	**2400 D**	**2900 D**	**7300 D**	**70**	10 U	10 U
Methylnaphthalene,2-	NE	1000 U	2000 U	**400 DJ**	**800 DJ**	**700 DJ**	1000 U	**300 DJ**	**300 DJ**	**1000 D**	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	**3300**	**4000**	**3772**	**6967**	**5213**	**5460**	**3008**	**3459**	**8837**	**151**	ND	ND
Carcinogenic PAHs (ug/L)													
Indeno[1,2,3-cd]pyrene	0.002*	1000 U	2000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	1000 U	2000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	1000 U	2000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	1000 U	2000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	1000 U	2000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	1000 U	2000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	1000 U	2000 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)													
Total PAHs	NE	**3300**	**4000**	**3772**	**6967**	**5213**	**5460**	**3008**	**3459**	**8837**	**151**	ND	ND
Other SVOCs (ug/L)													
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02	GMP-02
Date Sampled:		3/27/2003	7/9/2003	3/1/2004	4/22/2004	8/13/2004	12/15/2004	3/9/2005	6/23/2005	8/24/2005	12/12/2005	3/15/2006	6/8/2006
		Screened Interval 18 - 23 feet											
Dibenzofuran	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	20 U	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	25 U	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)													
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)													
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04
Date Sampled:		12/15/2004	3/27/2003	7/9/2003	3/2/2004	4/22/2004	8/13/2004	3/9/2005	6/23/2005	8/24/2005	12/9/2005	3/15/2006	6/9/2006
		Screened Interval 15.5 - 20.5 feet											
BTEX (ug/L)													
Benzene	1	**71**	10 U	**11**	**26**	**22**	**27**	**48**	**47**	**55**	**94**	**170**	**48**
Toluene	5	**12**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**11**	**48**	10 U	10 U
Ethylbenzene	5	**1100 D**	10 U	10 U	**260 D**	**310 D**	**240 D**	**130**	**110**	**190**	**610 D**	**24**	10 U
Xylene, total	5	**300**	10 U	10 U	**45**	**53**	**78**	**85**	**57**	**110**	**380**	**48**	**35**
Total BTEX	NE	**1483**	ND	**11**	**331**	**385**	**345**	**263**	**214**	**366**	**1132**	**242**	**83**
Other VOCs (ug/L)													
Styrene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropene, cis-1,3	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropene, trans-1,3	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethane,1,2-	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	10 U	**16**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexanone,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethane,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethene,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropane,1,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butanone,2-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethane,1,1,2,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04	GMP-04
Date Sampled:		12/15/2004	3/27/2003	7/9/2003	3/2/2004	4/22/2004	8/13/2004	3/9/2005	6/23/2005	8/24/2005	12/9/2005	3/15/2006	6/9/2006
		Screened Interval 15.5 - 20.5 feet											
Noncarcinogenic PAHs (ug/L)													
Anthracene	50*	**12**	10 U	50 U	10 U	10 U	10 U	**12**	10 U	10 U	**14**	10 U	10 U
Pyrene	50*	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	**130 D**	10 U	50 U	**25**	**38**	**14**	**44**	10 U	**26**	**100 DJ**	10 U	10 U
Acenaphthene	20*	**200 D**	10 U	50 U	**120 D**	**77**	**68**	**140 D**	**23**	**130 D**	**200 DJ**	**19**	**12**
Phenanthrene	50*	100 U	10 U	50 U	**36**	**29**	**27**	**48**	10 U	**26**	**57**	10 U	10 U
Fluorene	50*	**72**	10 U	50 U	**27**	**25**	**16**	**28**	10 U	**26**	**49**	10 U	10 U
Naphthalene	10*	**930 D**	10 U	**430**	**41**	**37**	**110 D**	**310 D**	**54**	**150 D**	**1100 D**	**22**	**10**
Methylnaphthalene,2-	NE	**28**	10 U	50 U	**210 D**	10 U	10 U	**19**	10 U	**11**	**200 DJ**	10 U	10 U
Total Noncarcinogenic PAHs	NE	**1372**	ND	**430**	**459**	**206**	**235**	**601**	**77**	**369**	**1720**	**41**	**22**
Carcinogenic PAHs (ug/L)													
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)													
Total PAHs	NE	**1372**	ND	**430**	**459**	**206**	**235**	**601**	**77**	**369**	**1720**	**41**	**22**
Other SVOCs (ug/L)													
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: / **Date Sampled:**	NYSDEC SCG	GMP-04 12/15/2004	GMP-04 3/27/2003	GMP-04 7/9/2003	GMP-04 3/2/2004	GMP-04 4/22/2004	GMP-04 8/13/2004	GMP-04 3/9/2005	GMP-04 6/23/2005	GMP-04 8/24/2005	GMP-04 12/9/2005	GMP-04 3/15/2006	GMP-04 6/9/2006
		Screened Interval 15.5 - 20.5 feet											
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)													
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)													
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	OU2MW-1S	OU2MW-01S	OU2MW-01S	OU2MW-1I	OU2MW-01I	OU2MW-1I	OU2MW-1I2	OU2MW-01I2	OU2MW-1I2
Date Sampled:		8/30/2005	3/1/2006	6/22/2006	8/30/2005	3/1/2006	6/22/2006	8/30/2005	3/1/2006	6/22/2006
		Screened Interval 20 - 25 feet			Screened Interval 35 - 40 feet			Screened Interval 50 - 55 feet		
BTEX (ug/L)										
Benzene	1	**490 D**	**140**	**69**	10 U	**190 D**	10 U	10 U	10 U	10 U
Toluene	5	**33**	10 U	10 U	10 U	**17**	10 U	10 U	**75**	**61**
Ethylbenzene	5	**350 D**	**130**	**54**	10 U	**160**	10 U	10 U	10 U	10 U
Xylene, total	5	**370**	**78**	**53**	**77**	**400**	**170**	**25**	**120**	**65**
Total BTEX	NE	**1243**	**348**	**176**	**77**	**767**	**170**	**25**	**195**	**126**
Other VOCs (ug/L)										
Styrene	5	NA	NA	10 U	NA	NA	**17**	NA	NA	**39**
Dichloropropene, cis-1,3	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloropropene, trans-1,3	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethane,1,2-	0.6	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chlorobenzene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dibromochloromethane	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Tetrachloroethene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	**26**	10 U	10 U	10 U	**12**	10 U	**39**	**62**	**29**
Dichloroethene,1,2- (total)	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Carbon tetrachloride	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Hexanone,2-	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Acetone	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloroform	7	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethane,1,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromomethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloromethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloroethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Vinyl chloride	2	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Methylene chloride	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Carbon disulfide	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromoform	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromodichloromethane	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethane,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethene,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloropropane,1,2-	1	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Butanone,2-	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethane,1,1,2-	1	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Tetrachloroethane,1,1,2,2-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-1S	OU2MW-01S	OU2MW-01S	OU2MW-1I	OU2MW-01I	OU2MW-1I	OU2MW-1I2	OU2MW-01I2	OU2MW-1I2
Date Sampled:	NYSDEC SCG	8/30/2005	3/1/2006	6/22/2006	8/30/2005	3/1/2006	6/22/2006	8/30/2005	3/1/2006	6/22/2006
		Screened Interval 20 - 25 feet			Screened Interval 35 - 40 feet			Screened Interval 50 - 55 feet		
Noncarcinogenic PAHs (ug/L)										
Anthracene	50*	**10**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	2000 U	**38**	**32**	1000 U	**400 DJ**	**200 DJ**	**15**	**65**	10 U
Acenaphthene	20*	**18**	**35**	10 U	**17**	**20**	**17**	10 U	10 U	10 U
Phenanthrene	50*	**49**	**21**	10 U	**46**	**46**	**50**	10 U	**18**	10 U
Fluorene	50*	**50**	**17**	**11**	**44**	**56**	**50**	10 U	10 U	10 U
Naphthalene	10*	**6800 D**	**340 D**	**380 D**	**5400 D**	**6800 D**	**2900 D**	**43**	**1100 D**	10 U
Methylnaphthalene,2-	NE	2000 U	**13**	**34**	1000 U	**900 DJ**	**500 DJ**	10 U	**66**	10 U
Total Noncarcinogenic PAHs	NE	**6927**	**464**	**457**	**5507**	**8222**	**3717**	**58**	**1249**	ND
Carcinogenic PAHs (ug/L)										
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)										
Total PAHs	NE	**6927**	**464**	**457**	**5507**	**8222**	**3717**	**58**	**1249**	ND
Other SVOCs (ug/L)										
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-1S	OU2MW-01S	OU2MW-01S	OU2MW-1I	OU2MW-01I	OU2MW-1I	OU2MW-1I2	OU2MW-01I2	OU2MW-1I2
Date Sampled:	NYSDEC SCG	8/30/2005	3/1/2006	6/22/2006	8/30/2005	3/1/2006	6/22/2006	8/30/2005	3/1/2006	6/22/2006
		Screened Interval 20 - 25 feet			Screened Interval 35 - 40 feet			Screened Interval 50 - 55 feet		
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)										
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)										
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	OU2MW-1D	OU2MW-01D	OU2MW-01D	OU2MW-2S	OU2MW-02S	OU2MW-02S	OU2MW-2I	OU2MW-02I	OU2MW-02I
Date Sampled:		8/31/2005	3/1/2006	6/22/2006	8/31/2005	2/28/2006	6/20/2006	8/31/2005	2/28/2006	6/20/2006
		Screened Interval 65 - 70 feet			Screened Interval 20 - 25 feet			Screened Interval 35 - 40 feet		
BTEX (ug/L)										
Benzene	1	10 U	10 U	10 U	**14**	10 U	**11**	**11**	**10**	10 U
Toluene	5	10 U	10 U	10 U	10 U	10 U	10 U	**69**	**62**	**74**
Ethylbenzene	5	10 U	10 U	10 U	**61**	**130**	**51**	**37**	**18**	**21**
Xylene, total	5	10 U	10 U	10 U	**25**	**51**	**49**	**360**	**280**	**320**
Total BTEX	NE	ND	ND	ND	**100**	**181**	**111**	**477**	**370**	**415**
Other VOCs (ug/L)										
Styrene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	**90**
Dichloropropene, cis-1,3	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloropropene, trans-1,3	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethane,1,2-	0.6	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chlorobenzene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dibromochloromethane	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Tetrachloroethene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	10 U	**18**	10 U	**23**	**46**	**27**
Dichloroethene,1,2- (total)	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Carbon tetrachloride	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Hexanone,2-	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Acetone	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloroform	7	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethane,1,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromomethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloromethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloroethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Vinyl chloride	2	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Methylene chloride	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Carbon disulfide	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromoform	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromodichloromethane	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethane,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethene,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloropropane,1,2-	1	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Butanone,2-	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethane,1,1,2-	1	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Tetrachloroethane,1,1,2,2-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	OU2MW-1D	OU2MW-01D	OU2MW-01D	OU2MW-2S	OU2MW-02S	OU2MW-02S	OU2MW-2I	OU2MW-02I	OU2MW-02I
Date Sampled:		8/31/2005	3/1/2006	6/22/2006	8/31/2005	2/28/2006	6/20/2006	8/31/2005	2/28/2006	6/20/2006
		Screened Interval 65 - 70 feet			Screened Interval 20 - 25 feet			Screened Interval 35 - 40 feet		
Noncarcinogenic PAHs (ug/L)										
Anthracene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	10 U	10 U	10 U	**70**	**110 D**	**43**	500 U	**200 DJ**	**200 DJ**
Acenaphthene	20*	10 U	10 U	10 U	**28**	**47**	**60**	**15**	**18**	**19**
Phenanthrene	50*	10 U	10 U	10 U	**36**	**53**	**55**	**26**	**30**	**36**
Fluorene	50*	10 U	10 U	10 U	**17**	**27**	**22**	10 U	10 U	10 U
Naphthalene	10*	10 U	10 U	10 U	**11**	**74**	**29**	**2500 D**	**3100 D**	**3300 D**
Methylnaphthalene,2-	NE	10 U	10 U	10 U	10 U	10 U	10 U	500 U	**65**	**54**
Total Noncarcinogenic PAHs	NE	ND	ND	ND	**162**	**311**	**209**	**2541**	**3413**	**3609**
Carcinogenic PAHs (ug/L)										
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)										
Total PAHs	NE	ND	ND	ND	**162**	**311**	**209**	**2541**	**3413**	**3609**
Other SVOCs (ug/L)										
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-1D	OU2MW-01D	OU2MW-01D	OU2MW-2S	OU2MW-02S	OU2MW-02S	OU2MW-2I	OU2MW-02I	OU2MW-02I
Date Sampled:	NYSDEC SCG	8/31/2005	3/1/2006	6/22/2006	8/31/2005	2/28/2006	6/20/2006	8/31/2005	2/28/2006	6/20/2006
		Screened Interval 65 - 70 feet			Screened Interval 20 - 25 feet			Screened Interval 35 - 40 feet		
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)										
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)										
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-2I2	OU2MW-02I2	OU2MW-02I2	OU2MW-2D	OU2MW-02D	OU2MW-02D	OU2MW-3S	OU2MW-03S	OU2MW-03S
Date Sampled:	NYSDEC SCG	8/31/2005	2/28/2006	6/20/2006	8/31/2005	2/28/2006	6/20/2006	9/1/2005	3/8/2006	6/21/2006
		Screened Interval 50 - 55 feet			Screened Interval 65 - 70 feet			Screened Interval 20 - 25 feet		
BTEX (ug/L)										
Benzene	1	10 U	10 U	10 U	10 U	10 U	10 U	**35**	**160**	**55**
Toluene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5	10 U	10 U	10 U	10 U	10 U	10 U	**69**	**290 D**	**130**
Xylene, total	5	**10**	10 U	10 U	10 U	10 U	10 U	**47**	**80**	**49**
Total BTEX	NE	**10**	ND	ND	ND	ND	ND	**151**	**530**	**234**
Other VOCs (ug/L)										
Styrene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloropropene, cis-1,3	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloropropene, trans-1,3	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethane,1,2-	0.6	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chlorobenzene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dibromochloromethane	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Tetrachloroethene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Carbon tetrachloride	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Hexanone,2-	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Acetone	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloroform	7	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethane,1,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromomethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloromethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloroethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Vinyl chloride	2	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Methylene chloride	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Carbon disulfide	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromoform	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromodichloromethane	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethane,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethene,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloropropane,1,2-	1	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Butanone,2-	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethane,1,1,2-	1	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Tetrachloroethane,1,1,2,2-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-2I2	OU2MW-02I2	OU2MW-02I2	OU2MW-2D	OU2MW-02D	OU2MW-02D	OU2MW-3S	OU2MW-03S	OU2MW-03S
Date Sampled:	NYSDEC SCG	8/31/2005	2/28/2006	6/20/2006	8/31/2005	2/28/2006	6/20/2006	9/1/2005	3/8/2006	6/21/2006
		Screened Interval 50 - 55 feet			Screened Interval 65 - 70 feet			Screened Interval 20 - 25 feet		
Noncarcinogenic PAHs (ug/L)										
Anthracene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	**22**	**11**	10 U	10 U	10 U	10 U	**260 D**	**200 D**	**160 D**
Acenaphthene	20*	10 U	10 U	10 U	10 U	10 U	10 U	**40**	**56**	**76**
Phenanthrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	**43**	**41**	**45**
Fluorene	50*	10 U	10 U	10 U	10 U	10 U	10 U	**36**	**23**	**36**
Naphthalene	10*	10 U	10 U	10 U	**15**	10 U	10 U	**22**	**19**	**36**
Methylnaphthalene,2-	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	**22**	**11**	ND	**15**	ND	ND	**401**	**339**	**353**
Carcinogenic PAHs (ug/L)										
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)										
Total PAHs	NE	**22**	**11**	ND	**15**	ND	ND	**401**	**339**	**353**
Other SVOCs (ug/L)										
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-2I2	OU2MW-02I2	OU2MW-02I2	OU2MW-2D	OU2MW-02D	OU2MW-02D	OU2MW-3S	OU2MW-03S	OU2MW-03S
Date Sampled:	NYSDEC SCG	8/31/2005	2/28/2006	6/20/2006	8/31/2005	2/28/2006	6/20/2006	9/1/2005	3/8/2006	6/21/2006
		Screened Interval 50 - 55 feet			Screened Interval 65 - 70 feet			Screened Interval 20 - 25 feet		
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)										
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)										
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-3I	OU2MW-03I	OU2MW-03I	OU2MW-3I2	OU2MW-03I2	OU2MW-03I2	OU2MW-3D	OU2MW-03D	OU2MW-03D
Date Sampled:	NYSDEC SCG	9/1/2005	3/8/2006	6/21/2006	9/1/2005	3/8/2006	6/21/2006	9/1/2005	3/8/2006	6/21/2006
		Screened Interval 35 - 40 feet			Screened Interval 50 - 55 feet			Screened Interval 65 - 70 feet		
BTEX (ug/L)										
Benzene	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene, total	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total BTEX	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other VOCs (ug/L)										
Styrene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloropropene, cis-1,3	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloropropene, trans-1,3	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethane,1,2-	0.6	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chlorobenzene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dibromochloromethane	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Tetrachloroethene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	**16**	**150**	**79**	10 U	10 U	10 U	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Carbon tetrachloride	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Hexanone,2-	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Acetone	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloroform	7	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethane,1,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromomethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloromethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloroethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Vinyl chloride	2	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Methylene chloride	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Carbon disulfide	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromoform	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromodichloromethane	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethane,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethene,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloropropane,1,2-	1	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Butanone,2-	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethane,1,1,2-	1	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Tetrachloroethane,1,1,2,2-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-3I	OU2MW-03I	OU2MW-03I	OU2MW-3I2	OU2MW-03I2	OU2MW-03I2	OU2MW-3D	OU2MW-03D	OU2MW-03D
Date Sampled:	NYSDEC SCG	9/1/2005	3/8/2006	6/21/2006	9/1/2005	3/8/2006	6/21/2006	9/1/2005	3/8/2006	6/21/2006
		Screened Interval 35 - 40 feet			Screened Interval 50 - 55 feet			Screened Interval 65 - 70 feet		
Noncarcinogenic PAHs (ug/L)										
Anthracene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	**44**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthene	20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene	50*	**10**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10*	**13**	10 U	10 U	10 U	**36**	**16**	10 U	10 U	10 U
Methylnaphthalene,2-	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	**67**	ND	ND	ND	**36**	**16**	ND	ND	ND
Carcinogenic PAHs (ug/L)										
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)										
Total PAHs	NE	**67**	ND	ND	ND	**36**	**16**	ND	ND	ND
Other SVOCs (ug/L)										
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-3I	OU2MW-03I	OU2MW-03I	OU2MW-3I2	OU2MW-03I2	OU2MW-03I2	OU2MW-3D	OU2MW-03D	OU2MW-03D
Date Sampled:	NYSDEC SCG	9/1/2005	3/8/2006	6/21/2006	9/1/2005	3/8/2006	6/21/2006	9/1/2005	3/8/2006	6/21/2006
		Screened Interval 35 - 40 feet			Screened Interval 50 - 55 feet			Screened Interval 65 - 70 feet		
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)										
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)										
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	OU2MW-4S	OU2MW-04S	OU2MW-04S	OU2MW-4I	OU2MW-04I	OU2MW-04I	OU2MW-4I2	OU2MW-04I2	OU2MW-04I2
Date Sampled:		9/1/2005	3/7/2006	6/23/2006	9/1/2005	3/7/2006	6/23/2006	9/1/2005	3/7/2006	6/23/2006
		Screened Interval 20 - 25 feet			Screened Interval 35 - 40 feet			Screened Interval 50 - 55 feet		
BTEX (ug/L)										
Benzene	1	**1600 D**	**520 D**	**220 D**	**31**	**550 D**	**39**	**26**	**16**	10 U
Toluene	5	**50**	**24**	**20**	**26**	**25**	**58**	10 U	10 U	10 U
Ethylbenzene	5	**900 D**	**130**	**160**	**80**	**110**	**29**	10 U	10 U	10 U
Xylene, total	5	**580**	**170**	**340**	**130**	**200**	**170**	**15**	**16**	10 U
Total BTEX	NE	**3130**	**844**	**740**	**267**	**885**	**296**	**41**	**32**	ND
Other VOCs (ug/L)										
Styrene	5	NA	NA	10 U	NA	NA	**69**	NA	NA	10 U
Dichloropropene, cis-1,3	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloropropene, trans-1,3	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethane,1,2-	0.6	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chlorobenzene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dibromochloromethane	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Tetrachloroethene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	**77**	**39**	**87**	**11**	**46**	**23**
Dichloroethene,1,2- (total)	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Carbon tetrachloride	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Hexanone,2-	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Acetone	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloroform	7	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethane,1,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromomethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloromethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Chloroethane	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Vinyl chloride	2	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Methylene chloride	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Carbon disulfide	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromoform	NE	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Bromodichloromethane	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethane,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloroethene,1,1-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Dichloropropane,1,2-	1	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Butanone,2-	50*	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethane,1,1,2-	1	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Trichloroethene	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U
Tetrachloroethane,1,1,2,2-	5	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-4S	OU2MW-04S	OU2MW-04S	OU2MW-4I	OU2MW-04I	OU2MW-04I	OU2MW-4I2	OU2MW-04I2	OU2MW-04I2
Date Sampled:	NYSDEC SCG	9/1/2005	3/7/2006	6/23/2006	9/1/2005	3/7/2006	6/23/2006	9/1/2005	3/7/2006	6/23/2006
		Screened Interval 20 - 25 feet			Screened Interval 35 - 40 feet			Screened Interval 50 - 55 feet		
Noncarcinogenic PAHs (ug/L)										
Anthracene	50*	**14**	**14**	**12**	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	**200 DJ**	**400 DJ**	**300 DJ**	**300 DJ**	**300 DJ**	**200 DJ**	**35**	**53**	**49**
Acenaphthene	20*	**200 DJ**	**57**	**29**	**18**	**23**	**19**	10 U	**13**	**14**
Phenanthrene	50*	**66**	**66**	**54**	**46**	**67**	**54**	**10**	**11**	**11**
Fluorene	50*	**54**	**74**	**56**	**26**	**48**	**22**	10 U	10 U	10 U
Naphthalene	10*	**3200 D**	**11000 D**	**6200 D**	**5000 D**	**5600 D**	**3500 D**	**330 D**	**38**	**27**
Methylnaphthalene,2-	NE	**300 DJ**	**1000 DJ**	**700 DJ**	**54**	**400 DJ**	1000 DU	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	**4034**	**12611**	**7351**	**5444**	**6438**	**3795**	**375**	**115**	**101**
Carcinogenic PAHs (ug/L)										
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)										
Total PAHs	NE	**4034**	**12611**	**7351**	**5444**	**6438**	**3795**	**375**	**115**	**101**
Other SVOCs (ug/L)										
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-4S	OU2MW-04S	OU2MW-04S	OU2MW-4I	OU2MW-04I	OU2MW-04I	OU2MW-4I2	OU2MW-04I2	OU2MW-04I2
Date Sampled:	NYSDEC SCG	9/1/2005	3/7/2006	6/23/2006	9/1/2005	3/7/2006	6/23/2006	9/1/2005	3/7/2006	6/23/2006
		Screened Interval 20 - 25 feet			Screened Interval 35 - 40 feet			Screened Interval 50 - 55 feet		
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)										
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)										
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-4D	OU2MW-04D	OU2MW-04D	OU2MW-5	OU2MW-05	OU2MW-05	OU2MW-6	OU2MW-06	OU2MW-06
Date Sampled:	NYSDEC SCG	9/1/2005	3/7/2006	6/23/2006	9/2/2005	2/28/2006	6/9/2006	9/1/2005	2/23/2006	6/8/2006
		Screened Interval 65 - 70 feet			Screened Interval 25 - 30 feet			Screened Interval 15 - 25 feet		
BTEX (ug/L)										
Benzene	1	10 U	10 U	10 U	**44**	**29**	**60**	**500 D**	10 U	10 U
Toluene	5	10 U	10 U	10 U	**36**	10 U	**11**	**35**	10 U	10 U
Ethylbenzene	5	10 U	10 U	10 U	**640 D**	**75**	**63**	**280 D**	10 U	10 U
Xylene, total	5	10 U	10 U	10 U	**400**	**120**	**120**	**270**	**11**	10 U
Total BTEX	NE	ND	ND	ND	**1120**	**224**	**254**	**1085**	**11**	ND
Other VOCs (ug/L)										
Styrene	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloropropene, cis-1,3	NE	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloropropene, trans-1,3	NE	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloroethane,1,2-	0.6	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50*	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	**32**	**13**	**55**	**15**	10 U	**20**
Dichloroethene,1,2- (total)	NE	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Hexanone,2-	NE	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Acetone	50*	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,1-	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloromethane	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Chloroethane	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bromoform	NE	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50*	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloroethane,1,1-	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloroethene,1,1-	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Dichloropropane,1,2-	1	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Butanone,2-	50*	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,2-	1	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA
Tetrachloroethane,1,1,2,2-	5	NA	NA	10 U	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-4D	OU2MW-04D	OU2MW-04D	OU2MW-5	OU2MW-05	OU2MW-05	OU2MW-6	OU2MW-06	OU2MW-06
Date Sampled:	NYSDEC SCG	9/1/2005	3/7/2006	6/23/2006	9/2/2005	2/28/2006	6/9/2006	9/1/2005	2/23/2006	6/8/2006
		Screened Interval 65 - 70 feet			Screened Interval 25 - 30 feet			Screened Interval 15 - 25 feet		
Noncarcinogenic PAHs (ug/L)										
Anthracene	50*	10 U	10 U	10 U	10 U	10 U	10 U	**11**	10 U	10 U
Pyrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	10 U	10 U	10 U	**300 DJ**	**300 DJ**	**300 DJ**	**400 DJ**	10 U	10 U
Acenaphthene	20*	10 U	10 U	10 U	**100 DJ**	**32**	**23**	**23**	10 U	10 U
Phenanthrene	50*	10 U	10 U	10 U	**58**	**62**	**56**	**64**	10 U	10 U
Fluorene	50*	10 U	10 U	10 U	**53**	**55**	**46**	**43**	10 U	10 U
Naphthalene	10*	10 U	10 U	10 U	**3900 D**	**7000 D**	**4300 D**	**7500 D**	**19**	10 U
Methylnaphthalene,2-	NE	10 U	10 U	10 U	**300 DJ**	**600 DJ**	**400 DJ**	**1200 D**	10 U	10 U
Total Noncarcinogenic PAHs	NE	ND	ND	ND	**4711**	**8049**	**5125**	**9241**	**19**	ND
Carcinogenic PAHs (ug/L)										
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)										
Total PAHs	NE	ND	ND	ND	**4711**	**8049**	**5125**	**9241**	**19**	ND
Other SVOCs (ug/L)										
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-4D	OU2MW-04D	OU2MW-04D	OU2MW-5	OU2MW-05	OU2MW-05	OU2MW-6	OU2MW-06	OU2MW-06
Date Sampled:	NYSDEC SCG	9/1/2005	3/7/2006	6/23/2006	9/2/2005	2/28/2006	6/9/2006	9/1/2005	2/23/2006	6/8/2006
		Screened Interval 65 - 70 feet			Screened Interval 25 - 30 feet			Screened Interval 15 - 25 feet		
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)										
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)										
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	OU2MW-7	OU2MW-07	OU2MW-07	OU2MW-8S	OU2MW-8S	OU2MW-8I	OU2MW-8I	OU2MW-8I2	OU2MW-8I2
Date Sampled:		9/2/2005	2/23/2006	6/8/2006	10/4/2005	2/23/2006	10/4/2005	2/23/2006	10/4/2005	2/23/2006
		Screened Interval 15 - 25 feet			Screened Interval 20 - 25 feet			Screened 35 - 40 ft	Screened Interval 50 - 55 feet	
BTEX (ug/L)										
Benzene	1	**24**	10 U	10 U	**1200 D**	**180 D**	**71**	10 U	**21**	**24**
Toluene	5	10 U	10 U	10 U	**40**	**27**	10 U	**190**	10 U	**22**
Ethylbenzene	5	10 U	**10**	10 U	**540 D**	**150**	**38**	**37**	**27**	**48**
Xylene, total	5	**11**	**49**	**39**	**430**	**260**	**72**	**300**	**64**	**78**
Total BTEX	NE	**35**	**59**	**39**	**2210**	**617**	**181**	**527**	**112**	**172**
Other VOCs (ug/L)										
Styrene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropene, cis-1,3	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropene, trans-1,3	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethane,1,2-	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	10 U	10 U	**89**	**75**	**180**	**150**
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexanone,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethane,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethene,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropane,1,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butanone,2-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethane,1,1,2,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: / Date Sampled:	NYSDEC SCG	OU2MW-7 9/2/2005	OU2MW-07 2/23/2006	OU2MW-07 6/8/2006	OU2MW-8S 10/4/2005	OU2MW-8S 2/23/2006	OU2MW-8I 10/4/2005	OU2MW-8I 2/23/2006	OU2MW-8I2 10/4/2005	OU2MW-8I2 2/23/2006
		Screened Interval 15 - 25 feet			Screened Interval 20 - 25 feet			Screened 35 - 40 ft	Screened Interval 50 - 55 feet	
Noncarcinogenic PAHs (ug/L)										
Anthracene	50*	10 U	10 U	10 U	**11**	**12**	10 U	10 U	10 U	10 U
Pyrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	**17**	**19**	10 U	1000 DU	**400 DJ**	**200 DJ**	**300 DJ**	**200 DJ**	**200 DJ**
Acenaphthene	20*	**35**	**50**	10 U	1000 DU	**36**	**15**	**18**	**26**	**23**
Phenanthrene	50*	**14**	10 U	10 U	**47**	**58**	**43**	**57**	**38**	**43**
Fluorene	50*	10 U	10 U	10 U	**46**	**62**	**38**	**48**	10 U	10 U
Naphthalene	10*	10 U	10 U	10 U	**1900 D**	**8500 D**	**3100 D**	**4300 D**	**1100 D**	**1400 D**
Methylnaphthalene,2-	NE	10 U	10 U	10 U	**200 DJ**	**900 DJ**	**57**	**260**	10 U	10 U
Total Noncarcinogenic PAHs	NE	**66**	**69**	ND	**2204**	**9968**	**3453**	**4983**	**1364**	**1666**
Carcinogenic PAHs (ug/L)										
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)										
Total PAHs	NE	**66**	**69**	ND	**2204**	**9968**	**3453**	**4983**	**1364**	**1666**
Other SVOCs (ug/L)										
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-7	OU2MW-07	OU2MW-07	OU2MW-8S	OU2MW-8S	OU2MW-8I	OU2MW-8I	OU2MW-8I2	OU2MW-8I2
Date Sampled:	NYSDEC SCG	9/2/2005	2/23/2006	6/8/2006	10/4/2005	2/23/2006	10/4/2005	2/23/2006	10/4/2005	2/23/2006
		Screened Interval 15 - 25 feet			Screened Interval 20 - 25 feet			Screened 35 - 40 ft	Screened Interval 50 - 55 feet	
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)										
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)										
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-8D	OU2MW-8D	OU2MW-9	OU2MW-9	OU2MW-9	BBMW-03S	BBMW-03S	BBMW-03S	BBMW-03S	BBMW-03S
Date Sampled:		10/4/2005	2/23/2006	9/1/2005	3/6/2006	6/19/2006	8/24/2004	12/13/2004	9/7/2005	2/24/2006	6/20/2006
	NYSDEC SCG	Screened Interval 65 - 70 feet		Screened Interval 30 - 40 feet			Screened Interval 3 - 13 feet				
BTEX (ug/L)											
Benzene	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene, total	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total BTEX	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other VOCs (ug/L)											
Styrene	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Dichloropropene, cis-1,3	NE	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Dichloropropene, trans-1,3	NE	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Dichloroethane,1,2-	0.6	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Chlorobenzene	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Dibromochloromethane	50*	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Tetrachloroethene	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	**29**	10 U	10 U	10 U	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	10 U	NA	NA	NA	NA	10 U
Carbon tetrachloride	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Hexanone,2-	NE	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Acetone	50*	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Chloroform	7	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Trichloroethane,1,1,1-	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Bromomethane	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Chloromethane	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Chloroethane	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Vinyl chloride	2	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Methylene chloride	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Carbon disulfide	NE	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Bromoform	NE	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Bromodichloromethane	50*	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Dichloroethane,1,1-	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Dichloroethene,1,1-	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Dichloropropane,1,2-	1	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Butanone,2-	50*	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Trichloroethane,1,1,2-	1	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Trichloroethene	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U
Tetrachloroethane,1,1,2,2-	5	NA	NA	NA	NA	10 U	NA	10 U	NA	NA	10 U

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-8D	OU2MW-8D	OU2MW-9	OU2MW-9	OU2MW-9	BBMW-03S	BBMW-03S	BBMW-03S	BBMW-03S	BBMW-03S
Date Sampled:		10/4/2005	2/23/2006	9/1/2005	3/6/2006	6/19/2006	8/24/2004	12/13/2004	9/7/2005	2/24/2006	6/20/2006
	NYSDEC SCG	Screened Interval 65 - 70 feet		Screened Interval 30 - 40 feet			Screened Interval 3 - 13 feet				
Noncarcinogenic PAHs (ug/L)											
Anthracene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthene	20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylnaphthalene,2-	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carcinogenic PAHs (ug/L)											
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)											
Total PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other SVOCs (ug/L)											
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	25 U	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	25 U	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		OU2MW-8D	OU2MW-8D	OU2MW-9	OU2MW-9	OU2MW-9	BBMW-03S	BBMW-03S	BBMW-03S	BBMW-03S	BBMW-03S
Date Sampled:		10/4/2005	2/23/2006	9/1/2005	3/6/2006	6/19/2006	8/24/2004	12/13/2004	9/7/2005	2/24/2006	6/20/2006
	NYSDEC SCG	Screened Interval 65 - 70 feet		Screened Interval 30 - 40 feet			Screened Interval 3 - 13 feet				
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	25 U	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	25 U	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	25 U	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	25 U	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	20 U	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	25 U	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	10 U	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	25 U	NA	NA	NA
Total Cyanide (ug/L)											
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)											
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		BBMW-03I	BBMW-03I	BBMW-03I	BBMW-03I	BBMW-03I	BBMW-03D	BBMW-03D	BBMW-03D	BBMW-03D
Date Sampled:	NYSDEC SCG	8/24/2004	12/13/2004	9/7/2005	2/24/2006	6/19/2006	12/13/2004	9/7/2005	2/24/2006	6/20/2006
		Screened Interval 30 - 40 feet					Screened Interval 52 - 62 feet			
BTEX (ug/L)										
Benzene	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene, total	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total BTEX	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other VOCs (ug/L)										
Styrene	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Dichloropropene, cis-1,3	NE	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Dichloropropene, trans-1,3	NE	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Dichloroethane,1,2-	0.6	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Vinyl acetate	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Chlorobenzene	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Dibromochloromethane	50*	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Tetrachloroethene	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Dichloroethene, cis-1,2-	5	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	**34**	**100**	**180**	**110**	10 U	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	10 U	NA	NA	NA	10 U
Carbon tetrachloride	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Hexanone,2-	NE	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Acetone	50*	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Chloroform	7	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Trichloroethane,1,1,1-	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Bromomethane	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Chloromethane	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Chloroethane	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Vinyl chloride	2	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Methylene chloride	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Carbon disulfide	NE	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Bromoform	NE	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Bromodichloromethane	50*	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Dichloroethane,1,1-	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Dichloroethene,1,1-	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Dichloropropane,1,2-	1	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Butanone,2-	50*	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Trichloroethane,1,1,2-	1	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Trichloroethene	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U
Tetrachloroethane,1,1,2,2-	5	NA	10 U	NA	NA	10 U	NA	NA	NA	10 U

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		BBMW-03I	BBMW-03I	BBMW-03I	BBMW-03I	BBMW-03I	BBMW-03D	BBMW-03D	BBMW-03D	BBMW-03D
Date Sampled:	NYSDEC SCG	8/24/2004	12/13/2004	9/7/2005	2/24/2006	6/19/2006	12/13/2004	9/7/2005	2/24/2006	6/20/2006
		Screened Interval 30 - 40 feet					Screened Interval 52 - 62 feet			
Noncarcinogenic PAHs (ug/L)										
Anthracene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthene	20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10*	10 U	10 U	10 U	10 U	10 U	**170 D**	10 U	10 U	10 U
Methylnaphthalene,2-	NE	10 U	10 U	10 U	10 U	10 U	**16**	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	ND	ND	ND	ND	ND	**186**	ND	ND	ND
Carcinogenic PAHs (ug/L)										
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)										
Total PAHs	NE	ND	ND	ND	ND	ND	**186**	ND	ND	ND
Other SVOCs (ug/L)										
Nitroaniline,4-	NE	NA	25 U	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	25 U	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	10 U	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		BBMW-03I	BBMW-03I	BBMW-03I	BBMW-03I	BBMW-03I	BBMW-03D	BBMW-03D	BBMW-03D	BBMW-03D
Date Sampled:	NYSDEC SCG	8/24/2004	12/13/2004	9/7/2005	2/24/2006	6/19/2006	12/13/2004	9/7/2005	2/24/2006	6/20/2006
		Screened Interval 30 - 40 feet					Screened Interval 52 - 62 feet			
Dibenzofuran	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	25 U	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	25 U	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	10 U	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	10 U	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	25 U	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	25 U	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	20 U	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	25 U	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	10 U	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	25 U	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)										
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)										
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07I
Date Sampled:		3/26/2003	7/18/2003	3/1/2004	4/29/2004	8/26/2004	11/17/2004	3/21/2005	12/8/2005	3/22/2006	11/17/2004
		Screened Interval 5 - 15 feet									SI 30 - 40 ft
BTEX (ug/L)											
Benzene	1	10 U	**65**	**160**	**11**	**39**	**20**	10 U	10 U	10 U	10 U
Toluene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5	10 U	**22**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene, total	5	10 U	**29**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total BTEX	NE	ND	**116**	**160**	**11**	**39**	**20**	ND	ND	ND	ND
Other VOCs (ug/L)											
Styrene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropene, cis-1,3	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropene, trans-1,3	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethane,1,2-	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexanone,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethane,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroethene,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloropropane,1,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butanone,2-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethane,1,1,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethane,1,1,2,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:	NYSDEC SCG	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07S	BBMW-07I
Date Sampled:		3/26/2003	7/18/2003	3/1/2004	4/29/2004	8/26/2004	11/17/2004	3/21/2005	12/8/2005	3/22/2006	11/17/2004
		Screened Interval 5 - 15 feet									SI 30 - 40 ft
Noncarcinogenic PAHs (ug/L)											
Anthracene	50*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthene	20*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene	50*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10*	**600**	**170**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylnaphthalene,2-	NE	**110**	50 U	**24**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	**710**	**170**	**24**	NA	ND	ND	ND	ND	ND	ND
Carcinogenic PAHs (ug/L)											
Indeno[1,2,3-cd]pyrene	0.002*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)											
Total PAHs	NE	**710**	**170**	**24**	ND	ND	ND	ND	ND	ND	ND
Other SVOCs (ug/L)											
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: **Date Sampled:**	NYSDEC SCG	BBMW-07S 3/26/2003	BBMW-07S 7/18/2003	BBMW-07S 3/1/2004	BBMW-07S 4/29/2004	BBMW-07S 8/26/2004	BBMW-07S 11/17/2004	BBMW-07S 3/21/2005	BBMW-07S 12/8/2005	BBMW-07S 3/22/2006	BBMW-07I 11/17/2004
		Screened Interval 5 - 15 feet									SI 30 - 40 ft
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)											
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)											
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: / Date Sampled:	NYSDEC SCG	BBMW-25S 3/26/2003	BBMW-25S 7/18/2003	BBMW-25S 2/27/2004	BBMW-25S 8/25/2004	BBMW-25S 10/13/2004	BBMW-25S 12/13/2004	BBMW-25S 3/18/2005	BBMW-25S 8/29/2005	BBMW-25S 12/7/2005	BBMW-25S 3/2/2006	BBMW-25S 6/19/2006
		Screened Interval 4 - 14 feet										
BTEX (ug/L)												
Benzene	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene, total	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total BTEX	NE	ND	ND	ND	ND U	ND	ND	ND	ND	ND	ND	ND
Other VOCs (ug/L)												
Styrene	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Dichloropropene, cis-1,3	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Dichloropropene, trans-1,3	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Dichloroethane,1,2-	0.6	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Vinyl acetate	NE	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Chlorobenzene	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Dibromochloromethane	50*	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Tetrachloroethene	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	10 U	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	10 U	NA	10 U	10 U	10 U	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	NA	10 U	10 U	NA	NA	NA	NA	NA	10 U
Carbon tetrachloride	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Hexanone,2-	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Acetone	50*	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Chloroform	7	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Trichloroethane,1,1,1-	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Bromomethane	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Chloromethane	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Chloroethane	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Vinyl chloride	2	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Methylene chloride	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Carbon disulfide	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Bromoform	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Bromodichloromethane	50*	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Dichloroethane,1,1-	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Dichloroethene,1,1-	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Dichloropropane,1,2-	1	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Butanone,2-	50*	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Trichloroethane,1,1,2-	1	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Trichloroethene	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U
Tetrachloroethane,1,1,2,2-	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	10 U

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: / Date Sampled:	NYSDEC SCG	BBMW-25S 3/26/2003	BBMW-25S 7/18/2003	BBMW-25S 2/27/2004	BBMW-25S 8/25/2004	BBMW-25S 10/13/2004	BBMW-25S 12/13/2004	BBMW-25S 3/18/2005	BBMW-25S 8/29/2005	BBMW-25S 12/7/2005	BBMW-25S 3/2/2006	BBMW-25S 6/19/2006
		Screened Interval 4 - 14 feet										
Noncarcinogenic PAHs (ug/L)												
Anthracene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthene	20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10*	10 U	10 U	10 U	10 U	10 U	**14**	10 U	10 U	10 U	10 U	10 U
Methylnaphthalene,2-	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Noncarcinogenic PAHs	NE	ND	ND	ND	ND	ND	**14**	ND	ND	ND	ND	ND
Carcinogenic PAHs (ug/L)												
Indeno[1,2,3-cd]pyrene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)												
Total PAHs	NE	ND	ND	ND	ND	ND	**14**	ND	ND	ND	ND	ND
Other SVOCs (ug/L)												
Nitroaniline,4-	NE	NA	NA	NA	25 U	25 U	25 U	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	25 U	25 U	25 U	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: **Date Sampled:**	NYSDEC SCG	BBMW-25S 3/26/2003	BBMW-25S 7/18/2003	BBMW-25S 2/27/2004	BBMW-25S 8/25/2004	BBMW-25S 10/13/2004	BBMW-25S 12/13/2004	BBMW-25S 3/18/2005	BBMW-25S 8/29/2005	BBMW-25S 12/7/2005	BBMW-25S 3/2/2006	BBMW-25S 6/19/2006
		Screened Interval 4 - 14 feet										
Dibenzofuran	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	25 U	25 U	25 U	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	25 U	25 U	25 U	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	25 U	25 U	25 U	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	25 U	25 U	25 U	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	10 U	10 U	20 U	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	25 U	25 U	25 U	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	10 U	10 U	10 U	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	10 U	10 U	25 U	NA	NA	NA	NA	NA
Total Cyanide (ug/L)												
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)												
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: / **Date Sampled:**	NYSDEC SCG	BBMW-25I 3/26/2003	BBMW-25I 7/18/2003	BBMW-25I 2/27/2004	BBMW-25I 4/21/2004	BBMW-25I 8/25/2004	BBMW-25I 12/13/2004	BBMW-25I 3/18/2005	BBMW-25I 8/30/2005	BBMW-25I 12/7/2005	BBMW-25I 3/2/2006	BBMW-25I 6/19/2006
		Screened Interval 25 - 35 feet										
BTEX (ug/L)												
Benzene	1	**470 D**	**440**	**500 D**	**310 D**	**230 D**	**170**	**360 D**	**170**	**210 D**	**44**	10 U
Toluene	5	**60**	**40**	**64**	**36**	**35**	**27**	**35**	**22**	**20**	10 U	10 U
Ethylbenzene	5	**230 D**	**170**	**270 D**	**170**	**190**	**380 D**	**710 D**	**470 D**	**590 D**	**90**	10 U
Xylene, total	5	**570**	**330**	**470**	**420**	**410**	**430**	**890 D**	**420**	**540**	**130**	10 U
Total BTEX	NE	**1330**	**980**	**1304**	**936**	**865**	**1007**	**1995**	**1082**	**1360**	**264**	ND
Other VOCs (ug/L)												
Styrene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloropropene, cis-1,3	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloropropene, trans-1,3	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloroethane,1,2-	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Chlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dibromochloromethane	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Tetrachloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	**28**	**14**	10 U	**13**	10 U	**66**	10 U	10 U	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Hexanone,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Acetone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Trichloroethane,1,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Bromomethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Chloromethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Chloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Vinyl chloride	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Methylene chloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Carbon disulfide	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Bromoform	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Bromodichloromethane	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloroethane,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloroethene,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloropropane,1,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Butanone,2-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Trichloroethane,1,1,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Trichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Tetrachloroethane,1,1,2,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID:		BBMW-25I	BBMW-25I	BBMW-25I	BBMW-25I	BBMW-25I	BBMW-25I	BBMW-25I	BBMW-25I	BBMW-25I	BBMW-25I	BBMW-25I
Date Sampled:	NYSDEC SCG	3/26/2003	7/18/2003	2/27/2004	4/21/2004	8/25/2004	12/13/2004	3/18/2005	8/30/2005	12/7/2005	3/2/2006	6/19/2006
		Screened Interval 25 - 35 feet										
Noncarcinogenic PAHs (ug/L)												
Anthracene	50*	1000 U	800 U	**13**	**12**	**12**	10 U	10 U	10 U	**11**	10 U	10 U
Pyrene	50*	1000 U	800 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	1000 U	800 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	1000 U	800 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	1000 U	800 U	2500 UD	**300 DJ**	**300 DJ**	1000 U	**200 DJ**	1000 U	**100 DJ**	**100 DJ**	10 U
Acenaphthene	20*	1000 U	800 U	**25**	**22**	**21**	**24**	**41**	**30**	**57**	**20**	10 U
Phenanthrene	50*	1000 U	800 U	**61**	**59**	**53**	**44**	**53**	**48**	**59**	**17**	10 U
Fluorene	50*	1000 U	800 U	**61**	**68**	**54**	**34**	**43**	**43**	**45**	**23**	10 U
Naphthalene	10*	**4900**	**4700**	**4100 D**	**6400 D**	**6400 D**	**3800 D**	**4800 D**	**3500 D**	**4800 D**	**1300 D**	10 U
Methylnaphthalene,2-	NE	1000 U	800 U	**600 J**	**900 DJ**	**1000 DJ**	1000 U	**800 DJ**	1000 U	**400 DJ**	**100 DJ**	10 U
Total Noncarcinogenic PAHs	NE	**4900**	**4700**	**4860**	**7761**	**7840**	**3902**	**4937**	**3621**	**5472**	**1560**	ND
Carcinogenic PAHs (ug/L)												
Indeno[1,2,3-cd]pyrene	0.002*	1000 U	800 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	1000 U	800 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	1000 U	800 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	1000 U	800 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	1000 U	800 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	1000 U	800 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	1000 U	800 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)												
Total PAHs	NE	**4900**	**4700**	**4860**	**7761**	**7840**	**3902**	**4937**	**3621**	**5472**	**1560**	ND
Other SVOCs (ug/L)												
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: / **Date Sampled:**	NYSDEC SCG	BBMW-25I 3/26/2003	BBMW-25I 7/18/2003	BBMW-25I 2/27/2004	BBMW-25I 4/21/2004	BBMW-25I 8/25/2004	BBMW-25I 12/13/2004	BBMW-25I 3/18/2005	BBMW-25I 8/30/2005	BBMW-25I 12/7/2005	BBMW-25I 3/2/2006	BBMW-25I 6/19/2006
		Screened Interval 25 - 35 feet										
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)												
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)												
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: / **Date Sampled:**	NYSDEC SCG	BBMW-25D 3/26/2003	BBMW-25D 7/18/2003	BBMW-25D 2/27/2004	BBMW-25D 4/21/2004	BBMW-25D 8/25/2004	BBMW-25D 12/13/2004	BBMW-25D 3/18/2005	BBMW-25D 8/30/2005	BBMW-25D 3/2/2006	BBMW-25D 6/19/2006
		Screened Interval 62 - 72 feet									
BTEX (ug/L)											
Benzene	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	5	10 U	**17**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylene, total	5	**59**	**58**	**29**	**20**	10 U	**110**	**78**	**47**	**11**	**21**
Total BTEX	NE	**59**	**75**	**29**	**20**	ND	**110**	**78**	**47**	**11**	**21**
Other VOCs (ug/L)											
Styrene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloropropene, cis-1,3	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloropropene, trans-1,3	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloroethane,1,2-	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Vinyl acetate	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-2-pentanone,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Chlorobenzene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dibromochloromethane	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Tetrachloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloroethene, cis-1,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-dichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	NE	10 U	10 U	10 U	10 U	10 U	**13**	**11**	10 U	10 U	10 U
Dichloroethene,1,2- (total)	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Carbon tetrachloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Hexanone,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Acetone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Chloroform	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Trichloroethane,1,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Bromomethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Chloromethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Chloroethane	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Vinyl chloride	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Methylene chloride	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Carbon disulfide	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Bromoform	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Bromodichloromethane	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloroethane,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloroethene,1,1-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Dichloropropane,1,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Butanone,2-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Trichloroethane,1,1,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Trichloroethene	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Tetrachloroethane,1,1,2,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	10 U

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: / **Date Sampled:**	NYSDEC SCG	BBMW-25D 3/26/2003	BBMW-25D 7/18/2003	BBMW-25D 2/27/2004	BBMW-25D 4/21/2004	BBMW-25D 8/25/2004	BBMW-25D 12/13/2004	BBMW-25D 3/18/2005	BBMW-25D 8/30/2005	BBMW-25D 3/2/2006	BBMW-25D 6/19/2006
		Screened Interval 62 - 72 feet									
Noncarcinogenic PAHs (ug/L)											
Anthracene	50*	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50*	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[g,h,i]perylene	NE	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50*	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NE	50 U	200 U	10 U	10 U	10 U	**16**	10 U	**15**	**10**	10 U
Acenaphthene	20*	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene	50*	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50*	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10*	**280**	**1300**	**120 D**	**130 D**	**91 D**	**520 D**	**200 D**	**340 D**	**270 D**	**160 D**
Methylnaphthalene,2-	NE	50 U	**250**	**15**	**14**	**10**	**52**	**23**	**35**	**28**	**19**
Total Noncarcinogenic PAHs	NE	**280**	**1550**	**135**	**144**	**101**	**588**	**223**	**390**	**308**	**179**
Carcinogenic PAHs (ug/L)											
Indeno[1,2,3-cd]pyrene	0.002*	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[b]fluoranthene	0.002*	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[k]fluoranthene	0.002*	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002*	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo[a]pyrene	ND	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz[a,h]anthracene	NE	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benz[a]anthracene	0.002*	50 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total Carcinogenic PAHs	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (ug/L)											
Total PAHs	NE	**280**	**1550**	**135**	**144**	**101**	**588**	**223**	**390**	**308**	**179**
Other SVOCs (ug/L)											
Nitroaniline,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphenol, 2,4-	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol, 4-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,4-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroaniline,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(chloroisopropyl)ether	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorobenzene,1,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorophenol,2,4-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Well Location/ID: **Date Sampled:**	NYSDEC SCG	BBMW-25D 3/26/2003	BBMW-25D 7/18/2003	BBMW-25D 2/27/2004	BBMW-25D 4/21/2004	BBMW-25D 8/25/2004	BBMW-25D 12/13/2004	BBMW-25D 3/18/2005	BBMW-25D 8/30/2005	BBMW-25D 3/2/2006	BBMW-25D 6/19/2006
		Screened Interval 62 - 72 feet									
Dibenzofuran	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrophenol,2,4-	10*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitro-2-methylphenol,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,3-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloro-3-methylphenol,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dinitrotoluene,2,6-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenyl phenyl ether,4-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	50*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,6-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,2-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloronaphthalene,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzidine,3,3-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylphenol,2-	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobenzene,1,2-	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorophenol,2-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorophenol,2,4,5-	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitroaniline,3-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Cyanide (ug/L)											
Cyanide, Total	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other (ug/L)											
Mediumweight Petroleum Hydrocarbons	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 6
Groundwater Analytical Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Notes:

BTEX - benzene, toluene, ethlybenzene, and xylene (a subset of VOCs)

VOCs - volatile organic compounds

PAHs - polycyclic aromatic hydrocarbons

SVOCs - Semivolatile organic compounds

ug/L - micrograms per liter or parts per billion (ppb)

NYSDEC SCG - New York State Department of Environmental Conservation Standards, Criteria and Guidance

* indicates the value is a guidance value and not a standard

NE - not established

NA - not analyzed

Bolding indicates the compound was detected

Shading indicates an exceedance of established NYSDEC SCGs

ND - not detected; total concentration is listed as ND because no compounds were detected in the group

J - estimated value

U - indicates not detected at or above the reporting limit shown

D - indicates a diluted sample

Table 7
Soil Vapor Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Sample ID: / Date Collected:	OU2SG01 5/5/2005	OU2SG01 8/30/2005	OU2SG01Q1 2/1/2006	OU2SG01Q2 6/14/2006	OU2SG02 5/5/2005	OU2SG02 8/30/2005	OU2SG02Q1 2/1/2006	OU2SG02Q2 6/14/2006
BTEX (ug/m3)								
Benzene	**3.8**	**5.4**	**6.1**	13.4 U	**2.4**	**5.7**	**7.3**	16 U
Toluene	**36.6**	**75.4**	**56.6**	**56.6**	**22.6**	**75.4**	**64.1**	**60.3**
Ethylbenzene	**7.4**	**17.4**	**17.4**	18.2 U	**5.6**	**18.7**	**23**	21.7 U
Xylene, m,p-	**24.3**	**69.4**	**47.7**	**43.4**	**18.2**	**69.4**	**43.4**	**42.5**
Xylene, o-	**8.2**	**22.1**	**12.2**	18.2 U	**7.4**	**22.1**	**12.6**	21.7 U
Other VOCs (ug/m3)								
Trichloroethane,1,1,1-	4 U	4.4 U	4 U	22.9 U	4 U	4.3 U	4.1 U	27.3 U
Tetrachloroethane,1,1,2,2-	5 U	5.5 U	5 U	28.9 U	5 U	5.4 U	5.2 U	34.4 U
Trichloroethane,1,1,2-	4 U	4.4 U	4 U	22.9 U	4 U	4.3 U	4.1 U	27.3 U
Dichloroethane,1,1-	3 U	3.2 U	3 U	17 U	3 U	3.2 U	3.1 U	20.2 U
Dichloroethene,1,1-	2.9 U	3.2 U	2.9 U	16.7 U	2.9 U	3.1 U	3 U	19.8 U
Trichlorobenzene,1,2,4-	21.5 U	23.7 U	21.5 U	126.1 U	21.5 U	23.7 U	22.3 U	148.4 U
Trimethylbenzene,1,2,4-	**7.4**	**18.7**	**5.4**	20.7 U	**6.4**	**18.2**	**4.4**	24.6 U
Dibromoethane,1,2-	5.6 U	6.2 U	5.6 U	32.3 U	5.6 U	6.1 U	5.8 U	38.4 U
Dichlorobenzene,1,2-	4.4 U	4.8 U	4.4 U	25.2 U	4.4 U	4.7 U	4.6 U	30 U
Dichloroethane,1,2-	3 U	3.2 U	3 U	17 U	3 U	3.2 U	3.1 U	20.2 U
Dichloropropane,1,2-	3.4 U	3.7 U	3.4 U	19.4 U	3.4 U	3.6 U	3.5 U	23.1 U
Trimethylbenzene,1,3,5-	3.6 U	**7.4**	3.6 U	20.7 U	3.6 U	**6.9**	3.7 U	24.6 U
Butadiene, 1,3-	**2.9**	1.8 U	1.6 U	9.3 U	**2.7**	1.7 U	1.7 U	11 U
Dichlorobenzene,1,3-	4.4 U	4.8 U	4.4 U	25.2 U	4.4 U	4.7 U	4.6 U	30 U
Dichlorobenzene,1,4-	4.4 U	4.8 U	4.4 U	25.2 U	4.4 U	4.7 U	4.6 U	30 U
Dioxane,1,4-	10.4 U	11.5 U	10.4 U	61.2 U	10.4 U	11.5 U	10.8 U	72 U
Dichloroethene, cis-1,2-	2.9 U	3.2 U	2.9 U	16.7 U	2.9 U	3.1 U	3 U	19.8 U
Dichloropropene, cis-1,3	3.3 U	3.6 U	3.3 U	19.1 U	3.3 U	3.6 U	3.5 U	22.7 U
Trans-1,2-dichloroethene	2.9 U	3.2 U	2.9 U	16.7 U	2.9 U	3.1 U	3 U	19.8 U
Dichloropropene, trans-1,3	3.3 U	3.6 U	3.3 U	19.1 U	3.3 U	3.6 U	3.5 U	22.7 U
Butanone,2-	**32.4**	2.4 U	**8.3**	**20.9**	**10.3**	**9.7**	**6.2**	**18.6**
Hexanone,2-	11.9 U	13.1 U	11.9 U	69.7 U	11.9 U	13.1 U	12.3 U	82 U
Propanol,2-	**14.5**	7.9 U	7.1 U	**68.9**	**15.7**	**10.6**	7.4 U	**78.7**
Ethyltoluene, p-	**7.9**	**21.6**	**6.9 J**	20.7 U	**6.9**	**21.6**	**5.9**	24.6 U
Methyl-2-pentanone,4-	3 U	3.3 U	3 U	17.2 U	3 U	3.2 U	3.1 U	20.5 U
Acetone	**428.4**	**109.5**	**47.6**	**642.6**	**223.7**	**204.7**	**52.4**	**904.4**
Benzyl chloride	3.8 U	4.1 UJ	3.8 U	21.8 U	3.8 U	4.1 UJ	3.9 U	25.9 U
Bromodichloromethane	4.9 U	5.4 U	4.9 U	28.1 U	4.9 U	5.3 U	5.1 U	33.5 U
Bromoform	7.5 U	8.3 U	7.5 U	43.4 U	7.5 U	8.2 U	7.9 U	51.7 U
Bromomethane	2.8 U	3.1 U	2.8 U	16.3 U	2.8 U	3.1 U	3 U	19.4 U
Carbon disulfide	**3.7**	2.5 U	**3.1**	13.1 U	2.3 U	**8.1**	2.4 U	15.6 U
Carbon tetrachloride	4.6 U	5 U	4.6 U	26.4 U	4.6 U	5 U	4.8 U	31.4 U
Chlorobenzene	3.4 U	3.7 U	3.4 U	19.4 U	3.4 U	3.6 U	3.5 U	23 U
Chloroethane	1.9 U	2.1 U	1.9 U	11.1 U	1.9 U	2.1 U	2 U	13.2 U
Chloroform	3.6 U	3.9 U	3.6 U	20.5 U	3.6 U	3.9 U	3.7 U	24.4 U
Chloromethane	6 U	6.6 U	6 U	35.2 U	6 U	6.6 U	6.2 U	41.4 U
Cyclohexane	2.5 U	**3.3**	2.5 U	14.4 U	2.5 U	**3.8**	2.6 U	17.2 U
Dibromochloromethane	6.2 U	6.8 U	6.2 U	35.7 U	6.2 U	6.7 U	6.5 U	42.5 U
Ethanol	**245.7 J**	6 U	**22.7**	**90.7**	**189 J**	**51**	**32.1**	**124.7**
Trichlorofluoromethane	4.1 U	4.5 U	4.1 U	23.6 U	4.1 U	4.4 U	4.3 U	28.1 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-	5.6 U	6.1 U	5.6 U	32.2 U	5.6 U	6.1 U	5.8 U	38.4 U
Cryofluorane	5.1 U	5.6 U	5.1 U	29.4 U	5.1 U	5.5 U	5.3 U	35 U
Dichlorodifluoromethane	3.6 U	4 U	3.6 U	20.8 U	3.6 U	3.9 U	3.8 U	24.8 U
Heptane, n-	**3.5**	**8.6**	**4.9**	17.2 U	3 U	**8.2**	**6.1**	20.5 U
Hexachlorobutadiene	30.9 U	34.1 U	30.9 U	181.2 U	30.9 U	34.1 U	32 U	213.2 U
Hexane, n-	**5.3**	**7.4**	**4.6**	14.8 U	2.6 U	**8.1**	**6**	17.7 U
Methyl tert-butyl ether	2.6 U	**4.7**	2.6 U	15.1 U	2.6 U	**10.1**	2.7 U	18 U
Methylene chloride	2.5 U	2.8 U	2.5 U	14.6 U	2.5 U	2.7 U	2.6 U	17.4 U
Naphthalene	15.2 UJ	**26.2**	15.2 U	89.1 U	15.2 UJ	16.8 U	15.7 U	104.8 U
Styrene	3.1 U	**6**	3.1 U	17.9 U	3.1 U	**4.3**	3.2 U	21.3 U
Tetrachloroethene	4.9 U	**8.1**	**9.5**	**43.4**	4.9 U	**8.8**	**8.1**	**50.2**
Tetrahydrofuran	2.2 U	**2.7**	**2.5**	12.4 U	2.2 U	**2.5**	2.2 U	14.8 U
Trichloroethene	3.9 U	4.3 U	3.9 U	22.6 U	3.9 U	**8.6**	4.1 U	26.8 U
Vinyl chloride	1.9 U	2 U	1.9 U	10.8 U	1.9 U	2 U	1.9 U	12.8 U
2,2,4-Trimethylpentane	3.4 U	**10.3**	**261.5**	**5604**	3.4 U	**11.2**	**607.1**	**7005**
Allyl chloride	9.1 U	10 U	9.1 U	53.2 U	9.1 U	10 U	9.4 U	62.6 U
Isopropyl benzene	3.6 U	3.9 U	3.6 U	20.7 U	3.6 U	3.9 U	3.7 U	24.6 U
Propylbenzene, n-	3.6 U	**4.9**	3.6 U	20.7 U	3.6 U	**4.5**	3.7 U	24.6 U

Table 7
Soil Vapor Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Sample ID:	OU2SG03	OU2SG03	OU2SG03Q1	OU2SG03Q2	OU2SG04	OU2SG04	OU2SG04Q1	OU2SG04Q2
Date Collected:	5/5/2005	8/30/2005	2/1/2006	6/14/2006	5/5/2005	8/30/2005	2/1/2006	6/14/2006
BTEX (ug/m3)								
Benzene	**6.4**	**7**	**10.2**	21.1 U	**3.8**	2.5 U	**7.7**	15.6 U
Toluene	**45.2**	**94.2**	**52.8**	**56.6**	**30.9**	2.9 U	**56.6**	**49**
Ethylbenzene	**6.9**	**23.4**	**18.7**	28.6 U	**7.8**	3.4 U	**14.3**	21.3 U
Xylene, m,p-	**15.6**	**95.5**	**47.7**	**37.3**	**29.1**	**3.5**	**36.9**	**24.7**
Xylene, o-	**6.1**	**33**	**12.6**	28.6 U	**10.4**	3.4 U	**9.1**	21.3 U
Other VOCs (ug/m3)								
Trichloroethane,1,1,1-	4.3 U	4.3 U	4 U	36 U	4 U	4.3 U	4 U	26.8 U
Tetrachloroethane,1,1,2,2-	5.4 U	5.4 U	5 U	45.3 U	5.1 U	5.4 U	5.1 U	33.7 U
Trichloroethane,1,1,2-	4.3 U	4.3 U	4 U	36 U	4 U	4.3 U	4 U	26.8 U
Dichloroethane,1,1-	3.2 U	3.2 U	3 U	26.7 U	3 U	3.2 U	3 U	19.8 U
Dichloroethene,1,1-	3.1 U	3.1 U	2.9 U	26.2 U	2.9 U	3.1 U	2.9 U	19.5 U
Trichlorobenzene,1,2,4-	23.7 U	23 U	21.5 U	192.9 U	22.3 U	23 U	22.3 U	141 U
Trimethylbenzene,1,2,4-	3.9 U	**32.5**	**5.4**	32.5 U	**10.8**	3.8 U	**3.9**	24.1 U
Dibromoethane,1,2-	6.1 U	6 U	5.6 U	50.8 U	5.7 U	6 U	5.7 U	37.7 U
Dichlorobenzene,1,2-	4.7 U	4.7 U	4.4 U	39.7 U	4.4 U	4.7 U	4.4 U	29.4 U
Dichloroethane,1,2-	3.2 U	3.2 U	3 U	26.7 U	3 U	3.2 U	3 U	19.8 U
Dichloropropane,1,2-	3.6 U	3.6 U	3.4 U	30.5 U	3.4 U	3.6 U	3.4 U	22.6 U
Trimethylbenzene,1,3,5-	3.9 U	**12.3**	3.6 U	32.5 U	**4**	3.8 U	3.6 U	24.1 U
Butadiene, 1,3-	**5.3**	**2.2**	1.6 U	14.6 U	**2.2**	1.7 U	1.6 U	10.8 U
Dichlorobenzene,1,3-	**5.9**	4.7 U	4.4 U	39.7 U	4.4 U	4.7 U	4.4 U	29.4 U
Dichlorobenzene,1,4-	4.7 U	4.7 U	4.4 U	39.7 U	4.4 U	4.7 U	4.4 U	29.4 U
Dioxane,1,4-	11.5 U	11.2 U	10.4 U	93.6 U	10.8 U	11.2 U	10.8 U	68.4 U
Dichloroethene, cis-1,2-	3.1 U	3.1 U	2.9 U	26.2 U	2.9 U	3.1 U	2.9 U	19.5 U
Dichloropropene, cis-1,3	3.6 U	3.5 U	3.3 U	30 U	3.4 U	3.5 U	3.4 U	22.2 U
Trans-1,2-dichloroethene	3.1 U	3.1 U	2.9 U	26.2 U	2.9 U	3.1 U	2.9 U	19.5 U
Dichloropropene, trans-1,3	3.6 U	3.5 U	3.3 U	30 U	3.4 U	3.5 U	3.4 U	22.2 U
Butanone,2-	**35.4**	**16.8**	**8.9**	**24.5**	**25.4**	2.3 U	**8.9**	**17.1**
Hexanone,2-	13.1 U	12.7 U	11.9 U	106.6 U	12.3 U	12.7 U	12.3 U	77.9 U
Propanol,2-	**36.9**	**9.3**	7.1 U	**172.2**	**16.2**	7.6 U	7.4 U	46.7 U
Ethyltoluene, p-	3.9 U	**33.5**	**7.4 J**	32.5 U	**11.3**	3.8 U	**4.9 J**	24.1 U
Methyl-2-pentanone,4-	3.2 U	3.2 U	3 U	27.1 U	3 U	3.2 U	3 U	20.1 U
Acetone	**856.8 EJ**	**523.6**	**88.1**	**1094.8**	**357**	**19.8**	**76.2**	**547.4**
Benzyl chloride	4.1 U	4 UJ	3.8 U	34.2 U	3.8 U	4 UJ	3.8 U	25.4 U
Bromodichloromethane	5.3 U	5.2 U	4.9 U	44.2 U	5 U	5.2 U	5 U	32.8 U
Bromoform	8.2 U	8.1 U	7.5 U	68.2 U	7.7 U	8.1 U	7.7 U	50.7 U
Bromomethane	3.1 U	3 U	2.8 U	25.7 U	2.9 U	3 U	2.9 U	19.1 U
Carbon disulfide	**2.5**	**3.7**	**4.7**	**20.8**	**17.1**	**8.4**	2.3 U	15.2 U
Carbon tetrachloride	5 U	4.9 U	4.6 U	41.5 U	4.7 U	4.9 U	4.7 U	30.8 U
Chlorobenzene	3.6 U	3.6 U	3.4 U	30.4 U	3.4 U	3.6 U	3.4 U	22.6 U
Chloroethane	2.1 U	2.1 U	1.9 U	17.4 U	2 U	2.1 U	2 U	12.9 U
Chloroform	3.9 U	3.8 U	3.6 U	32.2 U	3.6 U	3.8 U	3.6 U	23.9 U
Chloromethane	6.6 U	6.4 U	6 U	53.8 U	6.2 U	6.4 U	6.2 U	39.3 U
Cyclohexane	2.7 U	**6.5**	2.5 U	22.7 U	2.5 U	2.7 U	2.5 U	16.9 U
Dibromochloromethane	6.7 U	6.6 U	6.2 U	56.1 U	6.3 U	6.6 U	6.3 U	41.7 U
Ethanol	**434.7**	**52.9**	**22.7**	**121**	**105.8**	5.9 U	**26.5**	**115.3**
Trichlorofluoromethane	4.4 U	4.4 U	4.1 U	37.1 U	4.2 U	4.4 U	4.2 U	27.5 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-	6.1 U	6 U	5.6 U	50.6 U	5.7 U	6 U	5.7 U	37.6 U
Cryofluorane	5.5 U	5.5 U	5.1 U	46.1 U	5.2 U	5.5 U	5.2 U	34.3 U
Dichlorodifluoromethane	3.9 U	3.9 U	**3.7**	32.7 U	3.7 U	3.9 U	**3.8**	24.3 U
Heptane, n-	**4.9**	**11.5**	**5.3**	27.1 U	**3.4**	**3.4**	**7.4**	20.1 U
Hexachlorobutadiene	34.1 U	33 U	30.9 U	277.2 U	32 U	33 U	32 U	202.5 U
Hexane, n-	**7.4**	**10.2**	**6.7**	23.3 U	**3.9**	2.8 U	**7.4**	17.3 U
Methyl tert-butyl ether	2.8 U	**22.7**	2.6 U	23.8 U	2.7 U	2.8 U	2.7 U	17.6 U
Methylene chloride	2.7 U	2.7 U	2.5 U	22.9 U	2.6 U	2.7 U	2.6 U	17 U
Naphthalene	16.8 UJ	16.2 U	15.2 U	136.2 U	15.7 UJ	16.2 U	15.7 U	99.6 U
Styrene	3.4 U	**3.7**	3.1 U	28.1 U	3.2 U	3.3 U	3.2 U	20.9 U
Tetrachloroethene	5.4 U	**10.2**	**7.5**	44.7 U	5 U	5.3 U	**8.1**	**34.6**
Tetrahydrofuran	2.3 U	2.3 U	2.2 U	19.5 U	2.2 U	2.3 U	2.2 U	14.5 U
Trichloroethene	4.2 U	4.2 U	3.9 U	35.4 U	4 U	4.2 U	4 U	26.3 U
Vinyl chloride	2 U	2 U	1.9 U	16.9 U	1.9 U	2 U	1.9 U	12.5 U
2,2,4-Trimethylpentane	3.7 U	**15.9**	**560.4**	**7472**	3.5 U	3.6 U	**793.9**	**5604**
Allyl chloride	10 U	9.7 U	9.1 U	81.4 U	9.4 U	9.7 U	9.4 U	59.5 U
Isopropyl benzene	3.9 U	3.8 U	3.6 U	32.5 U	3.6 U	3.8 U	3.6 U	24.1 U
Propylbenzene, n-	3.9 U	**6.9**	3.6 U	32.5 U	3.6 U	3.8 U	3.6 U	24.1 U

Table 7
Soil Vapor Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Sample ID:	OU2 SG05	OU2SG05	OU2SG05Q1	OU2SG05Q2	OU2SG06	OU2SG06	OU2SG06Q1	OU2SG06Q2
Date Collected:	5/25/2005	8/31/2005	2/2/2006	6/15/2006	5/5/2005	8/30/2005	2/2/2006	6/14/2006
BTEX (ug/m3)								
Benzene	**5.4**	**10.2**	**5.4**	11.5 U	**6.4**	**8.9**	**7**	13.4 U
Toluene	**16.2**	**45.2**	**30.9**	**35.4**	**37.7**	**101.8**	**75.4**	**36.2**
Ethylbenzene	3.3 U	**11.3**	**6.9**	15.6 U	**8.2**	**29.9**	**16.5**	18.2 U
Xylene, m,p-	**10**	**47.7**	**14.8**	**27.8**	**31.2**	**125.9**	**60.8**	**19.1**
Xylene, o-	3.3 U	**16.5**	**4.8**	15.6 U	**10.8**	**42.1**	**14.8**	18.2 U
Other VOCs (ug/m3)								
Trichloroethane,1,1,1-	4.1 U	4.4 U	3.8 U	19.7 U	4 U	4 U	4 U	22.9 U
Tetrachloroethane,1,1,2,2-	5.2 U	5.5 U	4.8 U	24.7 U	5 U	5.1 U	5.1 U	28.9 U
Trichloroethane,1,1,2-	4.1 U	4.4 U	3.8 U	19.7 U	4 U	4 U	4 U	22.9 U
Dichloroethane,1,1-	3.1 U	3.2 U	2.8 U	14.6 U	3 U	3 U	3 U	17 U
Dichloroethene,1,1-	3 U	3.2 U	2.8 U	14.3 U	2.9 U	2.9 U	2.9 U	16.7 U
Trichlorobenzene,1,2,4-	22.3 U	23.7 U	20.8 U	103.9 U	21.5 U	22.3 U	22.3 U	126.1 U
Trimethylbenzene,1,2,4-	3.7 U	**15.7**	3.4 U	17.7 U	**8.9**	**47.2**	**8.4**	20.7 U
Dibromoethane,1,2-	5.8 U	6.2 U	5.4 U	27.7 U	5.6 U	5.7 U	5.7 U	32.3 U
Dichlorobenzene,1,2-	4.6 U	4.8 U	4.2 U	21.6 U	4.4 U	4.4 U	4.4 U	25.2 U
Dichloroethane,1,2-	3.1 U	3.2 U	2.8 U	14.6 U	3 U	3 U	3 U	17 U
Dichloropropane,1,2-	3.5 U	3.7 U	3.2 U	16.6 U	3.4 U	3.4 U	3.4 U	19.4 U
Trimethylbenzene,1,3,5-	3.7 U	**5.9**	3.4 UJ	17.7 U	3.6 U	**16.2**	3.6 UJ	20.7 U
Butadiene, 1,3-	1.7 U	**6**	**4**	8 U	**4.4**	1.6 U	**3.1**	9.3 U
Dichlorobenzene,1,3-	4.6 U	4.8 U	4.2 U	21.6 U	4.4 U	4.4 U	4.4 U	25.2 U
Dichlorobenzene,1,4-	4.6 U	4.8 U	4.2 U	21.6 U	4.4 U	4.4 U	4.4 U	25.2 U
Dioxane,1,4-	10.8 U	11.5 U	10.1 U	50.4 U	10.4 U	10.8 U	10.8 U	61.2 U
Dichloroethene, cis-1,2-	3 U	3.2 U	2.8 U	14.3 U	2.9 U	2.9 U	2.9 U	16.7 U
Dichloropropene, cis-1,3	3.5 U	3.6 U	3.2 U	16.3 U	3.3 U	3.4 U	3.4 U	19.1 U
Trans-1,2-dichloroethene	3 U	3.2 U	2.8 U	14.3 U	2.9 U	2.9 U	2.9 U	16.7 U
Dichloropropene, trans-1,3	3.5 U	3.6 U	3.2 U	16.3 U	3.3 U	3.4 U	3.4 U	19.1 U
Butanone,2-	**28**	**19.2**	**4.7 J**	**12.1**	**29.5**	**10**	**6.2 J**	**18.9**
Hexanone,2-	12.3 U	13.1 U	11.5 U	57.4 U	11.9 U	12.3 U	12.3 U	69.7 U
Propanol,2-	7.4 U	7.9 U	6.9 U	**91**	**16.2**	7.4 U	7.4 U	41.8 U
Ethyltoluene, p-	3.7 U	**16.7**	3.4 U	17.7 U	**9.3**	**54.1**	**11.3**	20.7 U
Methyl-2-pentanone,4-	3.1 U	3.3 U	2.9 U	14.8 U	3 U	3 U	3 U	17.2 U
Acetone	**180.9**	**178.5**	**33.3**	**261.8**	**833 EJ**	**202.3**	**71.4**	**452.2**
Benzyl chloride	3.9 U	4.1 UJ	3.6 U	18.6 U	3.8 U	3.8 UJ	3.8 U	21.8 U
Bromodichloromethane	5.1 U	5.4 U	4.7 U	24.1 U	4.9 U	5 U	5 U	28.1 U
Bromoform	7.9 U	8.3 U	7.2 U	37.2 U	7.5 U	7.7 U	7.7 U	43.4 U
Bromomethane	3 U	3.1 U	2.7 U	14 U	2.8 U	2.9 U	2.9 U	16.3 U
Carbon disulfide	2.4 U	**9.6**	**3.7**	11.2 U	**2.3**	2.3 U	2.3 U	13.1 U
Carbon tetrachloride	4.8 U	5 U	4.4 U	22.6 U	4.6 U	4.7 U	4.7 U	26.4 U
Chlorobenzene	3.5 U	3.7 U	3.2 U	16.6 U	3.4 U	3.4 U	3.4 U	19.4 U
Chloroethane	2 U	2.1 U	1.8 U	9.5 U	1.9 U	2 U	2 U	11.1 U
Chloroform	3.7 U	**8.8**	3.4 U	17.6 U	3.6 U	3.6 U	3.6 U	20.5 U
Chloromethane	6.2 U	6.6 U	5.8 U	29 U	6 U	6.2 U	6.2 U	35.2 U
Cyclohexane	**213.3**	2.8 U	2.4 U	12.4 U	2.5 U	**6.9**	2.5 U	14.4 U
Dibromochloromethane	6.5 U	6.8 U	5.9 U	30.6 U	6.2 U	6.3 U	6.3 U	35.7 U
Ethanol	**49.1**	**30.2**	**35.9**	**69.9**	**156.9**	**26.5**	**12.3**	**98.3**
Trichlorofluoromethane	4.3 U	4.5 U	3.9 U	20.2 U	4.1 U	4.2 U	4.2 U	23.6 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-	5.8 U	6.1 U	5.4 U	27.6 U	5.6 U	5.7 U	5.7 U	32.2 U
Cryofluorane	5.3 U	5.6 U	4.9 U	25.2 U	5.1 U	5.2 U	5.2 U	29.4 U
Dichlorodifluoromethane	3.8 U	4 U	3.5 U	17.8 U	3.6 U	3.7 U	3.7 U	20.8 U
Heptane, n-	**225.5**	**16.4**	**3.5**	14.8 U	**5.3**	**12.3**	3 U	17.2 U
Hexachlorobutadiene	32 U	34.1 U	29.8 U	149.2 U	30.9 U	32 U	32 U	181.2 U
Hexane, n-	**4.2 J**	**15.2**	**6.4**	12.7 U	**6.7**	**10.9**	**7.8**	14.8 U
Methyl tert-butyl ether	**3**	**4.3**	2.5 U	13 U	2.6 U	**23.8**	2.7 U	15.1 U
Methylene chloride	2.6 U	2.8 U	2.4 U	12.5 U	2.5 U	2.6 U	2.6 U	14.6 U
Naphthalene	15.7 U	16.8 U	14.7 U	73.4 U	15.2 UJ	15.7 U	15.7 U	89.1 U
Styrene	3.2 U	3.4 U	3 U	15.3 U	3.1 U	**4.1**	3.2 U	17.9 U
Tetrachloroethene	**32.5**	**5.9**	**5.4**	**27.8**	**5**	**12.2**	**16.3**	**32.5**
Tetrahydrofuran	2.2 U	2.4 U	2.1 U	10.6 U	2.2 U	2.2 U	**2.2 J**	12.4 U
Trichloroethene	4.1 U	4.3 U	3.8 U	19.3 U	3.9 U	4 U	4 U	22.6 U
Vinyl chloride	1.9 U	2 U	1.8 U	9.2 U	1.9 U	1.9 U	1.9 U	10.8 U
2,2,4-Trimethylpentane	3.5 U	**15.4**	**462.3**	**4109.6**	**3.5**	**15.4**	**980.7**	**5137**
Allyl chloride	9.4 U	10 U	8.8 U	43.8 U	9.1 U	9.4 U	9.4 U	53.2 U
Isopropyl benzene	3.7 U	3.9 U	3.4 U	17.7 U	3.6 U	**4.9**	3.6 U	20.7 U
Propylbenzene, n-	3.7 U	3.9 U	3.4 U	17.7 U	3.6 U	**10.8**	3.6 U	20.7 U

Table 7
Soil Vapor Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Sample ID: / Date Collected:	OU2 SG07 5/25/2005	OU2SG07 8/30/2005	OU2SG07Q1 2/1/2006	OU2SG07Q2 6/14/2006	OU2 SG08 5/25/2005	OU2SG08 8/31/2005	OU2SG08Q1 2/2/2006	OU2SG08Q2 6/15/2006
BTEX (ug/m3)								
Benzene	**4.5**	**6.7**	**13.4**	7.7 U	**5.1**	**5.4**	2.2 U	11.5 U
Toluene	**17**	**90.5**	**109.3**	**21.1**	**11.3**	**82.9**	**6**	**28.7**
Ethylbenzene	5.2 U	**24.7**	**21.3**	10.4 U	3 U	**24.7**	**4.8**	15.6 U
Xylene, m,p-	5.2 U	**104.2**	**65.1**	**14.8**	**4.8**	**95.5**	**4.8**	**15.6**
Xylene, o-	5.2 U	**36.5**	**14.3**	10.4 U	3 U	**35.2**	3 U	15.6 U
Other VOCs (ug/m3)								
Trichloroethane,1,1,1-	6.6 U	4.4 U	9.8 U	13.1 U	3.8 U	4.3 U	3.8 U	19.7 U
Tetrachloroethane,1,1,2,2-	8.2 U	5.5 U	12.4 U	16.5 U	4.8 U	5.4 U	4.8 U	24.7 U
Trichloroethane,1,1,2-	6.6 U	4.4 U	9.8 U	13.1 U	3.8 U	4.3 U	3.8 U	19.7 U
Dichloroethane,1,1-	4.9 U	3.2 U	7.3 U	9.7 U	2.8 U	3.2 U	2.8 U	14.6 U
Dichloroethene,1,1-	4.8 U	3.2 U	7.1 U	9.5 U	2.8 U	3.1 U	2.8 U	14.3 U
Trichlorobenzene,1,2,4-	36.4 U	23.7 U	53.4 U	72 U	20.8 U	23 U	20.8 U	103.9 U
Trimethylbenzene,1,2,4-	5.9 U	**40.3**	8.9 U	11.8 U	3.4 U	**29**	3.4 U	17.7 U
Dibromoethane,1,2-	9.2 U	6.2 U	13.8 U	18.5 U	5.4 U	6 U	5.4 U	27.7 U
Dichlorobenzene,1,2-	7.2 U	4.8 U	10.8 U	14.4 U	4.2 U	4.7 U	4.2 U	21.6 U
Dichloroethane,1,2-	4.9 U	3.2 U	7.3 U	9.7 U	2.8 U	3.2 U	2.8 U	14.6 U
Dichloropropane,1,2-	5.5 U	3.7 U	8.3 U	11.1 U	3.2 U	3.6 U	3.2 U	16.6 U
Trimethylbenzene,1,3,5-	5.9 U	**14.3**	8.9 U	11.8 U	3.4 U	**10.8**	3.4 UJ	17.7 U
Butadiene, 1,3-	2.7 U	**2.4**	4 U	5.3 U	1.5 U	**3.1**	1.5 U	8 U
Dichlorobenzene,1,3-	7.2 U	4.8 U	10.8 U	14.4 U	4.2 U	**36.1**	4.2 U	21.6 U
Dichlorobenzene,1,4-	7.2 U	4.8 U	10.8 U	14.4 U	4.2 U	4.7 U	4.2 U	21.6 U
Dioxane,1,4-	17.6 U	11.5 U	25.9 U	34.9 U	10.1 U	11.2 U	10.1 U	50.4 U
Dichloroethene, cis-1,2-	4.8 U	3.2 U	7.1 U	9.5 U	2.8 U	3.1 U	2.8 U	14.3 U
Dichloropropene, cis-1,3	5.4 U	3.6 U	8.2 U	10.9 U	3.2 U	3.5 U	3.2 U	16.3 U
Trans-1,2-dichloroethene	4.8 U	3.2 U	7.1 U	9.5 U	2.8 U	3.1 U	2.8 U	14.3 U
Dichloropropene, trans-1,3	5.4 U	3.6 U	8.2 U	10.9 U	3.2 U	3.5 U	3.2 U	16.3 U
Butanone,2-	**6.2**	**7.4**	**20.7**	**7.4**	**6.5**	**32.4**	2.1 U	**35.4**
Hexanone,2-	20.1 U	13.1 U	29.5 U	39.8 U	11.5 U	12.7 U	11.5 U	57.4 U
Propanol,2-	**36.9 J**	7.9 U	17.7 U	23.9 U	**7.1 J**	**713.4**	6.9 U	34.4 U
Ethyltoluene, p-	5.9 U	**42.8**	8.9 U	11.8 U	3.4 U	**31.5**	3.4 U	17.7 U
Methyl-2-pentanone,4-	4.9 U	3.3 U	7.4 U	9.8 U	2.9 U	**8.2**	2.9 U	14.8 U
Acetone	**130.9**	**261.8**	**135.7**	**192.8**	**57.1**	**285.6**	**10.5**	**523.6**
Benzyl chloride	6.2 U	4.1 UJ	9.3 U	12.4 U	3.6 U	4 UJ	3.6 U	18.6 U
Bromodichloromethane	8 U	5.4 U	12.1 U	16.1 U	4.7 U	5.2 U	4.7 U	24.1 U
Bromoform	12.4 U	8.3 U	18.6 U	24.8 U	7.2 U	8.1 U	7.2 U	37.2 U
Bromomethane	4.7 U	3.1 U	7 U	9.3 U	2.7 U	3 U	2.7 U	14 U
Carbon disulfide	3.7 U	**5.3**	**21.8**	**15.2**	**2.4**	**62.2**	2.2 U	**22.7**
Carbon tetrachloride	7.5 U	5 U	11.3 U	15.1 U	4.4 U	4.9 U	4.4 U	22.6 U
Chlorobenzene	5.5 U	3.7 U	8.3 U	11.1 U	3.2 U	3.6 U	3.2 U	16.6 U
Chloroethane	3.2 U	2.1 U	4.8 U	6.3 U	1.8 U	2.1 U	1.8 U	9.5 U
Chloroform	5.9 U	**9.8**	8.8 U	11.7 U	3.4 U	3.8 U	3.4 U	17.6 U
Chloromethane	10.1 U	6.6 U	14.9 U	20.1 U	5.8 U	6.4 U	5.8 U	29 U
Cyclohexane	**344**	**4.8**	6.2 U	8.3 U	**154.8**	**5.8**	2.4 U	12.4 U
Dibromochloromethane	10.2 U	6.8 U	15.3 U	20.4 U	5.9 U	6.6 U	5.9 U	30.6 U
Ethanol	**434.7**	**20.8**	**54.8**	18.3 U	**75.6**	**869.4 EJ**	**17.2**	**32.1**
Trichlorofluoromethane	6.7 U	4.5 U	10.1 U	13.5 U	3.9 U	4.4 U	3.9 U	20.2 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-	9.2 U	6.1 U	13.8 U	18.4 U	5.4 U	6 U	5.4 U	27.6 U
Cryofluorane	8.4 U	5.6 U	12.6 U	16.8 U	4.9 U	5.5 U	4.9 U	25.2 U
Dichlorodifluoromethane	**5.9**	4 U	8.9 U	11.9 U	3.5 U	3.9 U	3.5 U	17.8 U
Heptane, n-	**164**	**9.8**	**9**	9.8 U	**180.4**	**14.3**	2.9 U	14.8 U
Hexachlorobutadiene	52.2 U	34.1 U	76.8 U	103.4 U	29.8 U	33 U	29.8 U	149.2 U
Hexane, n-	**6.4 J**	**9.5**	**13.4**	8.5 U	**3.1 J**	**9.5**	2.5 U	12.7 U
Methyl tert-butyl ether	**6.8**	**15.1**	6.5 U	8.6 U	2.5 U	**17.3**	2.5 U	13 U
Methylene chloride	4.2 U	2.8 U	6.2 U	**55.5**	2.4 U	2.7 U	2.4 U	12.5 U
Naphthalene	25.7 U	16.8 U	37.7 U	50.8 U	14.7 U	16.2 U	14.7 U	73.4 U
Styrene	5.1 U	**4**	7.7 U	10.2 U	3 U	**4**	3 U	15.3 U
Tetrachloroethene	8.1 U	**29.2**	**27.8**	**23.1**	**14.9**	**19.7**	4.7 U	24.4 U
Tetrahydrofuran	3.5 U	2.4 U	5.3 U	7.1 U	2.1 U	**5.9**	2.1 U	10.6 U
Trichloroethene	**8.1**	4.3 U	9.7 U	12.9 U	3.8 U	4.2 U	3.8 U	19.3 U
Vinyl chloride	3.1 U	2 U	4.6 U	6.1 U	1.8 U	2 U	1.8 U	9.2 U
2,2,4-Trimethylpentane	5.6 U	**10.7**	**1774.6**	**2428.4**	3.3 U	**14.9**	**214.8**	**4389.8**
Allyl chloride	15.3 U	10 U	22.5 U	30.4 U	8.8 U	9.7 U	8.8 U	43.8 U
Isopropyl benzene	5.9 U	3.9 U	8.9 U	11.8 U	3.4 U	3.8 U	3.4 U	17.7 U
Propylbenzene, n-	5.9 U	**8.4**	8.9 U	11.8 U	3.4 U	**6.4**	3.4 U	17.7 U

Table 7
Soil Vapor Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Sample ID: / Date Collected:	OU2 SG09 5/25/2005	OU2SG09 8/31/2005	OU2SG09Q1 2/2/2006	OU2SG09Q2 6/15/2006	OU2 SG10 5/25/2005	OU2SG10 8/31/2005	OU2SG10Q1 2/2/2006	OU2SG10Q2 6/15/2006
BTEX (ug/m3)								
Benzene	2.2 U	**5.7**	**3.1**	10.2 U	**2.8**	**4.5**	**5.7**	**26.2**
Toluene	**10.6**	**82.9**	**14.3**	**37.7**	**18.5**	**64.1**	**37.7**	**52.8**
Ethylbenzene	3 U	**20.4**	**6.5**	13.9 U	3.6 U	**17.8**	**8.2**	23.4 U
Xylene, m,p-	**4.2**	**78.1**	**10.4**	**22.1**	**9.1**	**73.8**	**21.3**	**37.3**
Xylene, o-	3 U	**30.4**	**4.3**	13.9 U	3.6 U	**27.8**	**6.1**	23.4 U
Other VOCs (ug/m3)								
Trichloroethane,1,1,1-	3.8 U	4.3 U	4.1 U	17.5 U	4.6 U	4.6 U	3.8 U	29.5 U
Tetrachloroethane,1,1,2,2-	4.8 U	5.4 U	5.2 U	22 U	5.8 U	5.8 U	4.8 U	37.1 U
Trichloroethane,1,1,2-	3.8 U	4.3 U	4.1 U	17.5 U	4.6 U	4.6 U	3.8 U	29.5 U
Dichloroethane,1,1-	2.8 U	3.2 U	3.1 U	13 U	3.4 U	3.4 U	2.8 U	21.9 U
Dichloroethene,1,1-	2.8 U	3.1 U	3 U	12.7 U	3.3 U	3.3 U	2.8 U	21.4 U
Trichlorobenzene,1,2,4-	20.8 U	23.7 U	22.3 U	96.5 U	25.2 U	25.2 U	20.8 U	163.2 U
Trimethylbenzene,1,2,4-	3.4 U	**30**	3.7 U	15.7 U	4.1 U	**34.4**	3.4 U	26.6 U
Dibromoethane,1,2-	5.4 U	6.1 U	5.8 U	24.6 U	6.5 U	6.5 U	5.4 U	41.5 U
Dichlorobenzene,1,2-	4.2 U	4.7 U	4.6 U	19.2 U	5 U	5 U	4.2 U	32.5 U
Dichloroethane,1,2-	2.8 U	3.2 U	3.1 U	13 U	3.4 U	3.4 U	2.8 U	21.9 U
Dichloropropane,1,2-	3.2 U	3.6 U	3.5 U	14.8 U	3.9 U	3.9 U	3.2 U	24.9 U
Trimethylbenzene,1,3,5-	3.4 U	**10.8**	3.7 UJ	15.7 U	4.1 U	**11.8**	3.4 UJ	26.6 U
Butadiene, 1,3-	1.5 U	1.7 U	**2.7**	7.1 U	1.9 U	1.9 U	**7.3**	**15.7**
Dichlorobenzene,1,3-	4.2 U	**72.1**	4.6 U	19.2 U	5 U	5 U	4.2 U	32.5 U
Dichlorobenzene,1,4-	4.2 U	4.7 U	4.6 U	19.2 U	5 U	5 U	4.2 U	32.5 U
Dioxane,1,4-	10.1 U	11.5 U	10.8 U	46.8 U	12.2 U	12.2 U	10.1 U	79.2 U
Dichloroethene, cis-1,2-	2.8 U	3.1 U	3 U	12.7 U	3.3 U	3.3 U	2.8 U	21.4 U
Dichloropropene, cis-1,3	3.2 U	3.6 U	3.5 U	14.5 U	3.8 U	3.8 U	3.2 U	24.5 U
Trans-1,2-dichloroethene	2.8 U	3.1 U	3 U	12.7 U	3.3 U	3.3 U	2.8 U	21.4 U
Dichloropropene, trans-1,3	3.2 U	3.6 U	3.5 U	14.5 U	3.8 U	3.8 U	3.2 U	24.5 U
Butanone,2-	**4.4**	**22.7**	**5.6 J**	**20.4**	**8.9**	**14.2**	**5 J**	**79.6**
Hexanone,2-	11.5 U	13.1 U	12.3 U	53.3 U	13.9 U	13.9 U	11.5 U	90.2 U
Propanol,2-	**8.9 J**	**787.2 EJ**	7.4 U	32 U	8.4 U	8.4 U	6.9 U	**76.3**
Ethyltoluene, p-	3.4 U	**27.6**	3.7 U	15.7 U	4.1 U	**30.5**	3.4 U	26.6 U
Methyl-2-pentanone,4-	2.9 U	**7.4**	3.1 U	13.1 U	3.4 U	3.4 U	2.9 U	22.1 U
Acetone	**52.4**	**285.6**	**42.8**	**357**	**111.9**	**207.1**	**35.7**	**952**
Benzyl chloride	3.6 U	4.1 UJ	3.9 U	16.6 U	4.4 U	4.4 UJ	3.6 U	28 U
Bromodichloromethane	4.7 U	5.3 U	5.1 U	21.4 U	5.6 U	5.6 U	4.7 U	36.2 U
Bromoform	7.2 U	8.2 U	7.9 U	33.1 U	8.7 U	8.7 U	7.2 U	55.8 U
Bromomethane	2.7 U	3.1 U	3 U	12.4 U	3.3 U	3.3 U	2.7 U	21 U
Carbon disulfide	**2.8**	**3.4**	2.4 U	10 U	2.6 U	**5.6**	**3.1**	16.8 U
Carbon tetrachloride	4.4 U	5 U	4.8 U	20.1 U	5.3 U	5.3 U	4.4 U	34 U
Chlorobenzene	3.2 U	3.6 U	3.5 U	14.8 U	3.9 U	3.9 U	3.2 U	24.9 U
Chloroethane	1.8 U	2.1 U	2 U	8.4 U	2.2 U	2.2 U	1.8 U	14.3 U
Chloroform	3.4 U	3.9 U	3.7 U	15.6 U	4.1 U	**10.7**	3.4 U	26.4 U
Chloromethane	5.8 U	6.6 U	6.2 U	26.9 U	7 U	7 U	5.8 U	45.5 U
Cyclohexane	**130.7**	**5.8**	2.6 U	11 U	**271.8**	**3.4**	2.4 U	18.6 U
Dibromochloromethane	5.9 U	6.7 U	6.5 U	27.2 U	7.1 U	7.1 U	5.9 U	45.9 U
Ethanol	**96.4**	**831.6 EJ**	**20.8**	**52.9**	**75.6**	**34**	**35.9**	**92.6**
Trichlorofluoromethane	3.9 U	4.4 U	4.3 U	18 U	4.7 U	**16.3**	3.9 U	30.3 U
Trichloro-1,2,2-trifluoroethane, 1,1,2-	5.4 U	6.1 U	5.8 U	24.5 U	6.4 U	6.4 U	5.4 U	41.4 U
Cryofluorane	4.9 U	5.5 U	5.3 U	22.4 U	5.9 U	5.9 U	4.9 U	37.7 U
Dichlorodifluoromethane	3.5 U	3.9 U	3.8 U	15.8 U	4.2 U	**7.4**	3.5 U	26.7 U
Heptane, n-	**135.3**	**10.2**	3.1 U	13.1 U	**282.9**	**8.2**	2.9 U	22.1 U
Hexachlorobutadiene	29.8 U	34.1 U	32 U	138.6 U	36.2 U	36.2 U	29.8 U	234.5 U
Hexane, n-	2.5 U	**9.2**	2.7 U	11.3 U	**3.9 J**	**6.7**	**7.1**	19.1 U
Methyl tert-butyl ether	2.5 U	**21.6**	2.7 U	11.5 U	**4.3**	**9.7**	2.5 U	19.4 U
Methylene chloride	2.4 U	2.7 U	2.6 U	11.1 U	2.9 U	2.9 U	2.4 U	18.7 U
Naphthalene	14.7 U	16.8 U	15.7 U	68.1 U	17.8 U	17.8 U	14.7 U	115.3 U
Styrene	3 U	**4**	3.2 U	13.6 U	3.6 U	3.6 U	3 U	23 U
Tetrachloroethene	**10.2**	**29.8**	**5.2**	**29.2**	**41.4**	**6.8**	**7.5**	36.6 U
Tetrahydrofuran	2.1 U	**7.1**	2.2 U	9.4 U	2.5 U	2.5 U	2.1 U	15.9 U
Trichloroethene	3.8 U	4.2 U	4.1 U	17.2 U	4.5 U	4.5 U	3.8 U	29 U
Vinyl chloride	1.8 U	2 U	1.9 U	8.2 U	2.2 U	2.2 U	1.8 U	13.8 U
2,2,4-Trimethylpentane	3.3 U	**16.8**	**387.6**	**4016.2**	3.9 U	**7.9**	**793.9**	**6538**
Allyl chloride	8.8 U	10 U	9.4 U	40.7 U	10.6 U	10.6 U	8.8 U	68.9 U
Isopropyl benzene	3.4 U	3.9 U	3.7 U	15.7 U	4.1 U	4.1 U	3.4 U	26.6 U
Propylbenzene, n-	3.4 U	**5.4**	3.7 U	15.7 U	4.1 U	**6.4**	3.4 U	26.6 U

Table 7
Soil Vapor Analytical Data Summary
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Notes:

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes

VOCs - Volatile Organic Compounds

ug/m3 - micrograms per cubic meter

NE - Not Established

U - Not detected at or above the limit shown

UJ - Not detected at or above the limit shown, the limit shown is estimated

J - Estimated Value

EJ - Result value exceeds instrument calibration range (E) and is estimated (J)

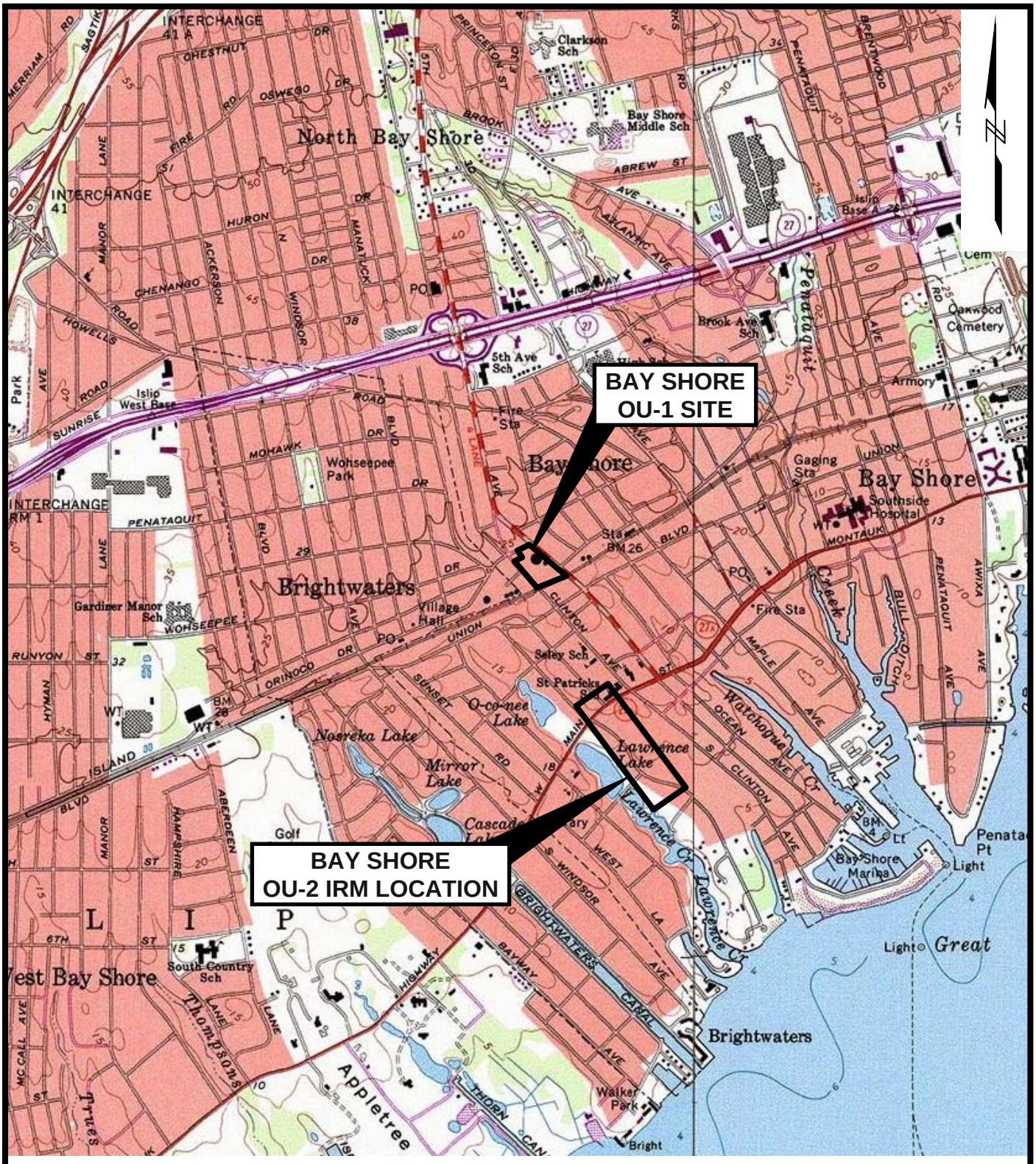
Bold indicates compound was detected in sample

Table 8
Islip Airport April-July Rainfall Totals from 1997-2006
Bay Shore/Brightwaters Former MGP Site
Operable Unit 2 (OU-2)
Bay Shore, New York

Date: Year	April Rainfall (inches)	May Rainfall (inches)	June Rainfall (inches)	July Rainfall (inches)	Total Rainfall (inches)
2006	7.29	4.42	5.34	5.44	22.49
2005	4.87	1.48	1.39	2.09	9.83
2004	5.76	2.69	1.24	0.98	10.67
2003	3.43	4.7	10.8	2.67	21.6
2002	3.85	3.28	3.53	1.12	11.78
2001	1.93	3.29	4.07	1.45	10.74
2000	No Data	2.5	1.27	3.89	7.66
1999	2.33	2.47	1.09	0.86	6.75
1998	3.12	6.07	4.15	1.08	14.42
1997	4.37	4.93	4.03	1.82	15.15
Monthly Average	4.11	3.58	3.69	2.14	13.11
1.5 * Standard Deviation	2.54	2.11	4.41	2.23	8.07
High Rainfall Level (Avg+1.5*SD)	6.64	5.69	8.10	4.37	21.17
2006 Variation from High Level	0.65	-1.27	-2.76	1.07	1.32

Notes:
1. Data from http://www.wunderground.com/history/airport/KISP/acessed 7/24/06.
2. July 2006 Rainfall Data is through 7/23/06 only.

Figures



SOURCE: Map created with TOPO! ® ©2001 National Geographic (www.nationalgeographic.com/topo)

0 2000 4000

SCALE, FEET

BAY SHORE/BRIGHTWATERS FORMER MGP SITE
BAY SHORE, NEW YORK

KEYSPAN CORPORATION

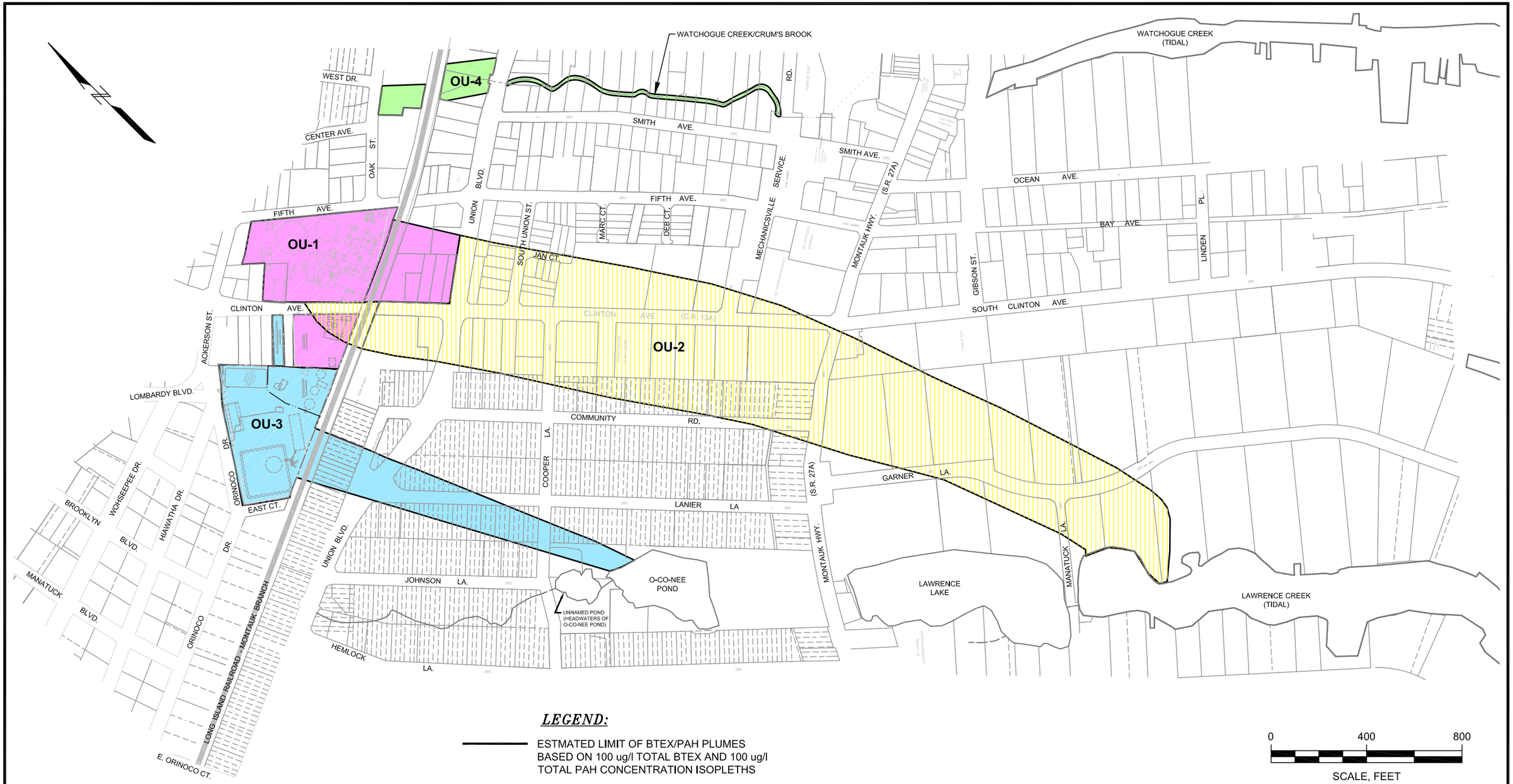
GEI Consultants

PROJECT 061140-10-1902

SITE LOCATION MAP

October 2006 Figure 1

GEI\KEYSPAN\BAY SHORE\OU2\IRM SUMMARY REPORT\BAY SHORE-OU2 LOCATION.PPT



LEGEND:

- ESTMATED LIMIT OF BTEX/PAH PLUMES BASED ON 100 ug/l TOTAL BTEX AND 100 ug/l TOTAL PAH CONCENTRATION ISOPLETHS
- OU-1 BAY SHORE SITE, BAY SHORE WEST PARCEL AND ADJACENT OFF-SITE
- OU-2 BAY SHORE GROUNDWATER PLUME
- OU-3 BRIGHTWATERS YARD AND BRIGHTWATERS GROUNDWATER PLUME
- OU-4 WATCHOGUE CREEK/CRUM'S BROOK (CESSPOOL, POND AND CREEK)

0 400 800

SCALE, FEET

SOURCE:
FIGURE 1, "OPERABLE UNIT DESIGNATIONS" DVIRKA AND BARTILUCCI, SCALE: 1"=400', DATED DECEMBER 27, 2002

BAY SHORE/BRIGHTWATERS FORMER MGP SITE
BAY SHORE, NEW YORK

KEYSPAN CORPORATION
NEW YORK

GEI Consultants

Project 061140-8-1707

GEOGRAPHICAL BOUNDARIES OF THE OPERABLE UNIT DESIGNATIONS

October 2006 Figure 2

KEYSPAN\BAY SHORE\OU2\IRM SUMMARY REPORT\BAY SHORE OU2-OU Designations.dwg

SOUTH CLINTON AVENUE

GM-03S,I,D

ST. PATRICK'S CHURCH

ST. PATRICK'S CHURCH AT THE VILLAGE OF PENATAQUIT

COMMUNITY ROAD

LANIER LANE

MONTAUK HIGHWAY

(S.R. 27A)

GARNER LANE

MANATUCK LANE

OU2-SG05

OU2-SG10

OU2-SG07

OU2-SG03

OU2-SG04

OU2-SG01

OU2-SG02

OU2-SG06

OU2-SG08

OU2-SG09

BBMW-25S,I,D

BBMW-07S,I,D

BBMW-03S,I,D

BBSW-06

OU2MW-1 S,I,I2,D

OU2MW-2 S,I,I2,D

OU2MW-3 S,I,I2,D

OU2MW-4 S,I,I2,D

OU2MW-5

OU2MW-6

OU2MW-7

OU2MW-8 S,I,I2,D

OU2MW-9

GMP-01

GMP-02

GMP-04

GM-05S,I,D

1.4A(c)

1.8A(c)

1.4A(c)

TOWN OF ISLIP

1.5A(c)

2.3A(c)

1.9A(c)

2.1A(c)

2.9A(c)

2.5A(c)

2.7A(c)

2.8A(c)

2.0A(c)

4.8A(c)

1.2A(c)

2.2A(c)

APPROXIMATE WELL AND TRENCH LOCATIONS

APPROXIMATE TRENCH LOCATION

APPROXIMATE SHED LOCATION

UTILITY TRENCH

VAULT TERMINATING IN 3 ADDITIONAL LINES

0 120 240

SCALE, FEET

LEGEND

- 1 — APPROXIMATE INJECTION WELL LOCATION
- OU2MW-1 S,I,I2,D — APPROXIMATE MONITORING WELL LOCATION
- GM-03S,I,D / BBMW-03S,I,D — EXISTING MONITORING WELL CLUSTER LOCATION
- BBSW-06 — EXISTING SURFACE WATER SAMPLE LOCATION
- OU2-SG02 — APPROXIMATE SOIL GAS SAMPLING LOCATION
- ESTMATED LIMIT OF BTEX/PAH PLUMES BASED ON 100 ug/L TOTAL BTEX AND 100 ug/L TOTAL PAH CONCENTRATION ISOPLETHS

SOURCE:

FIGURE 1, "OPERABLE UNIT DESIGNATIONS" DVIRKA AND BARTILUCCI, SCALE: 1"=400', DATED DECEMBER 27, 2002

BAY SHORE/BRIGHTWATERS FORMER MGP SITE
BAY SHORE, NEW YORK

KEYSPAN CORPORATION

GEI Consultants

Project 061140-10-1902

OXYGEN INJECTION SYSTEM, SOIL VAPOR, AND MONITORING WELL LOCATIONS

October 2006 Figure 3

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