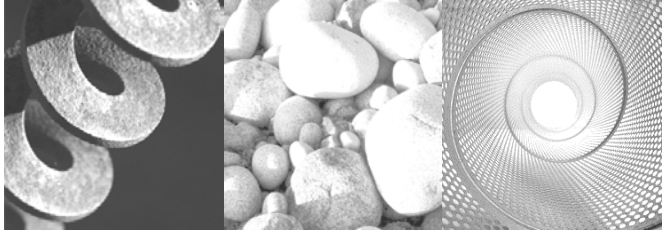

GEI Consultants

Consulting
Engineers and
Scientists

2016/2017 Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report

Bay Shore/Brightwaters
Former MGP Site

Town of Islip
NYSDEC Consent Index No. D1-0001-98-11

Submitted to:
National Grid USA
175 East Old Country Road
Hicksville, NY 11801

Submitted by:
GEI Consultants, Inc., P.C.
110 Walt Whitman Road
Huntington Station, NY 11746
631.760.9300

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Project 093180-5-1506

Christopher Morris
Project Manager

Errol S. Kitt
Vice President

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Executive Summary

This report presents the 2016/2017 annual groundwater monitoring (GM) and operations, maintenance and monitoring (OM&M) activities and results for the Bay Shore/Brightwaters former manufactured gas plant (MGP) site located in Bay Shore, Suffolk County, New York. GM and OM&M activities include monitoring groundwater, soil vapor, and ambient air, as well as maintenance and monitoring of the dense non-aqueous phase liquid (DNAPL) recovery and groundwater treatment systems. The period for this report includes Third Quarter (Q3) 2016 through Second Quarter (Q2) 2017.

Quarterly monitoring reports for the site had been prepared and submitted to the agencies and provided to the public since the initial site remediation report was prepared in 2004 through Q2 2012. Reductions to the reporting frequency, the long-term groundwater and soil vapor monitoring programs, as well as the establishment of remediation system shutdown criteria, were approved by the New York State Department of Environmental Conservation (NYSDEC) in a letter dated August 22, 2012. The specific objectives included:

- Provide criteria for future reductions in groundwater sampling based on analytical results,
- Provide analytical requirements for monitoring groundwater,
- Provide criteria for shutdown and removal of groundwater treatment systems,
- Reduce soil vapor sampling, and
- Reduce the frequency of the quarterly OM&M reporting cycle to annual.

Implementation of the reduction program began in Fourth Quarter (Q4) 2012.

Remedial Program

Non-Aqueous Phase Liquid (NAPL) Gauging and Recovery

Light non-aqueous phase liquid (LNAPL) was present in one monitoring well, OZMW-21S, in Operable Unit 1 (OU-1), gauged during the current annual monitoring period (Q3 2016 through Q2 2017). The thickness ranged from trace quantities to 2.20 feet, which represents the maximum thickness recorded during the historical monitoring period. Trace amounts of LNAPL were first observed in the central section of OU-1 in one monitoring well in First Quarter (Q1) 2010. DNAPL was observed in monitoring wells in the same area and further south in OU-1 during the past year at a maximum thickness of over 7 feet. DNAPL thicknesses in wells with measurable quantities have been relatively stable during the past year. DNAPL has historically been gauged and recovered from OU-1 since Q1 2006. Over the past year, approximately

37 gallons of DNAPL were recovered from recovery well BBRW-02, located in the vicinity of maximum product thicknesses.

Groundwater Treatment

The constituents of concern (COCs) in site groundwater consist of benzene, toluene, ethylbenzene and xylene (BTEX) and polycyclic aromatic hydrocarbons (PAHs), primarily naphthalene and 2-methylnaphthalene. Groundwater remediation systems have been installed to treat the impacted groundwater. An ozone injection system was installed in OU-1 to reduce concentrations of COCs as they pass through the perforated section of the subsurface containment barrier wall and into Operable Unit 2 (OU-2). Ten oxygen injection systems were installed to treat impacted groundwater in OU-1, OU-2, and Operable Unit 3 (OU-3). These systems are maintained monthly. Operational parameters are adjusted to optimally treat groundwater. These systems have been effective in reducing the COCs in groundwater, as discussed below.

As a result of the remedial efforts and in accordance with the NYSDEC-approved remedial system shutdown criteria, two oxygen injection systems were shut down in March 2015. Groundwater concentrations in the vicinity of these systems have been monitored for any rebound. No rebound in total BTEX or total PAH concentrations was observed in the sampling events following the shutdown of the two systems. One of these systems was removed with NYSDEC approval in June 2017. A request to remove the other inactive system has been approved by NYSDEC.

Hydrogeologic Setting

The hydrogeologic regime in the vicinity of the site includes glacial deposits comprising the Upper Glacial aquifer. These deposits consist mainly of inter-bedded layers of permeable sand and gravel, and intermittent less permeable layers of silty sand. The thickness of these deposits is approximately 70 feet.

Groundwater elevation monitoring is conducted annually to aid in monitoring the groundwater plumes and to confirm groundwater flow patterns. The depth to groundwater at the site is shallow, generally between approximately 2 and 12 feet below ground surface (bgs). The groundwater flow direction throughout the site is generally towards the south/southeast. The Q2 2017 groundwater elevations are slightly above the average groundwater levels measured over the past 10 years.

Groundwater Quality

The groundwater quality data indicate that remedial activities have largely been successful at reducing the overall concentrations of COCs in groundwater.

Concentrations of COCs in groundwater in OU-1, OU-2, and OU-3 have been significantly reduced since the implementation of remedial activities. The groundwater treatment systems have been effective at reducing the area and concentrations of impacted groundwater in OU-1, OU-2, and OU-3. In areas where elevated concentrations have persisted, additional remedial measures have been taken. These measures have included the installation of additional oxygen injection systems, or the modification of current systems to focus treatment on the zones with residual impacts and the targeted injection of Oxygen Release Compound – Advanced (ORC-A), where appropriate. Concentrations have lingered in two areas in OU-2 (upgradient shallow area [BBMW-23S area], and the deep zone beginning immediately downgradient of the barrier wall). Concentrations in BBMW-23S had been decreasing and were below 100 micrograms per liter (µg/L) for total BTEX and total PAHs during Q1 2017 prior to rebounding in Q2 2017. Preliminary Q3 2017 concentrations indicate that the previous decreasing trend may be resuming. In the deep zone immediately downgradient of the barrier wall, the elevated concentrations, consisting primarily of total PAHs have been decreasing, but remain elevated. Farther downgradient, decreasing trends are evident in two of the three wells with elevated detections, but concentrations have remained relatively stable in the other well. Additional remedial measures will continue to be evaluated for these and any other areas, as appropriate.

For OU-3, following the remedial excavations (Phases I, II, and III), and subsequent treatment system installations and modifications, significant reductions to the shallow and intermediate zone concentrations within and downgradient of the Long Island Rail Road (LIRR) right-of-way (ROW) have been evident. Impacts in the area downgradient of Community Road have been eliminated. Limited impacts, primarily BTEX, remain in select wells in the Brightwaters Yard.

The available groundwater data indicate the area of impacted groundwater in Operable Unit 4 (OU-4) during Q2 2017 is slightly larger than it was prior to the completion of Surfactant-Enhanced In-Situ Chemical Oxidation (S-ISCO) injection, which was initiated in Q2 2009 and completed in Q4 2009. Decreasing concentration trends are evident in some shallow and intermediate zone wells. However, impacts above 100 µg/L have persisted in several intermediate wells screened below the vertical excavation extent and in several shallow wells which are located outside, west, of the excavation extent. Access restrictions have prevented the wells located to the west from being sampled during recent sampling events. No impacts have been present in the deep zone. The majority of the OU-4 Excavation IRM consisted of shallow soil excavation (approximately 10 feet bgs) and was performed in Q2 and Q3 2011.

Future Plans

The GM and OM&M schedule will continue to be evaluated on a quarterly basis to keep the groundwater treatment systems operating as efficiently as possible. Rationale for sampling groundwater will also continue to be evaluated on a quarterly basis. Proposed modifications or plans to system OM&M and site monitoring are presented below.

NAPL Gauging and Recovery

- Continue gauging NAPL on a quarterly basis.
- Evaluate recovery from several wells in the southern portion of OU-1 with increasing thicknesses of DNAPL.

Ozone Groundwater Treatment System

- Continue operation and maintenance of the ozone groundwater treatment system.
- Continue to implement the long-term sampling plan for groundwater.
- Based on the data collected to date, request to modify the treatment system to remove the soil vapor extraction (SVE) system and reduce the soil vapor and ambient air monitoring to quarterly.

Current Oxygen Injection Systems

- Continue operation and maintenance of the oxygen injection systems.
- Remove 29 Community Road oxygen injection system with NYSDEC approval.
- The modification or shutdown of existing systems will continue to be evaluated, as appropriate.
- Continue quarterly groundwater monitoring.

Short-term Groundwater Monitoring

- Continue evaluation of the groundwater impacts in OU-1 and OU-2, in the vicinity and immediately downgradient of the barrier wall, primarily in the shallow and deep zones.
- The groundwater concentrations in the shallow and intermediate zones in OU-3, in the Brightwaters Yard will continue to be evaluated.
- Continue quarterly gauging and sampling of the reduced groundwater monitoring network.
- Continue to sample for sulfate at and downgradient of monitoring wells that exceed the NYS AWQS criteria for Class GA groundwater.

Remedial Activity

Operable Unit 1

- The southern, downgradient line of the 60/66 North Clinton Avenue oxygen injection system was replaced by a new treatment line on the northern, upgradient property boundary and additional injections wells were recently added across North Clinton Boulevard both behind and in front of the barrier wall. A request will be submitted to

NYSDEC to abandon the remaining injection wells in the southern line of the 60/66 North Clinton Avenue oxygen injection system.

- Construction of a new building has been proposed on the Bay Shore West parcel. Any required soil remediation to accommodate construction will be conducted in accordance with the Draft Site Management Plan.

Operable Unit 2

- Remove the 29 Community Road oxygen injection system with NYSDEC approval.

Operable Unit 3

- Supplemental groundwater treatment (potential ORC-A application) will be evaluated to address groundwater impacts in the Brightwaters Yard if further reductions in BTEX concentrations are not observed.

Operable Unit 4

- None.

Long-term Monitoring

- Continue following the NYSDEC-approved long-term site monitoring program.

1. Introduction

This report presents the 2016/2017 Annual groundwater monitoring (GM) and operations, maintenance and monitoring (OM&M) activities for the Bay Shore/Brightwaters former manufactured gas plant (MGP) site located in Bay Shore, Suffolk County, New York. The period for this report includes Third Quarter (Q3) 2016 through Second Quarter (Q2) 2017. This report has been prepared in accordance with the requirements of Section 6 of Division of Environmental Remediation (DER)-10, Technical Guidance for Site Investigation and Remediation, and the Order on Consent, Index No. D1-0001-98-11, between National Grid Corporation and the New York State Department of Environmental Conservation (NYSDEC).

Quarterly monitoring reports for the site have been prepared and submitted to the regulatory agencies and provided to the public since the initial site remediation report was prepared in 2004 through Q2 2012. Modification of the reporting frequency from quarterly to annual was approved by the NYSDEC in their letter dated August 22, 2012. The GM and OM&M data continues to be evaluated and submitted to the regulatory agencies on a quarterly basis; however, the data is interpreted for distribution annually.

Along with the requested reduction to the reporting frequency for the site, reductions to the long-term groundwater and soil vapor monitoring programs, as well as the establishment of remediation system shutdown criteria, were also approved by NYSDEC. The specific objectives included:

- Criteria for future reductions in groundwater sampling based on analytical results,
- Analytical requirements for monitoring groundwater,
- Criteria for shutdown and removal of groundwater treatment systems,
- Reduction of soil vapor sampling, and
- Reduction of the frequency of the quarterly OM&M reporting cycle to annual.

The NYSDEC-approved criteria for the groundwater monitoring program for the Bay Shore/ Brightwaters site are summarized as follows:

- Monitoring wells which meet ambient groundwater quality standards for Class GA groundwater for individual benzene, toluene, ethylbenzene and xylene (BTEX) and polycyclic aromatic hydrocarbons (PAHs) compounds for four consecutive quarters can be reduced to annual sampling.
- For compounds with standards less than the analytical detection limits, individual BTEX or PAH compound concentrations must be reduced below detection limits for four consecutive quarters before annual sampling can be instituted.

- Monitoring wells that meet the above criteria for two consecutive years of annual sampling will be removed from the monitoring network.
- Quarterly sampling will resume at any wells where concentrations greater than 50 micrograms per liter (µg/L) of total BTEX or total PAHs are detected in annual sampling.
- Select monitoring wells associated with the ozone or oxygen injection treatment systems will continue to be monitored at least quarterly to evaluate system performance.
- A proposal to shut down an oxygen system may be considered when the groundwater quality of all monitoring wells located upgradient, as far as the next treatment system, and immediately downgradient of a treatment system, meet the sample reduction criteria noted above.
- A treatment system will be placed back into operation if the total BTEX or total PAH concentrations found in either upgradient or downgradient wells exceed 50 µg/L during any of the four quarterly sampling events.

Implementation of the monitoring reductions was initiated in Fourth Quarter (Q4) 2012. For this past annual monitoring period, the quarterly groundwater sampling list has been reduced by approximately 68% from the pre-reduction sampling list. Approximately 64% of the wells on the pre-reduction sampling list have been eliminated from the sampling. The sample list is re-evaluated quarterly following the receipt of the most recent analytical results. Annual sampling is conducted during the second quarter of each year. Excluding samples related to the operation and maintenance of the ozone injection system, soil vapor sampling was eliminated. A groundwater monitoring well tracking summary is provided in **Appendix A** for the quarterly sampling events included in this report (Q3 2016 through Q2 2017).

In 2003, the site was divided into four operable units (OUs) to more effectively manage investigation and remediation activities. The four OUs are shown on **Figure 1**. The groundwater monitoring results for all four OUs have been included in this report to present an overall picture of trends in groundwater quality. The groundwater trend analysis includes discussion of the effectiveness of the remedial activities which affect groundwater quality in the Upper Glacial aquifer.

GM and OM&M activities include monitoring groundwater, soil vapor, and ambient air, as well as maintenance and monitoring of the dense non-aqueous phase liquid (DNAPL) recovery and groundwater treatment systems. GM and OM&M results are presented in the following sections of the report:

- Section 2 – Remediation Systems
- Section 3 – Hydrogeologic Setting
- Section 4 – Groundwater Quality
- Section 5 – Future Plans

1.1 Background

The former MGP operations began in the late 1880s and continued into the 1970s. The remaining above-ground MGP facilities were demolished in 1973. Various remedial investigation activities have been completed at the site. The results of the investigations and discussion of the site history are presented in the Remedial Investigation Report (RIR) (Dvirka and Bartilucci Consulting Engineers [D&B], 2002) and the Final Remedial Investigation Report (D&B, 2003).

A Final Remedial Action Plan (RAP) for Operable Unit 1 (OU-1) was approved by the NYSDEC on August 9, 2004. The remedy currently being implemented at OU-1 is detailed in a document titled "Final Remedial Action Plan, Bay Shore Former MGP Site – Operable Unit-1, Bay Shore, New York" (Final RAP) prepared by GEI Consultants, Inc., P.C. (GEI) and dated August 2004. In addition to the remedial activities specified in the Final RAP, several interim remedial measures (IRMs) have been conducted since 1999 in OU-1, OU-2, OU-3, and OU-4. A summary of remedial activities conducted for each OU is presented below. These activities are presented by OU on **Figure 2**.

1.1.1 Operable Unit 1 (OU-1)

OU-1 consists of the Bay Shore site, formerly the main operations area of the MGP, as well as properties immediately south of the site which are currently owned by National Grid. **Table 1a,** below, summarizes the remedial actions, IRMs, and pilot studies that have been performed in OU-1.

Table 1a – Summary of OU-1 Remedial Activity

Date	OU-1 Remedial Activity	Comment
2004	In-Situ Chemical Oxidation (ISCO) Pilot Studies	Three pilot studies were conducted using Activated Persulfate, Modified Fenton's Reagent and Activated Fenton's Reagent (GEI, 2005).
2006-Present	DNAPL Recovery	A DNAPL recovery system was installed in the offsite area south of the Long Island Rail Road (LIRR) and was implemented as a portion of the Phase I Remedial Activities performed for implementation of the Final RAP (GEI, 2004a) and documented in the DNAPL Pump Test Letter Report (KeySpan, 2006).
2006	Surfactant-Enhanced In-Situ Chemical Oxidation (S-ISCO) Pilot Study	A pilot study was conducted using a surfactant to solubilize MGP-related impacts and Sodium Persulfate to oxidize those impacts (GEI, 2007a).
February-April 2007	OU-1 Southern Cell Excavation	The southern cell excavation was included in Phase I of the OU-1 remedy performed in accordance with the Final RAP. The results are provided in the Phase I and Phase II Remedial Activities, OU-1 Bay Shore Former MGP site, Final Completion Report (Paulus, Sokolowski and Sartor Engineering, PC [PS&S], 2009).
April 2007-May 2008	Subsurface Barrier Wall Installation	The barrier was installed as part of Phase I of the OU-1 remedy performed in accordance with the Final RAP. The final construction details are presented in the Final Completion Report (PS&S, 2009).
February 2008	Oxygen Injection System	An oxygen injection system was installed along the downgradient edge of OU-1 as an IRM to treat groundwater at the perforated portion of the subsurface barrier wall until startup of the full-scale groundwater treatment system was completed (KeySpan, 2007).
August 2007-August 2008	OU-1 Excavation North of the LIRR	The excavation north of the LIRR in OU-1 was performed as Phase II of the OU-1 remedy in accordance with the Final RAP. The final construction details are provided in the Final Completion Report (PS&S, 2009).

Date	OU-1 Remedial Activity	Comment
October 2009	Ozone Groundwater Treatment System	The installation of the ozone injection groundwater treatment system was performed as Phase IA of the OU-1 remedy (GEI, 2009b) in accordance with the Final RAP (GEI, 2004a).
March-April 2009	66 North Clinton Avenue Excavation	Shallow MGP-impacted soils located outside of the subsurface barrier wall in the western fringe area were removed to approximately 10 feet below ground surface (bgs) as part of Phase IV of the OU-1 remedy (GEI, 2010a) in accordance with the Final RAP (GEI, 2004a).
January 2010	60/66 North Clinton Avenue Oxygen Injection System	The system was installed as part of Phase IV of the OU-1 remedy to treat groundwater west of the barrier wall (GEI, 2010a).
June 2011	OU-1 Oxygen Injection System Extension	The OU-1 Union Boulevard system was extended in accordance with the OU-2 Remedial Design Document (GEI, 2009a) to treat impacted groundwater east of the subsurface barrier wall.
August-2011	TarGOST® Study	This investigation was performed to delineate potential recoverable non-aqueous phase liquid (NAPL) in OU-1, North and South of the LIRR in order to locate additional recovery wells.
October 2011	Recovery Well Installations (19 temporary & 1 permanent)	These wells were installed following a TarGOST® study. Following DNAPL gauging, bailing and recovery rate testing of wells with measurable DNAPL, one additional permanent recovery well installed.
February 2012	Temporary Recovery Well Abandonment and Recovery Well Installation	The temporary recovery wells with no measurable level of NAPL were abandoned and one permanent recovery well was installed.
October 2013	OU-1 North Oxygen Injection System Installation	Installed to treat impacted groundwater in the eastern portion of OU-1.
October 2013	Oxygen Injection System Modifications	The Union Boulevard oxygen injection system was modified to treat lingering impacts in the area. The 60/66 North Clinton Avenue oxygen injection system was relocated to the northern property boundary to facilitate potential redevelopment of the property. The southern portion of the treatment line was kept active to ensure no gaps in groundwater treatment. The system was also modified to treat groundwater impacts inside of the western portion of the subsurface barrier wall.
June 2015	Oxygen Injection System Modifications	The Union Boulevard oxygen injection system was modified to include treatment both upgradient and downgradient of the barrier wall beneath North Clinton Avenue. Additional deep injection wells were also added to the system upgradient of the deep impacts identified in the area. Construction was completed in July 2015.

1.1.2 Operable Unit 2 (OU-2)

OU-2 consists of the groundwater plume which extends south/southeast from OU-1. The NYSDEC issued a Voluntary Cleanup Program Decision Document for OU-2 in July of 2008. This document specified the installation of a minimum of three oxygen injection systems as the selected remedy for OU-2. A summary of the system installation and IRMs completed in OU-2 is presented in **Table 1b**, below.

Table 1b – Summary of OU-2 Remedial Activity

Date	OU-2 Remedial Activity	Comment
December-2005	Oxygen Injection IRM	The Garner Lane oxygen injection system treats groundwater prior to discharge to Lawrence Creek. The system is comprised of two injection lines located along Montauk Highway and at the intersection of Manatuck Lane and Garner Lane (GEI, 2006).
May-July 2007	Hydrologic Study	An investigation to further evaluate groundwater conditions in the vicinity of the Garner Lane oxygen Injection system and to validate the observed decreases in MGP related contaminants in groundwater in the vicinity of the Montauk Highway and Manatuck Lane treatment lines (GEI, 2007b).
January-November-2009	Groundwater Treatment Remedy (Installation and operation of the 9 North Clinton Avenue, 33 North Clinton Avenue, 34 North Clinton Avenue, Plume Tail and Cooper Lane oxygen injection systems/treatment lines)	In accordance with the Voluntary Clean-up Program Decision Document (NYSDEC, 2008) and the OU-2 Remedial Design Document (GEI, 2009a), three additional groundwater treatment systems utilizing the oxygen injection technology were installed within the OU-2 groundwater plume (GEI, 2010d).
June 2011	Additional Oxygen Injection System Installation (29 Community Road Oxygen Injection System)	The 29 Community Road oxygen injection system treats impacted groundwater along the western extent of OU-2. The system was installed as an addendum to the OU-2 Remedial Design Document (GEI, 2009a).
October 2013	Oxygen Injection System Modifications	The 33 North Clinton Avenue and Montauk Highway oxygen injection systems were modified to target remaining impacted zones.
November 2013	Oxygen Release Compound - Advanced (ORC-A) Injection Program	A targeted ORC-A injection program was conducted to treat impacts downgradient of the subsurface barrier wall.

1.1.3 Operable Unit 3 (OU-3)

OU-3 consists of the Brightwaters Yard, which is currently owned by National Grid, and the groundwater plume that extends south/southeast from the Brightwaters Yard. A summary of the IRMs completed in OU-3 is presented in **Table 1c**, below.

Table 1c – Summary of OU-3 Remedial Activity

Date	OU-3 Remedial Activity	Comment
2000	Groundwater Treatment IRM	An oxygen injection system was installed at the intersection of Union Boulevard and Lanier Lane to reduce the concentrations of MGP-related contaminants in groundwater prior to discharge into O-Co-Nee Pond (Foster Wheeler Environmental Corporation [FW], 2000).
May 2001, September 2001-October 2004	ISCO IRMs	Three rounds of ISCO by In-Situ Oxidative Technologies, Inc. (ISOTEC) were used to treat the Brightwaters Yard groundwater plume source area (FW, 2000).
May-July 2004	Excavation IRM	A source area excavation was effective in removing 1,500 tons of source contaminated soils (PS&S, 2005).
2004	Groundwater Treatment IRM	The Brightwaters Yard oxygen injection system was installed to reduce the concentrations of MGP-related contaminants in groundwater leaving the OU-3 site boundary (PS&S, 2004).
2008	Storm Sewer Rehabilitation IRM	Sections of the storm water collection network located within OU-3 were rehabilitated. This included the replacement of catch basins and the cured in-place lining of drainage piping (GEI, 2010b)
July 2009	Brightwaters Yard Oxygen Injection System Abandonment	The Brightwaters Yard system was abandoned in support of the LIRR Excavation IRM (National Grid, 2010).

Date	OU-3 Remedial Activity	Comment
February 2010 (Phase I completed) July 2010 (Phase II completed) September 2010 (Phase III completed)	LIRR Excavation/Temporary Track Relocation IRM	Source material was removed from the OU-3 Brightwaters Yard and under the adjacent LIRR property (GEI, 2012c).
April 2010	Community Road Oxygen Injection Line	This treatment line was installed to replace the OU-3 Union Boulevard oxygen injection system (GEI, 2010a).
July 2010	OU-3 Union Boulevard Oxygen Injection System Abandonment	The system was abandoned to limit the amount of remedial equipment within the community. The Community Road oxygen injection line was installed to replace this system (National Grid, 2010).
March 2012	OU-3 Community Road Oxygen Injection Line Reconfiguration	This treatment line was reconfigured to optimize the treatment of impacted groundwater in OU-3 (National Grid, 2011).
March 2013/August 2013/January 2015	ORC-Advanced Injection Program	A targeted ORC-A injection program was conducted to treat downgradient impacts (National Grid, 2013).
September 2013	87 Community Road Oxygen Injection System Installation	Installed to treat impacted groundwater in OU-3, south of the LIRR right-of-way (ROW). (GEI 2016)
July 2015	87 Community Road Oxygen Injection System Expansion	Additional injection wells within the LIRR excavation sheeting cells were added to the 87 Community Road oxygen injection system. The system modification was completed in July 2015. (GEI 2016)

1.1.4 Operable Unit 4 (OU-4)

OU-4 consists of a former cesspool area, former pond area, and the headwaters of Watchogue Creek/Crum's Brook, located approximately 400 feet east of the Bay Shore site. A summary of the IRMs completed in OU-4 is presented in **Table 1d**, below.

Table 1d – Summary of OU-4 Remedial Activity

Date	OU-4 Remedial Activity	Comment
2000	Restoration of Watchogue Creek/Crum's Brook	Sediments were removed and the channel was restored (FW, 2002).
November 2005	Cesspool Excavation IRM	The former cesspool shallow impacted soils (vadose zone soils) were removed and treated offsite as part of an IRM (GEI, 2010c).
April-December 2009	Surfactant Enhanced In-Situ Chemical Oxidation (S-ISCO) IRM	S-ISCO was implemented in accordance with the NYSDEC-approved OU-4 Cesspool Area S-ISCO Work Plan (VeruTEK, 2008) and associated addendums (GEI 2013)
April-August 2011	Cesspool Area and Pond Area Excavation IRM	Mobilization and initiation of the OU-4 Upgradient Excavation was completed in Q1 2011, monitoring well abandonment and the Cesspool Area excavation were completed July 2011, and Pond Area excavation completed August 2011 (GEI 2013).

2. Remediation Systems

Groundwater remedial systems currently in operation at the site include DNAPL recovery, a combined ozone injection and soil vapor extraction (SVE) system, and eight oxygen injection systems. Two oxygen injection systems (29 Community Road and Plume Tail) were shut down on March 26, 2015, in accordance with the NYSDEC-approved remediation system shutdown criteria. The Plume Tail system was removed from the Site in June 2017. A request to remove the 29 Community Road system was recently approved by NYSDEC. A description of each system, the quarter's monitoring activities, and operational data are presented in the sections below. The location of all remedial activities performed at the site is provided on **Figure 2**.

2.1 OU-1 DNAPL Recovery System and NAPL Monitoring

2.1.1 Program Scope and Purpose

A DNAPL recovery system was installed at recovery well BBRW-02 in January 2006. The location of BBRW-02 is shown on **Figure 1**. The DNAPL recovery system consists of a Blackhawk Electric Anchor Piston Pump which pumps DNAPL from BBRW-02 and discharges it to a United States Department of Transportation/United Nations approved 55- gallon steel drum. The DNAPL recovery system is operated approximately once every four weeks as of Q2 2011. A routine evaluation of DNAPL thicknesses and recovery volumes determined that recovery operations could effectively be modified from a three-week schedule to a four-week schedule in Q2 of 2011.

In addition to the DAPL recovery operations, OU-1 monitoring and recovery wells are gauged quarterly for the presence of light non-aqueous phase liquid (LNAPL) and DNAPL.

2.1.2 OU-1 NAPL Monitoring Data

2.1.2.1 DNAPL Monitoring

DNAPL has historically been observed in OU-1 at wells BBRW-01R, BBRW-02, BBRW-06, BBRW-08, BBMW-05D, BBMW-22D, BBMW-34I2, BBMW-38I, BBMW-38I2, OZMW-21I, OZMW-21D, as well as in temporary recovery wells TG-29I2, TG-32I2, TG-32D, and TG-44I2 (**Figure 1**). Temporary recovery well TG-29I2 was damaged during Q2 2012 and is no longer part of the gauging program. DNAPL thicknesses have increased in several wells during the past few years and were variable during the past year (Q3 2016 through Q2 2017), with no significant thickness increases observed. In the remaining wells, DNAPL thicknesses in OU-1 wells have remained generally consistent with previous monitoring data as shown in **Table 2a**, below.

Table 2a – Summary of Measured DNAPL Thickness

Well ID	Screen Interval	Average DNAPL Thickness (feet)							
		Q3 15	Q4 15	Q1 16	Q2 16	Q3 16	Q4 16	Q1 17	Q2 17
BBRW-01R	30-60	0.6	0.7	0.75	0.4	0.5	0.42	0.67	0.58
BBRW-02	58.2-78.2	2.6	3.9	0.42	5.58	6.25	6.0	5.33	4.5
BBMW-05	64-74	NO	NO	NO	NO	NO	Blebs	Blebs	Blebs
BBRW-06	25-55	NO	2.6	1.5	1.75	1.67	1.33	1.83	1.75
BBRW-08	65-75	2.0	2.3	2.25	2.5	2.58	2.58	2.71	2.67
BBRW-09	66-76	NO	NO	NO	NO	NO	NO	NO	NO
BBMW-22D	64-74	3.9	5.9	4.17	4.83	4.0	4.58	3.0	4.0
BBMW-34I2	40-45	2.25	2.5	3.58	2.33	2.08	2.5	2.5	3.0
BBMW-38I	25-30	0.42	1.3	0.75	0.33	1.58	1.17	0.92	1.5
BBMW-38I2	40-45	1.08	1.0	1.08	1.75	1.58	1.5	1.25	2.0
OZMW-21I	20-30	1.8	1.5	2.75	1.67	1.75	1.92	2.25	2.08
OZMW-21D	55-60	2.5	2.3	2.25	2.17	3.33	3.08	2.42	2.25
TG-29I2	55-65	NO	NO	NO	NO	NO	NO	NO	NO
TG-32I2	40-50	3.92	4.6	4.0	5.3	4.92	4.75	5.75	4.33
TG-32D	65-75	1.25	1.4	1.6	1.3	1.67	1.5	1.25	1.5
TG-44I2	55-60	0.8	1.8	1.9	1.8	2.42	2.17	2.17	2.33

Notes:

NO – Not Observed

Historically, DNAPL was observed at recovery well BBRW-01. This well has been abandoned. BBRW-01R was installed adjacent to the original BBRW-01 location.

BBMW-22D is located within 15 feet of BBRW-02. DNAPL thickness at this well is influenced by pumping operations at BBRW-02. DNAPL is not recovered at BBMW-22D.

2.1.2.2 LNAPL Monitoring

Historically, LNAPL has been observed in OU-1 in monitoring wells BBMW-34I, BBMW-38I, BBMW-38D, OZMW-21S, and OZMW-25I. LNAPL has not been observed at BBMW-34I since Q3 2011, as shown in **Table 2b**, below. LNAPL was observed for the first time in BBMW-38I and BBMW-38D in Q3 2015 and Q4 2015, respectively, and has not been observed in either well since. Increases in LNAPL thicknesses were observed in OZMW-21S during Q3 2016 and Q1 2017; however, the measured thickness decreased to trace levels during each subsequent event (Q4 2016 and Q2 2017).

Table 2b – Summary of Measured LNAPL Thickness

Well ID	Screen Interval	Average LNAPL Thickness (feet)											
		Q3 14	Q4 14	Q1 15	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16	Q4 16	Q1 17	Q2 17
BBMW-34I	25-30	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
BBMW-38I	25-30	NO	NO	NO	NO	NO	0.01	NO	NO	NO	NO	NO	NO
BBMW-38D	65-70	NO	NO	NO	NO	0.01	NO	NO	NO	NO	NO	NO	NO

Well ID	Screen Interval	Average LNAPL Thickness (feet)											
		Q3 14	Q4 14	Q1 15	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16	Q4 16	Q1 17	Q2 17
OZMW-21S	5-15	0.04	0.02	0.01	0.05	0.68	1.03	Trace	NO	2.20	Trace	2.20	Trace
OZMW-25I	20-30	0.02	0.02	Trace	0.01	0.02	0.02	NO	NO	NO	NO	NO	NO

Notes:
NO – Not Observed

2.1.3 OU-1 DNAPL Recovery Data

2.1.3.1 DNAPL Recovery

Approximately 574 gallons of DNAPL have been recovered from BBRW-02 since the beginning of the recovery operations in First Quarter (Q1) 2006. Approximately 37 gallons were removed between Q3 2016 and Q2 2017. A summary of the recovery operations is provided in **Table 2c**, below.

Table 2c – Summary of DNAPL Removal for Recovery Well BBRW-02

Time Period		Approximate DNAPL Thickness (feet)		Approximate DNAPL Removed
		Initial	Final	(Gallons)
Q3 2016 through Q2 2017		-	-	536.76
Q3 2016	07/08/2016	6.5	4.2	3.38
	08/05/2016	6.2	4.5	2.50
	09/06/2016	5.9	4.6	1.92
Q4 2016	10/03/2016	6.8	1.9	7.11
	11/01/2016	7.4	4.2	4.76
	12/01/2016	5.2	2.9	3.38
Q1 2017	01/12/2017	6.9	4.5	3.47
	02/13/2017	4.7	3.2	2.20
	03/08/2017	6.0	4.8	1.84
Q2 2017	04/13/2017	6.2	4.7	2.20
	05/09/2017	5.6	3.6	2.94
	06/14/2017	6.7	5.9	1.17
Totals	Q3 2016 - Q2 2017	-	-	36.86
	To Date	-	-	573.63

Notes:
NAPL measurements were made using a dedicated weighted measuring tape. The smear of DNAPL on the tape is measured to determine DNAPL thickness.
Total volume is calculated by multiplying the thickness by the cross-sectional area of the well. This is an estimate of the minimum volume removed.

Historical trends of DNAPL recovery, initial DNAPL thickness (measured prior to operation), and final DNAPL thickness (measured post operation), are shown on **Figure 3**. Apparent trends, related to DNAPL recovery, for the past four quarters are:

- The initial DNAPL thickness was generally observed between approximately 4.7 and 7.4 feet between Q3 2016 and Q2 2017. This varies slightly from recent DNAPL thickness measurements. Although the maximum range in initial thickness is generally consistent with previous DNAPL measurements. The minimum range in initial thickness has not been so low since 2010.
- Due to diminishing recovery totals, the operational schedule was changed in Q2 2011 to operate once every four weeks. Following the schedule modification, the amount of DNAPL recovered during each pumping event generally increased. During the past year, product recovery varied from approximately 1.2 to 7.1 gallons per event, which is similar to the recovery amounts per pumping event from the previous year.

2.2 OU-1 Ozone Groundwater Treatment System

2.2.1 Program Scope and Purpose

A groundwater treatment system was installed at the downgradient edge of OU-1 at 61 North Clinton Avenue. The treatment system consists of an ozone injection system and SVE system. The ozone injection system was installed to reduce concentrations of dissolved phase constituents of concern (COCs) prior to passing through the perforated section of the subsurface containment barrier wall. The barrier wall is located at the downgradient boundary of OU-1 and extends through the Upper Glacial aquifer to approximately 70 feet bgs. The 190-foot long perforated section is located parallel to Union Boulevard and extends from a depth of approximately 10 to 40 feet bgs. This perforated zone creates a window where groundwater is discharged from OU-1 to OU-2 after being treated by the ozone injection. The location of the groundwater treatment system and subsurface barrier wall are depicted on **Figure 1**.

The ozone injection system injects an air-ozone mixture at a maximum concentration of 3 percent ozone into the groundwater to destroy contaminants through in-situ chemical oxidation. The SVE system is designed to capture any potential ozone or volatile organic compounds (VOCs) that might migrate from the groundwater to the vadose zone.

The groundwater treatment building houses the equipment used to generate the ozone gas from fresh air, as well as the SVE equipment, carbon vessels, and an ozone destruction unit. The treatment zone, located south of the groundwater treatment building, consists of 63 ozone injection wells that are screened at 2 foot intervals between 27 and 50 feet bgs, and 11 horizontal SVE laterals.

The treatment system began operation in October 2009. Between Q3 2016 and Q2 2017, the average ozone/air mixture injected was approximately 1.7 percent ozone and 98.3 percent air.

2.2.2 Current Monitoring Activities

The monitoring and operation activities performed during the past four quarters for the ozone groundwater treatment system are summarized in **Table 2d**, below.

Table 2d – Current Ozone System Site Activity

Activity	Task Description	Frequency	Location of Results
Ozone System Monitoring	Routine inspection and maintenance of the system components, monitoring of operational parameters, and recording/adjusting of the injected ozone concentrations.	Weekly	Details are recorded on field logs and are not provided in this report.
SVE System Monitoring	Inspection and maintenance of the system components, recording of operational parameters, and screening of the SVE effluent.	Weekly	Details are recorded on field logs and are not provided in this report.
	Sampling of the SVE effluent before, in the middle of, and after treatment.	Monthly	Appendix B
System Performance Monitoring	Monitoring total benzene, toluene, ethylbenzene, and xylene (BTEX) and total polycyclic aromatic hydrocarbon (PAH) concentrations downgradient well clusters OZMW-23 and OZMW-24.	Monthly	Figure 4, Section 4, Table 4-1, Table 4-2
	Sampling soil vapor (SV-01, SV-02, and SV-03) downgradient and site ambient air.	Monthly	Section 2.2.4, Table 2-1, Appendix C
	Sampling ambient air downgradient and upgradient of system.	Monthly	Section 2.2.4, Table 2-2

2.2.3 Ozone Injection System OM&M Data

2.2.3.1 Groundwater

The ozone injection system has been effective at reducing total BTEX and total PAH concentrations in groundwater. The ozone injection system treats groundwater prior to passing through the perforated window of the subsurface barrier wall, 10 to 40 feet bgs. The reduction of total BTEX and total PAH concentrations are shown in the shallow and intermediate zones of the time series graphs of OZMW-23 and OZMW-24 on **Figure 4**. These monitoring well clusters are located downgradient of the system and upgradient of the subsurface barrier wall. Total PAH concentrations remain elevated only in OZMW-24I2 and OZMW-24D, but remained within their respective historical concentration range during the annual monitoring period. Total BTEX concentrations in these wells were also elevated, but were lower than the corresponding total PAH concentrations. Groundwater passing through the perforated section of the subsurface barrier wall is also treated by the OU-1 Union Boulevard oxygen injection system. Groundwater quality trends are discussed further in Section 4.

2.2.3.2 Ozone Injection System

Approximately 9.2 pounds of ozone were injected each day between Q3 2016 and Q2 2017. The ozone groundwater treatment system was in operation for 304 out of 365 days (83%) in the past four quarters.

- Q3 2016 – The system was operational for 87 out of 92 possible days. The system was down for one day for maintenance and for four days for system alarms and malfunctions.

- Q4 2016 – The system was operational for 81 out of 92 possible days. The system downtime was due to system alarms malfunctions.
- Q1 2017 – The system was operational for 67 out of 90 possible days. The downtime was due to system alarms and malfunctions.
- Q2 2017 – The system was operational for 69 out of 91 possible days. The system was down for three days for maintenance and calibration, and 20 days due to system alarms and malfunctions.

2.2.3.3 SVE System Effluent

Total VOC concentrations in the vapor stream, measured after granular activated carbon treatment, ranged between approximately 0.007 and 0.096 parts per million per volume (ppmv) during the past four quarters. **Appendix B** presents data collected from the SVE system effluent, before carbon treatment (OZ-PREGAC), in between carbon vessels (OZ-MGAC), and after carbon treatment (OZ-STACK).

2.2.4 Ozone Groundwater Treatment System Soil Vapor and Ambient Air Sampling

Three soil vapor points (OZSV-01, OZSV-02, and OZSV-03) are located downgradient of the ozone groundwater treatment system (**Figure 1**). These points are sampled monthly to monitor potential influence of the ozone groundwater treatment system operation on soil vapor concentrations downgradient of the barrier wall. Ambient air is monitored to determine the potential influence of the ozone groundwater treatment system on ambient air.

Soil vapor concentrations have remained generally consistent at the locations downgradient of the ozone groundwater treatment system. A majority of the compounds detected have varied within a range of 50 micrograms per cubic meter ($\mu g/m^3$) over the sampling history. Between Q3 2016 and Q2 2017, concentrations remained generally consistent with historical levels with a few exceptions. The detections of five non-MGP related compounds (Acetaldehyde, Acetone, Chloroform, Cyclohexane, n-Dodecane) were outside and above the respective historical concentration range at one sample location, OZSV-02. Each of these detections identified as above the respective historical concentration range were not sustained during the annual monitoring period and were limited to one sample location during one (of the twelve) sampling events conducted. Concentrations are depicted graphically in **Appendix C**. Analytical data are provided in **Table 2-1**.

Ambient air concentrations have remained mostly consistent since the startup of the ozone groundwater treatment system. Between Q3 2016 and Q2 2017, concentrations remained consistent with historical levels. Ambient air analytical data are provided in **Table 2-2**.

2.3 Oxygen Injection Systems

2.3.1 Program Scope and Purpose

Eight oxygen injection systems are currently in operation at the site. As previously discussed and listed below, two systems have been shut down based on NYSDEC-approved criteria. The oxygen injection systems generate and inject oxygen into the subsurface to create an aerobic environment which facilitates the bioremediation of the dissolved MGP-related contaminants. Oxygen injection is used to treat impacted groundwater within OU-1, OU-2, and OU-3. The 10 system locations, active, inactive and recently removed, are shown on **Figure 1** and presented in **Table 2e,** below.

Table 2e – Oxygen Injection System Summary

Operable Unit	Oxygen Injection System Designation	Operation Start Date	System Description
OU-1	OU-1 Union Boulevard Oxygen Injection System	February 2008	Used to treat groundwater as it passes through the perforated portion of the subsurface barrier wall. Initially installed to provide temporary treatment during the construction and startup of the ozone injection system. NYSDEC had requested that the system remain online following the installation of the ozone injection system. The system was modified during Q4 2013 to target areas of remaining impacts. Additional injection wells beneath North Clinton Avenue, upgradient and downgradient of the barrier wall, were installed during Q3 2015.
	60/66 N. Clinton Ave Oxygen Injection System	January 27, 2010	Installed as part of the Phase IV Remedial Action to treat impacted groundwater west of the barrier wall in OU-1.
	OU-1 Union Boulevard Extension	June 16, 2011	Extension of the OU-1 Union Boulevard system installed to comply with the requirement of the OU-2 Remedial Decision Document issued by the NYSDEC in 2008. The system treats impacts east of the subsurface barrier wall.
	OU-1 North Oxygen Injection System	October 28, 2013	Installed to treat impacted groundwater in the eastern portion of OU-1.
OU-2	Garner Lane (Montauk Highway and Manatuck Lane) Oxygen Injection Lines	December 28, 2005	Installed as part of an Interim Remedial Measure in OU-2 to treat groundwater prior to discharge to Lawrence Creek. The system is comprised of two injection lines located along Montauk Highway and at the intersection of Manatuck Lane and Garner Lane. The Montauk Highway line was modified during Q4 2013 to target areas of remaining impacts.
	34 N. Clinton Ave Oxygen Injection Line	January 20, 2009	Installed to comply with the requirement of the OU-2 Remedial Decision Document issued by the NYSDEC in 2008. These systems treat groundwater at three transects in the middle of OU-2. The 33 North Clinton Avenue line was modified during Q4 2013 to target areas of remaining impacts.
	9 N. Clinton Ave Oxygen Injection Line	February 16, 2009	
	33 N. Clinton Ave/Cooper Lane Oxygen Injection Line	March 31, 2009/ November 16, 2009	
	Plume Tail Oxygen Injection System	August 17, 2009	Installed to treat groundwater prior to discharging into Lawrence Creek. System shut down on March 26, 2015 and removed in June 2017.
	29 Community Road	June 14, 2011	Installed to treat the western extent of the OU-2 groundwater plume that was delineated in the 2010 Pre-Design Investigation. System shut down on March 26, 2015. System removal has been approved.

Operable Unit	Oxygen Injection System Designation	Operation Start Date	System Description
OU-3	Community Road Oxygen Injection Line	April 6, 2010	Installed to replace the former Union Boulevard and Brightwaters Yard systems. This treatment line is supplied by the 60/66 North Clinton Avenue oxygen injection system located within OU-1. This system was reconfigured in March 2012 to more effectively distribute oxygen to impacted areas.
	87 Community Road	September 26, 2013	Installed to treat impacted groundwater in OU-3, south of the LIRR ROW. Additional injection wells were installed within the sheeting cells in the LIRR ROW during Q3 2015.

2.3.2 Current Monitoring Activities

The oxygen injection system monitoring activities are summarized in **Table 2f**, below.

Table 2f – Summary of Oxygen Injection System OM&M Activity

Current Activity	Description	Frequency	Location of Results
Oxygen System Monitoring	Routine inspection and maintenance of the system components, monitoring of operational parameters, and recording/adjusting of the injection flow rates.	Monthly	Appendix D, E & F
	Monitoring of oxygen purity.	Monthly	Appendix D, E & F
Performance Monitoring of Oxygen Injection Systems	Monitoring of total BTEX and total PAH concentrations in groundwater at upgradient and downgradient wells.	Quarterly	Section 4, Figures 4, 5 & 6
	Monitoring of groundwater chemistry parameters.	Quarterly*	Appendix G

*: Beginning in Q4 2016

2.3.3 Oxygen Injection System OM&M Data

2.3.3.1 System Operational Data

Approximately 483,965 pounds of oxygen were injected into OU-1, OU-2, and OU-3 from Q3 2016 through Q2 2017. Several of the oxygen injection systems experienced some downtime during the past four quarters. The oxygen systems shut down mainly due to power outages. Mechanical issues also caused outages in several of the systems. As previously discussed, the 29 Community Road and Plume Tail oxygen injection systems were shut down on March 26, 2015. The Plume Tail system was removed from the property in June 2017. Injected oxygen weights are calculated in OU-1, OU-2, and OU-3 systems, **Appendices D, E,** and **F**, respectively. Injected oxygen weight and system operational data are summarized in **Table 2g**, below.

Table 2g – Oxygen Injection Systems Operations Data

Operable Unit	Oxygen Injection System/Treatment Line	System Operational Time (%)	Weight of Oxygen Injected (pounds)				Total Weight of Oxygen Injected Through Q2 2017 (Pounds)
			Q3 2016	Q4 2016	Q1 2017	Q2 2017	
OU-1	OU-1 Union Boulevard and Extension	96	17,042	18,304	14,072	16,389	539,747
	60/66 N. Clinton (O_2 to OU-1)	91	5,922	4,269	6,479	5,067	220,015
	OU-1 North	99	9,581	12,746	8,429	7,926	152,310
OU-2	Garner Lane	99	17,837	20,682	20,385	21,264	1,105,247
	9 N. Clinton	99	11,313	10,368	10,235	11,623	452,568
	34 N. Clinton	100	15,172	14,621	14,898	17,216	572,448
	33 N. Clinton/ Cooper Lane	96	16,769	15,537	16,332	14,835	652,799
	29 Community Road*	0	0	0	0	0	229,399
OU-3	Community Road (60/66 N. Clinton [O_2 to OU-3])	91	17,150	14,060	16,639	13,291	472,120
	87 Community Road	98	10,741	11,824	12,085	9,862	178,416

2.3.3.2 Groundwater Parameters

The oxygen injection systems have significantly increased both dissolved oxygen (DO) concentrations and oxidation reduction potential (ORP) in groundwater. Concentrations of DO are summarized in **Table 2h**. **Table 2i** summarizes ORP values. **Appendix G** contains historical groundwater parameters including DO, ORP, pH, conductivity, and temperature for site wells.

Table 2h – Summary of Dissolved Oxygen (DO) Concentrations

Operable Unit	Groundwater Interval	DO Concentrations (mg/L)			Downgradient Monitoring Wells
		Baseline Average	Historical Average	Q3 2016 - Q2 2017 Average	
OU-1	Shallow (0-10')	12.5	20.9	20.0	OZMW-16, OZMW-17, OZMW-18, OU2MW-50, OU2MW-57
	Intermediate (10-50')	7.0	14.9	19.0	
	Deep (50'+)	0.1	5.1	11.9	
OU-2	Shallow (0-10')	5.4	24.4	22.8	OU2MW-02, OU2MW-19, OU2MW-30, OU2MW-39, OU2MW-47, OU2MW-55
	Intermediate (10-50')	3.0	25.2	28.6	
	Deep (50'+)	5.0	15.9	15.8	
OU-3	Shallow (0-10')	9.9	8.8	12.7	OU3MW-07, 19, 20, IO-10, MW-34, MW-46WR, MW-70/70S
	Intermediate (10-50')	2.4	13.4	18.3	

Notes:
mg/L – milligrams per liter
‘ – feet

Table 2i – Summary of Oxidation Reduction Potential (ORP) Values

Operable Unit	Groundwater Interval	ORP Values (mV)			Downgradient Monitoring Wells
		Baseline Average	Historical Average	Q3 2016 - Q2 2017 Average	
OU-1	Shallow (0-10')	29	128	151	OZMW-16, OZMW-17, OZMW-18, OU2MW-50, OU2MW-57
	Intermediate (10-50')	63	154	191	
	Deep (50'+)	0	76	104	
OU-2	Shallow (0-10')	51	212	226	OU2MW-02, OU2MW-19, OU2MW-30, OU2MW-39, OU2MW-47, OU2MW-55
	Intermediate (10-50')	3	179	231	
	Deep (50'+)	50	161	184	
OU-3	Shallow (0-10')	-4	36	79	OU3MW-07, 19, 20, IO-10, MW-34, MW-46WR, MW-70/70S
	Intermediate (10-50')	20	141	220	

Notes:
mV - millivolt
‘ - feet

Specific trends in DO and OPR values are presented below:

- DO concentrations and ORP values in shallow, intermediate, and deep groundwater in OU-1 and OU-2 increased significantly from baseline values collected prior to system startup and have remained elevated during the past four quarters.

- DO concentrations and ORP values in shallow and intermediate groundwater in OU-3 have continued to increase during the current annual monitoring period.

2.3.3.3 Total BTEX and Total PAH Concentrations

Significant reductions in total BTEX and total PAH concentrations have been observed since the startup of the oxygen injection systems. This is discussed in detail in Section 4. Total BTEX and total PAH concentrations compared to DO concentrations at monitoring wells downgradient of each treatment area are depicted on **Figures 4, 5** and **6**.

3. Hydrogeologic Setting

This section presents a summary of the scope of work performed for the groundwater elevation monitoring program, the hydrogeologic setting, and the resultant groundwater elevation and groundwater flow direction data for each of the site's OUs.

3.1 Scope of Groundwater Level Monitoring Program

Groundwater level monitoring is conducted annually at the individual site OUs (OU-1, OU-2, OU-3, and OU-4) and offsite to determine the groundwater elevations and resultant groundwater flow regimes at these areas. This information aids in monitoring and evaluating the effectiveness of remedial activities and is used in remedy planning. The groundwater well locations and geographic boundaries of the OUs are depicted on **Figure 1**.

Depth to groundwater measurements were collected from a total of 325 wells, and five surface water measurements from gauging stations in Q2 2017. The distribution of these wells for each of the operable units consisted of 80, 143, 68, and 34 monitoring wells from within and in the vicinity of OU-1, OU-2, OU-3, and OU-4, respectively. The surface water elevations were obtained from surface water gauges located within OU-2 at Lawrence Lake (BBSW-07) and Lawrence Creek (OU2SW-01 and BBSW-06), in OU-3 from a surface water gauge located within the headwaters of O-Co-Nee Pond (BBSW-13), and in OU-4 from a surface water gauge located in Watchogue Creek (a.k.a., Crum's Brook) at Union Boulevard (BBSW-14). The depth to groundwater and surface water elevation measurements were collected from April 3 through April 5, 2017.

The depth to groundwater and groundwater elevation data for the site and offsite areas are provided in **Tables 3-1** through **3-8** and on **Figures 7** through **9**. The elevation data presented in the tables and figures is in reference to the North American Vertical Datum (NAVD) 88 datum. All historical groundwater elevation data, collected prior to November 2007, has been recalculated based on the November 2007 or subsequent survey data, and the NAVD 88 datum.

3.2 Hydrogeology

The Upper Glacial, Magothy, and Lloyd represent Long Island's three major aquifers. The Upper Glacial aquifer is a water table aquifer and is the primary aquifer of concern at the site. The Upper Glacial aquifer occurs in moderate to highly permeable glacial outwash deposits consisting mainly of inter-bedded layers of permeable sand and gravel, and less permeable layers of silty sand. Low permeability zones define the boundary between the Upper Glacial and Magothy aquifers in the vicinity of the site. The Upper Glacial aquifer is approximately 70 feet thick at the site and the water table is present within the upper 10 feet of the aquifer. The Upper Glacial aquifer is not used as a source of potable water at or downgradient of the site.

3.3 Groundwater Elevation and Flow

As depicted on **Figures 7** through **9,** the groundwater flow direction throughout the site is generally towards the south/southeast. The data provided on **Figures 8** and **9** indicate that the shallow and deep groundwater elevations and groundwater flow directions are generally similar.

Figure 10 includes hydrographs depicting the historical groundwater elevations for the period beginning in Q2 2002 through the current monitoring period (Q2 2017). The groundwater elevations are presented for select sitewide shallow, intermediate, and deep wells. Minimum and maximum historical values are summarized in **Table 3a** below.

Table 3a – Summary of Historical Groundwater Elevations

Groundwater Depth Zone	Minimum Water Level Elevation			Maximum Water Level Elevation		
	Value*	Monitoring Well	Date	Value*	Monitoring Well	Date
Shallow	9.41	BBMW-24S	Q3 2007	18.00	MW-09S	Q2 2010
Intermediate	9.44	BBMW-24I	Q3 2007	18.02	MW-09I	Q2 2010
Deep	9.44	BBMW-24D	Q3 2007	16.40	BBMW-05D	Q2 2010

Note:
Feet above mean sea level (NAVD 88)

The hydrographs show regular seasonal variations in groundwater elevation throughout all screen intervals. Q2 2017 values are near the average values for the historical monitoring period, and are generally higher than the values for Q2 2016 and similar to the values from Q2 2015.

4. Groundwater Quality

In general, the OU-1/OU-2 and OU-3 areas of MGP-impacted groundwater (concentrations of total BTEX and total PAH equal to or greater than 100 µg/L) have significantly been reduced in size and concentration since the implementation of remedial activities. These reductions have been occurring since the installation of the barrier wall, source area excavations, the operation of the ozone and oxygen injection treatment systems, and other remedial activities. Following the startup of the remedial systems in 2009, the depiction of total BTEX and total PAH impacts in groundwater on **Figures 11** through **16** have been refined, particularly in OU-1 and OU-3, with the installation and sampling of new groundwater monitoring well clusters. In areas where elevated concentrations had persisted, additional remedial measures have been undertaken. These measures have included the installation of additional oxygen injection systems, or the modification of current systems to focus treatment on the zones with residual impacts, as well as the targeted injection of ORC-A, where appropriate. Areas of remaining impacts will continue to be monitored and addressed, as appropriate.

As a result of the remedial efforts and in accordance with the NYSDEC-approved remedial system shutdown criteria, two oxygen injection systems (29 Community Road and Plume Tail) in OU-2 were shut down in March 2015. No rebound of total BTEX or total PAHs concentrations were observed in wells upgradient of the Plume Tail oxygen injection for four quarters following system shutdown. As such, the system was removed in June 2017, with NYSDEC approval. Monitoring at the 29 Community Road system following the system shutdown also showed no rebound of total BTEX or total PAHs. Approval for the removal of the system from NYSDEC has been received.

In OU-3, following the remedial excavations (Phases I, II, and III), and subsequent treatment system installations and modifications, significant reductions to the shallow and intermediate zone concentrations downgradient of the LIRR ROW have been evident. Impacts in the area downgradient of Community Road have been eliminated. Limited impacts, primarily BTEX, remain in select wells in the Brightwaters Yard.

The available groundwater data indicate the area of impacted groundwater in OU-4 during Q2 2017 is slightly larger than it was prior to Surfactant-Enhanced In-Situ Chemical Oxidation (S-ISCO) injection, which was initiated in Q2 2009 and completed in Q4 2009. Decreasing concentration trends are evident in some shallow and intermediate zone wells; however, impacts above 100 µg/L have persisted in several intermediate wells screened below the vertical excavation extent and in several shallow wells outside of the excavation area. Access restrictions have prevented wells located west of the excavation extent from being sampled during recent sampling events. No impacts have been present in the deep zone. The majority of the OU-4 Excavation IRM consisted of shallow soil excavation (approximately 10 feet bgs) and was performed in Q2 and Q3 2011.

In the sections below, descriptions are provided for Q2 2017 total BTEX and total PAH groundwater impacts, as well as for the composite plumes for each of the OUs. The Q2 2017 plume is also compared to the Q2 2016 plume and the remedial baseline Q1 2009 plume. The second quarter data set is chosen for comparison since the annual sampling round is conducted during that period each year. The annual sampling round consists of the largest number of wells and, therefore, the most complete data set. These groundwater horizons include shallow (water table zone to approximately 10 feet bgs), intermediate (approximately 10 to 50 feet bgs), and deep (below approximately 50 feet bgs). In addition, any significant changes or impacts noted during the reduced sampling rounds conducted between the last complete sampling round (Q2 2016) and the current annual sampling round (Q2 2017) are discussed.

The data presented by the Q1 2009 iso-concentration lines in the plume iso-concentration maps in **Figures 11** through **16** (described below) represent the first full round of groundwater results of the current monitoring well network installed as part of the OU-2 Remedial Design. The Q1 2009 data represents the groundwater conditions prior to the start of the groundwater treatment systems in the mid-plume area. The oxygen injection lines located at 9 North Clinton Avenue, 33 North Clinton Avenue, and 34 North Clinton Avenue were started following Q1 2009. In addition, the OU-4 Cesspool Area S-ISCO IRM was initiated in Q2 2009. Therefore, this data set represents baseline conditions within OU-2 and OU-4 groundwater prior to treatment. As such, the Q1 2009 plume, throughout the remainder of this report, is referred to as the Baseline Q1 2009 Plume.

4.1 Groundwater Horizon Descriptions and Comparisons

The distribution of total BTEX and total PAH concentrations within the Upper Glacial aquifer for Q2 2017 are presented in the iso-concentration maps on **Figures 11** through **16**. The iso-concentration figures for the sampling events conducted between the third annual report (Q2 2016) and the current report (Q2 2017) are provided in **Appendix H**. As discussed in Section 1 of this report, reductions to the long-term groundwater monitoring program were approved by NYSDEC in August 2012. As part of the approved reductions, criteria were established to reduce sampling frequency and eliminate monitoring wells from the program provided they meet the approved criteria. Monitoring wells which were not sampled due to implementation of the reduction criteria, having been below ambient groundwater quality standards (or below detection limits for compounds whose standards are below the detection limits) for four consecutive quarterly sampling events or two consecutive annual sampling events, were assumed to be non-detect for the generation of the iso-concentration figures.

The horizontal distribution of the constituent groups in each iso-concentration figure is depicted as lines of equal concentration (iso-concentration lines). The iso-concentration lines were generated using a combination of applied methods. Initially, the lines were created by direct graphical interpolation between concentrations. These lines were then modified to factor in groundwater flow, taking into account the southeasterly flow direction and the low transverse dispersion of the Upper Glacial aquifer, as well as other local hydraulic factors that might influence groundwater flow. For the purpose of this report, the aerial extent of groundwater impacts (plume

outline) in each groundwater horizon for total BTEX and total PAH is defined by the 100 µg/L contour.

In addition to the comparisons made between the iso-concentration maps, a comparison of concentration ranges and averages between the Baseline Q1 2009 Plume, the Q2 2016 plume, and the current Q2 2017 plume is provided, where appropriate, for the impacted areas within OU-1 and OU-2. For OU-1, the concentration comparison was conducted for the entire operable unit, as well as specifically for the wells located downgradient, or within the immediate vicinity, of the groundwater treatment systems located at the downgradient edge of the area. The downgradient wells serve to evaluate the effects of the groundwater treatment systems. Graphical concentrations comparisons have also been included in this report for each of the Operable Units. The format and content of each graph is discussed within the text for each Operable Unit.

Sulfate concentration data, as requested in a letter to NYSDEC titled "Revised – Additional Sampling Parameters for Quarterly Groundwater Monitoring – Sulfate Analysis in Select Monitoring Wells," dated June 4, 2010, is presented in **Appendix I**. The additional sulfate analysis began in Q2 2010 and was initially planned to continue for a period of one year, ending in Q1 2011. The results of the initial investigation showed that elevated sulfate concentrations in select monitoring wells exceeded the New York State Ambient Water Quality Standards (NYS AWQS) and Guidance Value for Class GA groundwater criteria. Based on these results, sulfate sampling has continued at monitoring wells that exceed the NYS AWQS criteria for Class GA groundwater, as well as at additional monitoring wells located downgradient of the monitoring wells with exceedances. An evaluation of sulfate concentrations is provided in Section 4.5.

Routine monitoring well maintenance is conducted on a quarterly basis at the site. The groundwater sampling crews make any simple repairs identified during groundwater monitoring activities, while major repairs are performed by subcontractors on an as-needed basis.

4.2 Operable Unit 1/Operable Unit 2

The groundwater plume at the Site emanates from the source area (OU-1) downgradient into OU-2. Due to their dependent relationship, the two OUs are presented and evaluated together in this section. The remedial actions, IRMs, and pilot studies that have been performed in OU-1 and OU-2 are outlined in Section 1 of this report.

4.2.1 Total BTEX and Total PAH Composite Plume Comparison

Figure 1 includes the Q2 2017 outline of total BTEX and total PAH impacted groundwater. This composite outline denotes the horizontal extent of total BTEX and total PAH from the three groundwater horizons. Also, included on **Figure 1** for comparison are the outlines of the historical 2004 remedial investigation (RI) plume and the Baseline Q1 2009 Plume.

The composite Q2 2017 plume is comprised of two areas which have been divided and reduced in area from the single larger historical RI plume. The main area of impacts begins in the

upgradient portion of OU-1 and extends to the east and outside of the capture zone of the barrier wall. On the central side of this area, the impacts continue downgradient into OU-2. The second area of impacts is defined by shallow zone concentrations present within one well downgradient of the western edge of the barrier wall.

In comparison to the Baseline Q1 2009 Plume, the current composite Q2 2017 plume is significantly smaller in size (**Figure 1**). Significant changes to the overall outline of the composite plume from the pre-remediation depiction are summarized as follows:

- The Q2 2017 composite plume has been greatly diminished in length and width with the majority of impacts ending in the upgradient portion of the mid-plume area.
- The plume has been eliminated in the downgradient areas.

The composite Q2 2017 plume is roughly similar to the corresponding Q2 2016 depiction.

4.2.2 Groundwater Quality Horizons and Comparisons

A description of the individual depth horizons for total BTEX and total PAH, and comparisons between the baseline plume and the current Q2 2017 plume are provided below. Historical total BTEX and total PAH concentrations detected in each of the wells are presented in **Table 4-1** and **Table 4-2** for OU-1 and **Tables 4-4** through **Table 4-9** for OU-2. The complete analytical results for Q3 2016 through Q2 2017 for OU-1 are presented in **Table 4-3**. The complete analytical results for Q3 2016 through Q2 2017 for OU-2 are presented in **Table 4-10**.

4.2.2.1 Shallow Zone

In OU-1/OU-2, the highest concentrations of total BTEX are generally present in the shallow portion of the aquifer. Total PAH concentrations in shallow groundwater in OU-1/OU-2 are generally lower than the corresponding total BTEX concentrations. As shown in the water table iso-concentration maps (**Figures 11** and **12**), these impacts are mainly present in the central portion near the downgradient edge of OU-1, behind and near the western side of the barrier wall. Shallow zone impacts (above 100 µg/L) in OU-2 are limited to one well. An area of impacts is also present outside the eastern edge of the barrier wall in OU-1.

Impacted groundwater inside the barrier wall capture zone is treated by the ozone injection system before passing through the perforated section of the barrier wall. Groundwater is then treated immediately downgradient of the barrier wall by the Union Boulevard oxygen injection system. BTEX and total PAHs were not detected above groundwater standards in shallow monitoring wells located immediately downgradient of the ozone injection system and the perforated section of the barrier wall during the annual monitoring period.

Within the plume section located generally upgradient of the central portion of the barrier wall, total BTEX and total PAH concentrations in several wells remain above 1,000 µg/L. These wells are all located within the capture zone of the barrier wall, excluding BBMW-41S. Total BTEX and

total PAH concentrations in BBMW-41S have remained elevated in recent sampling events. The elevated concentrations from these areas are treated by the ozone injection system and the Union Boulevard and 60/66 North Clinton Avenue oxygen injection systems as they migrate downgradient. The depiction of the plume to the west of the capture zone of the barrier wall is mainly determined by the concentrations in monitoring well OZMW-22SR. Total BTEX and total PAH concentrations in OZMW-22SR have been below 100 µg/L since Q2 2013 and Q3 2012, respectively, and have been reduced further since the 60/66 North Clinton Avenue oxygen injection line was relocated upgradient of the OZMW-22SR location in October 2013.

Similar to last year, total BTEX concentrations in BBMW-23S located in the upgradient portion of OU-2, had been consistently decreasing prior to an increase during the annual sampling event conducted during Q2. The decreases in BBMW-23S resulted in historical low concentrations of 42 µg/L and 13 µg/L of total BTEX and total PAHs, respectively, during Q1 2017, prior to the increase during Q2 2017. The preliminary Q3 2017 results from BBMW-23S are lower than the Q2 2017 results and may indicate the resumption of the decreasing trend. The results from subsequent sampling events at BBMW-23S will determine if the increased concentrations observed in the Q2 2017 sampling results need to be addressed. Historically, this well has exhibited temporary spikes of higher concentrations in samples collected between February and June corresponding to periods of higher water table elevations.

The impacts in BBMW-23S are localized and do not persist past the downgradient Cooper Lane oxygen injection system. Similar to other recent sampling events, the detections of total BTEX and total PAH in BBMW-23S were the only shallow detections above 100 µg/L in OU-2 during Q2 2017. As stated above the historical low concentrations in this well during Q1 2017, marked the first sampling event during the historical monitoring period when no total BTEX or total PAHs above 100 µg/L were detected in OU-2.

Shallow total BTEX and total PAH impacts to the east of the barrier wall have continued to vary during the past year. The variations are particularly evident in the area upgradient of the LIRR ROW in well BBMW-40S, where total BTEX concentrations ranged from non-detect (ND) to 1,884 µg/L during the current annual monitoring period. The variation in this well is likely related to changes in groundwater elevation; as the groundwater elevation decreases the concentrations generally increase. Downgradient of the LIRR ROW, impacts have generally been confined to the area immediately east of the barrier wall in recent sampling events. The reductions in the vicinity of and downgradient of the LIRR ROW are likely directly attributable to the installation of the OU-1 North oxygen injection line (see **Figure 2**) located to the north of the LIRR tracks, which was completed in Q4 2013. Impacts remaining downgradient of the OU-1 North oxygen injection line are treated by the Union Boulevard oxygen injection system as they migrate further downgradient.

Differences for shallow impacted groundwater from Q1 2009 and Q2 2017 (**Figures 11** and **12**) are summarized as follows:

- Concentrations of total BTEX and total PAHs have generally decreased throughout OU-1, with the decreases particularly evident in the area downgradient, or in the

immediate vicinity of, the groundwater treatment systems present near the downgradient edge of OU-1.

- The shallow groundwater plume has largely been eliminated in OU-2, with only one well (BBMW-23S) with detections currently above 100 µg/L. Concentrations in BBMW-23S were below 100 µg/L for total BTEX and total PAHs for the first time during the historical monitoring period during Q1 2017 and are generally trending downward.
- A section of the shallow plume is present to the east of the barrier wall, defined by concentrations in wells installed subsequent to the Baseline Q1 2009 sampling event. Concentrations in this area have decreased but remain variable, particularly in the area upgradient of the OU-1 North oxygen injection line.

A summary of the concentrations in OU-1/OU-2 between Q1 2009, Q2 2016, and Q2 2017 is provided in both **Table 4a** and **Table 4-b**, below.

Table 4a – Comparison of Total BTEX Concentrations in Shallow Groundwater

Operable Unit	Shallow Zone Total BTEX Concentrations (µg/L)					
	Range			Average		
	Baseline Q1 2009	Q2 2016	Q2 2017	Baseline Q1 2009	Q2 2016	Q2 2017
OU-1 (Overall)	0 – 11,947	0 – 7,065	0 – 4,808	3,270	844	556
OU-1 (Downgradient)*	0 – 244	0	0	96	0	0
OU-2	0 – 11,860	0 – 1,962	0 – 1,385	304	218	173

Note:
* – OU-1 downgradient wells include OZMW-16S, OZMW-17S, and OZMW-18S.

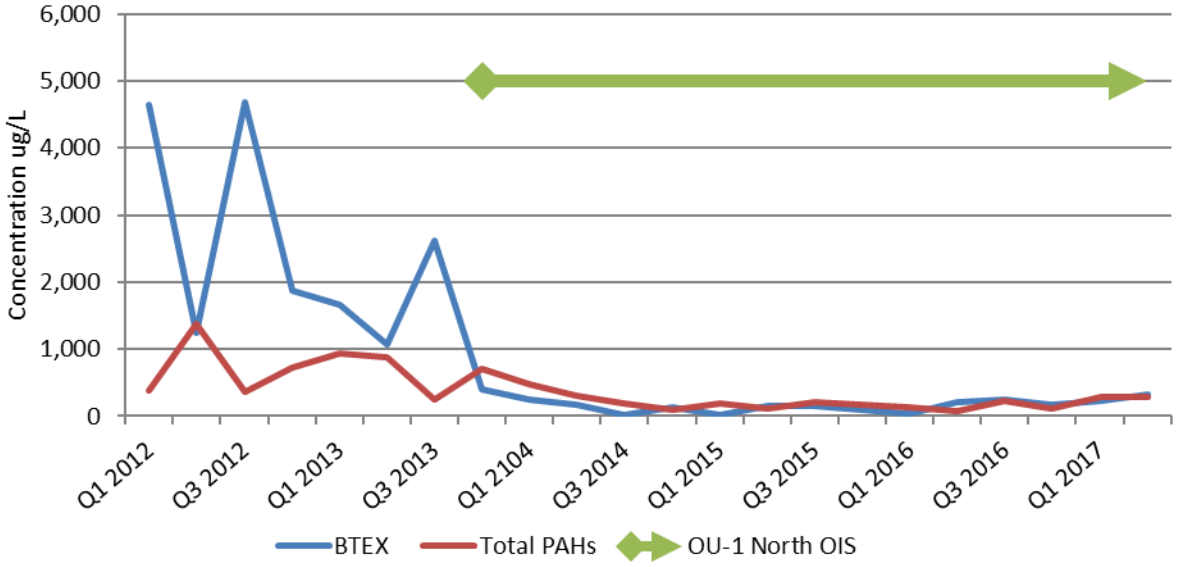
Table 4b – Comparison of Total PAH Concentrations in Shallow Groundwater

Operable Unit	Shallow Zone Total PAH Concentrations (µg/L)					
	Range			Average		
	Baseline Q1 2009	Q2 2016	Q2 2017	Baseline Q1 2009	Q2 2016	Q2 2017
OU-1 (Overall)	0 – 1,850	0 – 1,487	0 – 2,174	457	302	225
OU-1 (Downgradient)*	0	0	0	0	0	0
OU-2	0 – 1,673	0 – 243	0 – 225	55	24	25

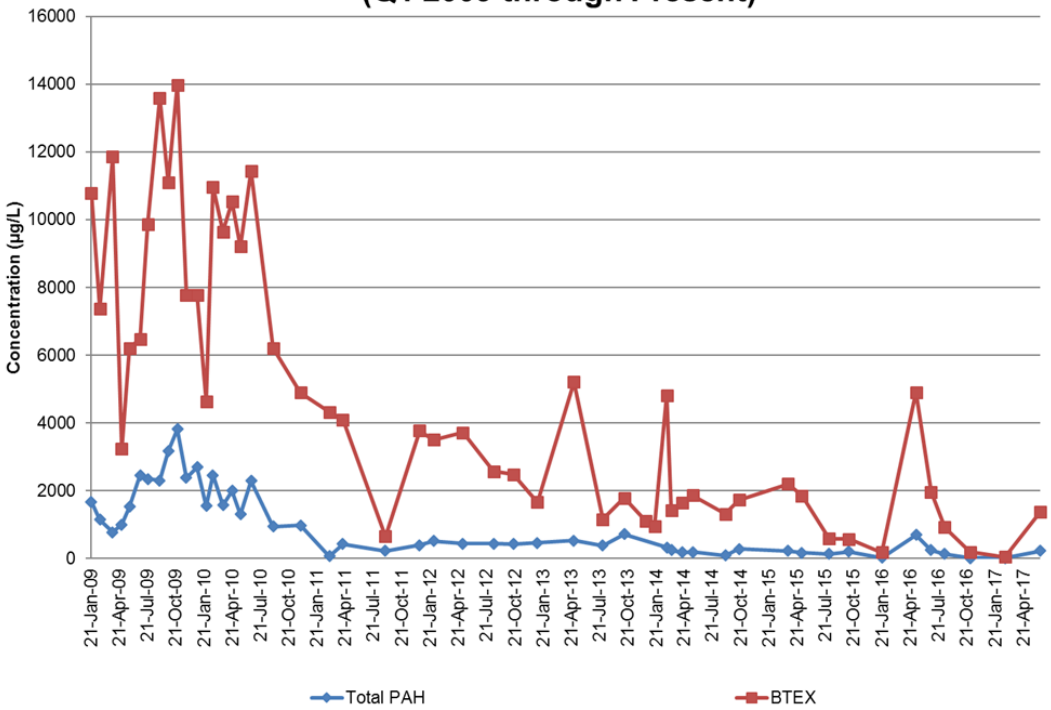
Note:
* – OU-1 downgradient wells include OZMW-16S, OZMW-17S and OZMW-18S.

There were no significant changes in shallow zone total BTEX or total PAH concentrations within the last year (since Q2 2016). As noted above, a generally decreasing trend has been noted in the only well with remaining concentrations above 100 µg/L in OU-2 (BBMW-23S); however, significant variations have been noted (see graph below).

Recent Average Shallow GW Concentrations - Wells Downgradient of OU-1 North Oxygen Injection Line



BBMW-23S Concentrations During the Remedial Period (Q1 2009 through Present)

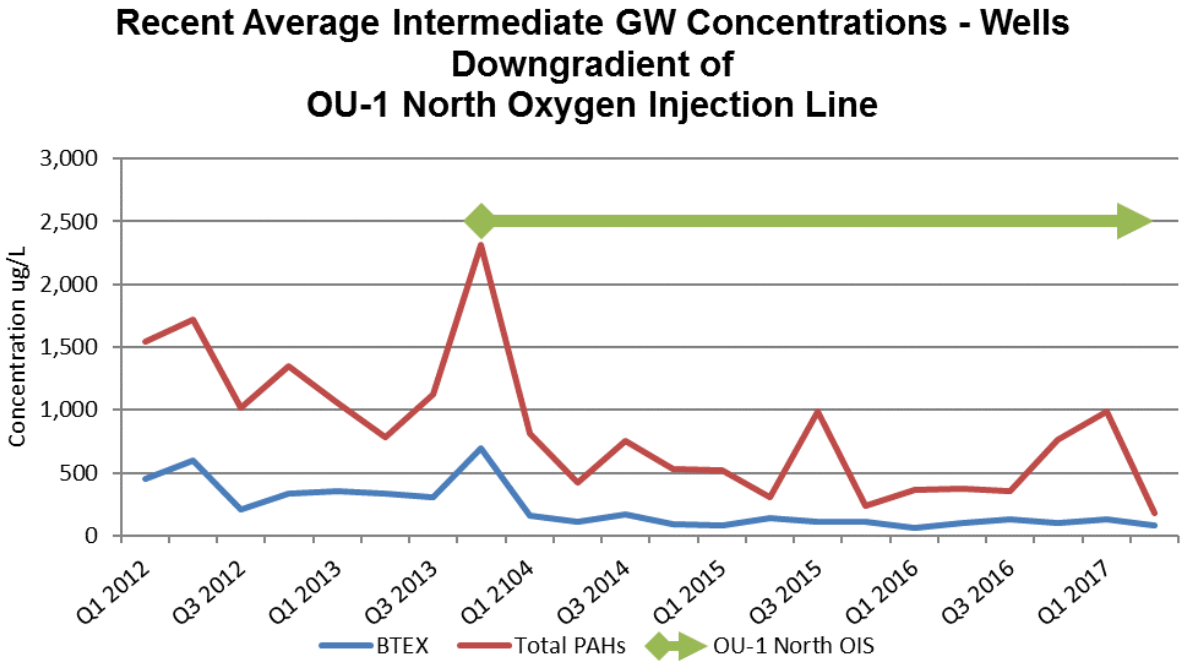


4.2.2.2 Intermediate Zone

Remedial activities, including operation of the oxygen injection systems, have greatly reduced the total BTEX and total PAH plumes in the intermediate zone. During the past several years, the reductions have been significant with impacts currently (during Q2 2017) confined to OU-1 (**Figures 13** and **14**). In the period between Q2 2015 and Q2 2017, total BTEX and total PAH impacts above 100 µg/L in the intermediate zone in OU-2 were limited to a detection of total PAHs in one well during Q1 2017.

The intermediate plume in OU-1 is divided into two areas, a central area behind the barrier wall, and an area located outside the eastern edge of the barrier wall. The central section of the plume begins in the central portion of OU-1 and extends downgradient, ending roughly at the barrier wall.

Excluding one detection of total BTEX above 100 µg/L in BBMW-37I during Q3 2016, the impacted area located to the east of the barrier wall is defined by two wells in one well cluster (OZMW-19). The OZMW-19 cluster is located immediately east of the barrier wall. The total BTEX concentrations in these wells (OZMW-19I and OZMW-19I2) have remained relatively stable during the past year, but the total PAH concentrations have been varied. These variations are particularly evident in OZMW-19I, which was as low as 140 µg/L (Q3 2016) and as high as 1,990 µg/L (Q1 2017) during the past year. Historically, the impacts in the area began in the vicinity of the LIRR tracks and extended into OU-2; however, in recent sampling events, the impacts have generally been limited to the area between the LIRR tracks and Union Boulevard. Similar to the shallow zone, the reduction in impacts in this area is likely directly attributable to the installation of the OU-1 North oxygen injection line in Q3/Q4 2013. The graph below illustrates the reductions in intermediate wells downgradient of the system following installation.



As mentioned above, the intermediate impacts in OU-2 have been greatly reduced and were no longer present within the OU during three of the four quarters within the annual period. The exception included a detection of total PAHs of 1,341 µg/L in OZMW-18I2 during Q1 2017, which extending downgradient into OU-2. OZMW-18I2 is located immediately downgradient of the barrier wall. Prior to Q1 2017, a detection of total PAHs above 100 µg/L had not been noted in this well since Q1 2013. The Q2 2017 concentration of total PAHs in OZMW-18I2 decreased to 17 µg/L, which is similar to other recent sampling events. The reductions in total BTEX (**Table 4c**) and total PAHs (**Table 4d**) are illustrated in the tables and graph below.

Table 4c – Comparison of Total BTEX Concentrations in Intermediate Groundwater

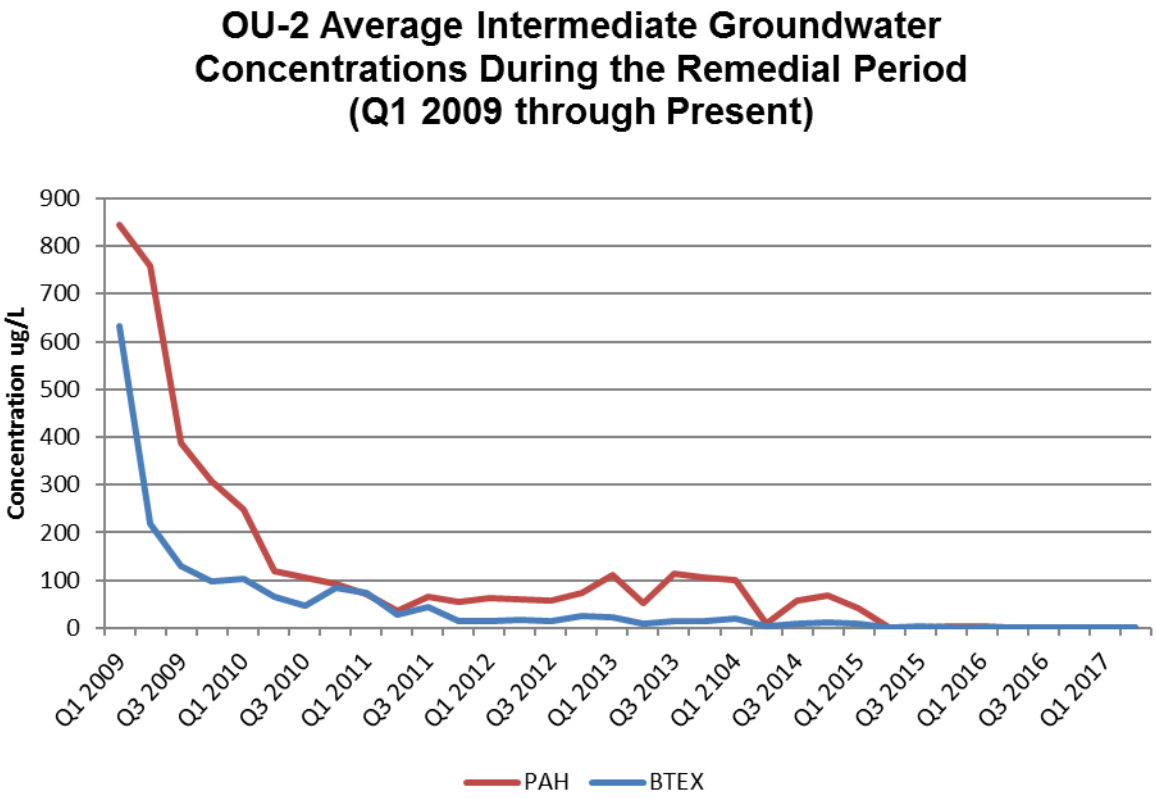
Operable Unit	Intermediate Zone Total BTEX Concentrations (µg/L)					
	Range			Average		
	Baseline Q1 2009	Q2 2016	Q2 2017	Baseline Q1 2009	Q2 2016	Q2 2017
OU-1 (Overall)	0 – 607	0 – 999	0 – 736	102	86	65
OU-1 (Downgradient)*	0 – 441	0 – 27	0 – 3	139	5	1
OU-2	0 – 28,040	0 – 0	0 – 4	637	0	0

Note:
* – OU-1 downgradient wells include OZMW-16I, OZMW-16I2, OZMW-17I, OZMW-17I2, OZMW-18I and OZMW-18I2.

Table 4d – Comparison of Total PAH Concentrations in Intermediate Groundwater

Operable Unit	Intermediate Zone Total PAH Concentrations (µg/L)					
	Range			Average		
	Baseline Q1 2009	Q2 2016	Q2 2017	Baseline Q1 2009	Q2 2016	Q2 2017
OU-1 (Overall)	0 – 7,728	0 – 3,181	0 – 4,475	895	470	619
OU-1 (Downgradient)*	0 – 7,728	0 – 24	0 – 17	1,316	5	3
OU-2	0 – 7,147	0 – 17	0 – 3	877	1	0

Note:
* – OU-1 downgradient wells include OZMW-16I, OZMW-16I2, OZMW-17I, OZMW-17I2, OZMW-18I and OZMW-18I2.



Differences in intermediate impacted groundwater from Q1 2009 (baseline) and Q2 2017 are summarized as follows (**Figures 13** and **14**):

- The Q2 2017 plume has been greatly reduced and is confined to OU-1.
- Concentrations have generally decreased significantly throughout the plume (see tables and graph above). The decreases are particularly evident in the areas downgradient, or in the immediate vicinity, of the groundwater treatment systems present at the downgradient edge of OU-1 and throughout the axis of the plume in OU-2.

Changes in intermediate total BTEX or total PAH impacts within the last year (since Q2 2016) are limited to an increase of total PAHs in OZMW-18I2 during Q1 2017. As stated above, the impacts noted during Q1 2017 did not persist during Q2 2017. The concentrations in this area will continue to be monitored in future sampling events.

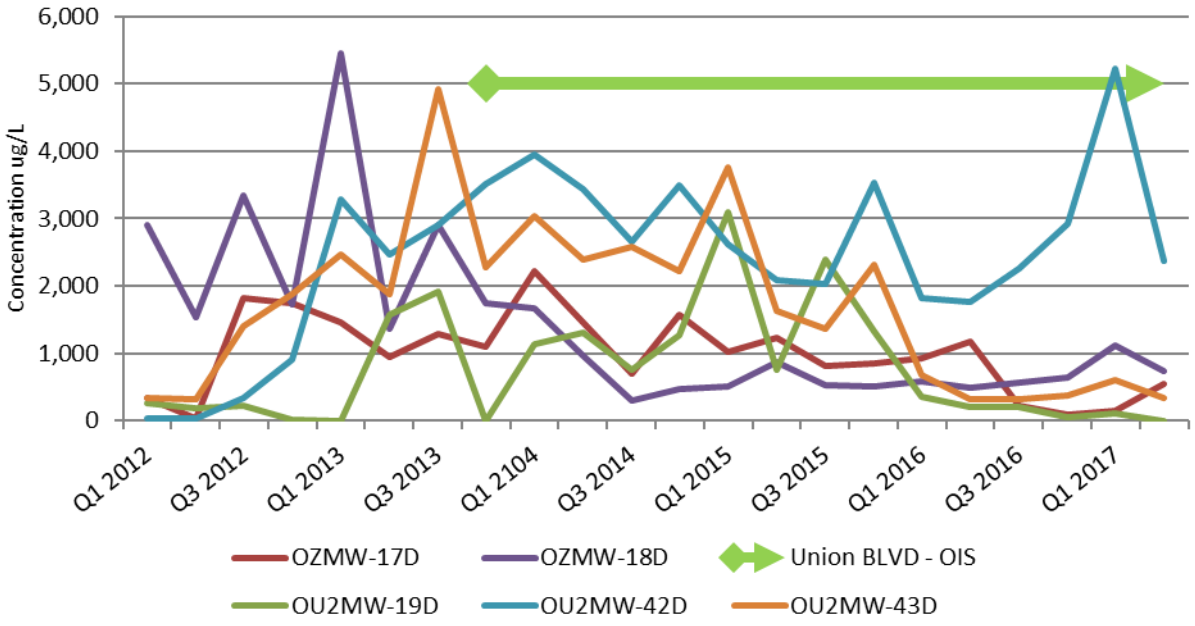
4.2.2.3 Deep Zone

In the deep groundwater (below a depth of approximately 50 feet within the Upper Glacial aquifer) of OU-1/OU-2, total BTEX and total PAH impacts above 100 µg/L are primarily present in the same general areas as recent sampling events (**Figures 15** and **16**). The total PAH impacts are larger in size and generally characterized by higher concentrations than the corresponding total

BTEX impacted areas and are the focus of the discussion below. These areas include behind the barrier wall in OU-1 and immediately downgradient of the barrier wall extending into the mid-plume area in OU-2. In OU-2, total BTEX impacts are divided into two separate areas, while total PAH impacts have generally been present in one continuous section during the annual monitoring period.

Concentrations in monitoring wells immediately downgradient of the barrier wall (OZMW-17D and OZMW-18D) have remained elevated in recent sampling events. The concentrations in monitoring well OZMW-17D were higher in recent sampling events prior to the current annual period than those in OZMW-18D; however, this pattern has reversed during the past year with decreases evident in OZMW-17D and increases in OZMW-18D. Overall, the average deep total PAH concentration of these wells has decreased during the past year relative to the previous annual period (Q3 2015 through Q2 2016). Total PAH concentrations in each of these wells remained below the historical average during the past year. Based on groundwater modeling and the elevated concentrations at these locations, there appears to be a stagnation point downgradient of the barrier wall. Additional deep injection wells were installed in this area along the Union Boulevard oxygen injection line in Q3/Q4 2013 and again in Q3 2015 to treat these impacts. The concentrations in these wells remain variable, but have generally been decreasing (see graph below).

Recent Deep Zone Total PAH Concentrations - Downgradient of Union Blvd. OIS and Cooper Lane OIS



As mentioned above, deep total BTEX impacts in OU-2 are divided, while the total PAH impacts have generally been continuous from the area downgradient of the barrier wall to the area of the Cooper Lane and 33 North Clinton Avenue oxygen injection systems. Total PAH concentrations

in the monitoring wells OU2MW-19D and OU2MW-43D have been decreasing in recent sampling events as shown in the graph above. The total PAH concentrations in OU2MW-19D were over 1,000 µg/L as recently as Q4 2015, but decreased to below detection levels in Q2 2017. The average total PAH concentrations in OU2MW-42D have increased and have remained over 1,000 µg/L during the past year. The additional modifications to the Union Boulevard oxygen injection system are anticipated to continue to reduce concentrations in the area in future sampling events. However, if decreasing trends doo not become apparent, additional remedial measures will be considered.

Differences for deep impacted groundwater from Q1 2009 and Q2 2017 are summarized as in the tables below (**4e** and **4f**) and **Figures 15** and **16**, and as follows:

- The plume has been eliminated in downgradient areas of OU-2.
- Concentrations have generally been decreasing in areas downgradient of the treatment systems in OU-2 as indicated below. Exceptions include the impacted areas noted above.

Table 4e – Comparison of Total BTEX Concentrations in Deep Groundwater

Operable Unit	Deep Zone Total BTEX Concentrations (µg/L)					
	Range			Average		
	Baseline Q1 2009	Q2 2016	Q2 2017	Baseline Q1 2009	Q2 2016	Q2 2017
OU-1 (Overall)	0 – 2,314	0 – 1,852	0 – 815	335	304	176
OU-1 (Downgradient)*	0 – 216	0 – 177	4 – 148	72	94	86
OU-2	0 – 569	0 – 922	0 – 1,061	59	71	81

Note:
* – OU-1 downgradient wells include OZMW-16D, OZMW-17D and OZMW-18D.

Table 4f – Comparison of Total PAH Concentrations in Deep Groundwater

Operable Unit	Deep Zone Total PAH Concentrations (µg/L)					
	Range			Average		
	Baseline Q1 2009	Q2 2016	Q2 2017	Baseline Q1 2009	Q2 2016	Q2 2017
OU-1 (Overall)	0 – 5,140	0 – 2,483	0 – 3,842	707	645	718
OU-1 (Downgradient)*	0 – 435	0 – 1,178	9 – 735	146	558	427
OU-2	0 – 7,007	0 – 1,768	0 – 2,370	455	140	182

Note:
* – OU-1 downgradient wells include OZMW-16D, OZMW-17D and OZMW-18D.

Changes in deep impacts within the last year (since Q2 2016) are limited to the slight narrowing of the plume in the vicinity of the Cooper Lane and 33 North Clinton Avenue oxygen injection systems as a result of the decreases in OU2MW-19D and OU2MW-43D.

Changes to the groundwater concentrations for total BTEX and total PAH in OU-1/OU-2 described above are supported in the graphical presentations. Time series plots graphically displaying the analytical results and are provided for wells located downgradient of the oxygen injection systems on **Figures 4** and **5**.

4.3 Operable Unit 3

A summary of the remedial activities conducted in OU-3 is provided in Sections 1 and 2 of this report. In addition to the ongoing oxygen injection groundwater treatment systems and IRMs discussed in Section 2.3, the OU-3 LIRR Excavation/Temporary Track Relocation IRM (Phases I and II) was initiated in Q4 2009 and completed by Q2 2010. Additionally, the LIRR Excavation IRM, Phase III (Brightwaters Yard) was conducted during Q3 2010 and completed in September 2010. These excavation activities involved the removal of approximately 13,825 tons of impacted material from the Brightwaters Yard and immediately downgradient within the LIRR ROW, to depths ranging from 8 to 12 feet bgs.

Following the remedial excavations (Phases I, II, and III), which were completed in September 2010, soil and groundwater investigations in the Brightwaters Yard, as well as in the area immediately south of the LIRR tracks, were conducted in December 2010, June 2011, and February 2012 to evaluate the post-excavation IRM groundwater conditions. Replacement groundwater monitoring wells, along with several new monitoring wells, were installed to further and more accurately define the impacts in the area.

Remedial activity, conducted to address impacts identified following the remedial excavations has included the following:

- Reconfiguration of the Community Road oxygen injection line (Q1 2012);
- Targeted ORC-A injection programs in the downgradient area (Q2 and Q3 2013, and January 2015);
- The installation of the 87 Community Road oxygen injection system (late Q3 and early Q4 2013);
- Modification to the 87 Community Road system to include treatment within the excavation sheeting cells (completed in July 2015).

Significant reductions to groundwater impacts in the vicinity and downgradient of these areas have been noted in recent sampling events, as discussed further below. As a result of these remedial efforts, the plume (impacts above 100 µg/L) in the area downgradient of the LIRR ROW has been eliminated.

Monitoring wells in OU-3 with elevated BTEX concentrations typically have PAH concentrations detected at significantly lower levels; therefore, BTEX concentrations can be used as an indicator of impacted groundwater and are the focus of the discussions below. The PAH data is provided in the tables and figures as referenced below. The discussion of OU-3 impacts has been divided into four areas: upgradient (Brightwaters Yard), within the sheeting cells in the LIRR ROW, immediately south of the LIRR ROW (87 Community Road property), and downgradient of the Community Road oxygen injection system. The monitoring well locations are provided on **Figure 1** and the data is provided in **Tables 4-11** and **4-12**.

4.3.1 Total BTEX and Total PAH Composite Plume

The composite Q2 2017 plume is present in in the Brightwaters Yard and extends to the downgradient edge of the LIRR ROW. The plume reaches a maximum width of over 200 feet at the downgradient edge of the Brightwaters Yard (**Figure 1**).

Significant changes to the outline of the Q2 2017 composite plume as compared to the Q1 2009 composite plume are noted as follows:

- The area of impacted groundwater in the Brightwaters Yard north of the LIRR tracks in Q2 2017 is larger in comparison to Q1 2009. This is a result of the detected concentrations in additional wells installed in the area in Q4 2010 and Q2 2011, which are located farther (laterally) from the center of impacts than the wells present in the area in Q1 2009.
- The historical area of impacted groundwater has been reduced and is no longer present in the area downgradient of the LIRR ROW.

The composite Q2 2017 plume is slightly smaller than the corresponding Q2 2016 depiction when impacts were present in several wells downgradient of the LIRR ROW.

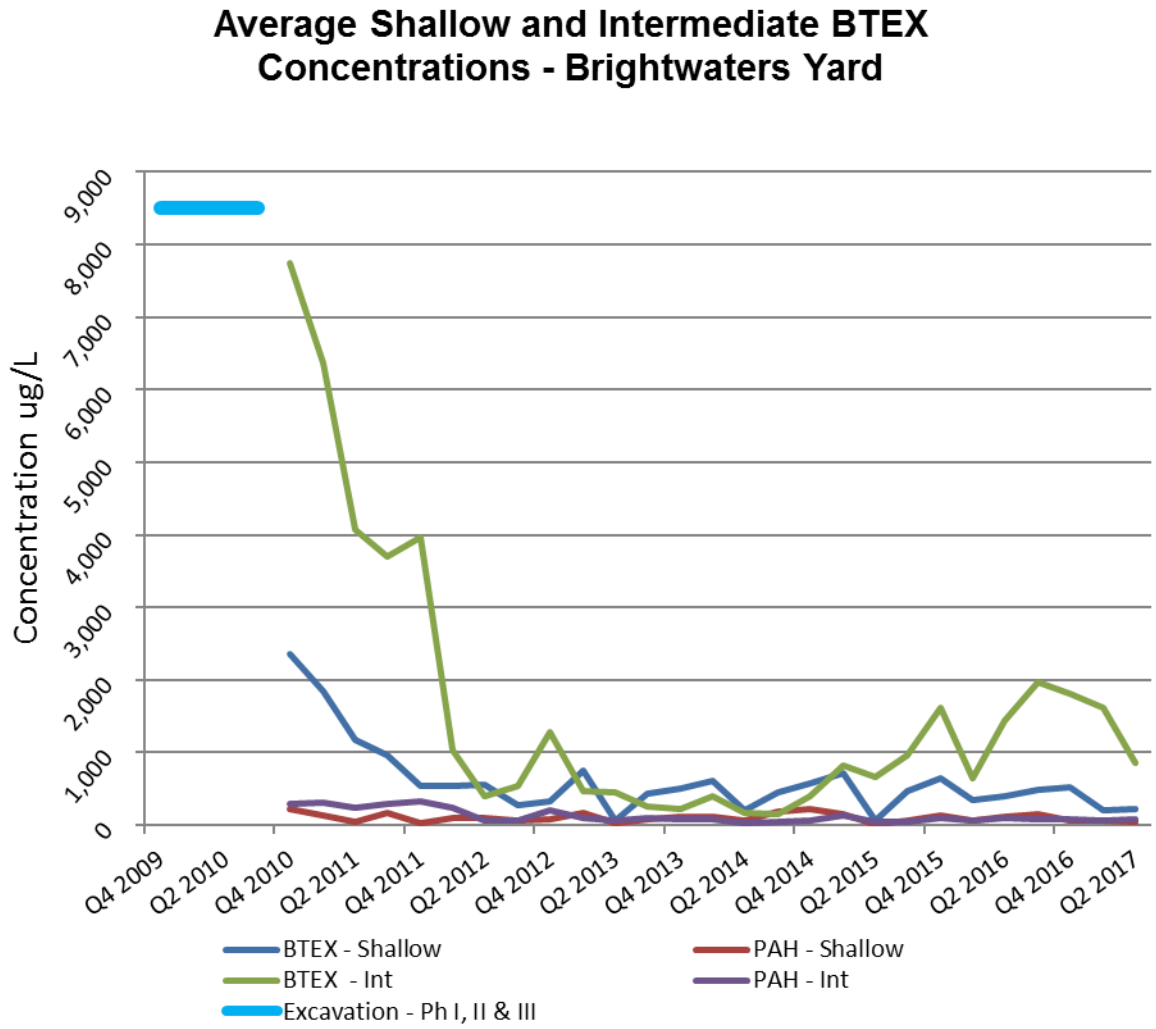
4.3.2 Current Plume Description and Comparison to Baseline Q1 2009 Plume

A description of the current groundwater plume configuration and a comparison of BTEX in the groundwater depth zones between Q1 2009 and Q2 2017 are provided below. As mentioned above, monitoring wells in OU-3 with elevated BTEX concentrations typically have PAH concentrations detected at significantly lower levels; therefore, BTEX concentrations are used as an indicator of impacted groundwater and are the focus of the discussions below.

The total BTEX and total PAH concentrations detected in the quarterly sampling round from each of the wells through Q2 2017 are presented in **Table 4-11** and **Table 4-12**, respectively. The complete analytical results for Q3 2016 through Q2 2017 are presented in **Table 4-13**. The area of total BTEX and total PAH impacts above 100 µg/L for shallow zone wells in OU-3 are provided on **Figures 11** and **12**. Intermediate impacts are presented on **Figures 13** and **14**.

4.3.2.1 Upgradient Area (Brightwaters Yard)

Shallow groundwater concentrations in the Brightwaters Yard have decreased significantly since completion of source area excavations and have generally continued to decrease. Intermediate groundwater concentrations, while significantly lower than those historically observed in the shallow zone, increased following removal of the Brightwaters Yard oxygen injection system prior to the source area excavations in 2010. The intermediate zone concentrations had been generally decreasing significantly since completion of source area excavations from greater than 35,000 µg/L to an average of less than 1,000 µg/L prior to increases from Q2 2016 through Q4 2016. The graph presented below illustrates the decreases evident in the area, and highlights the periods of remedial activity in the area.



The maximum total BTEX concentrations in shallow groundwater in the Brightwaters Yard prior to excavation ranged from greater than 100,000 µg/L in 2004, to 46,000 µg/L in 2009 immediately prior to excavation. Total BTEX and total PAH concentrations in shallow wells have continued to decrease with the highest detections during Q2 2017 being 681 µg/L and 121 µg/L, respectively in monitoring well OU3MW-16S. This well is located on the southwest portion of the site, west of the main source excavation area. A spot excavation was performed to remove the limited impacts in this area during the 2010 Excavation IRM. The total BTEX concentrations in OU3MW-16S have fluctuated in recent sampling events, but are generally trending downward. Total BTEX concentrations in monitoring well OU3MW-08S, also located in the area, have been variable, but generally decreasing since Q4 2015. Total BTEX and total PAHs concentrations in shallow groundwater monitoring well OU3MW-09S, located just to the east of this area, have been at detection levels since Q1 2016. Sampling at the remaining shallow wells in the Brightwaters Yard has been discontinued in accordance with the NYSDEC-approved sampling reduction protocol due to the lack of detections.

No significant total BTEX or total PAH impacts were detected in intermediate groundwater in the Brightwaters Yard prior to removal of the Brightwaters Yard oxygen injection system, and the source area excavation in Q4 2010. During the past year, elevated concentrations (above 100 µg/L) of total BTEX have been present in two intermediate wells installed subsequent to the source area excavation, OU3MW-09I and OU3MW-10I, located immediately upgradient of the LIRR excavations. Since Q2 2016, the total BTEX concentration in OU3MW-09I has decreased from 4,180 µg/L to 2,481 µg/L in Q2 2017 and remains significantly below the initial concentrations detected immediately following source area excavation (38,700 µg/L in Q4 2010). Concentrations in OU3MW-10I have decreased in recent sampling events and were below 100 µg/L during two of the four sampling events in the current annual monitoring period. Concentrations of total PAHs in these wells are lower than the corresponding total BTEX concentrations, but have followed similar trends. Total BTEX and total PAHs in the deeper intermediate well OU3MW-09I2, screened from 35 to 40 feet bgs, have remained at or near detection levels.

The apparent increase in intermediate zone impacts detected immediately following source removal may be due to the abandonment of the Brightwaters Yard oxygen injection system in Q3 2009 prior to the source area excavation and the installation of additional intermediate zone monitoring wells immediately following the excavation. The Brightwaters Yard oxygen injection system was not effective in reducing the high source area concentrations present in the shallow peat unit in the Brightwaters Yard. However, the data indicate this system may have been effective in addressing the dissolved phase impacts in the intermediate zone sand unit located immediately below the source zone. When this system was abandoned, the intermediate zone groundwater impacts temporarily increased, until removal of the shallow source zone impacts.

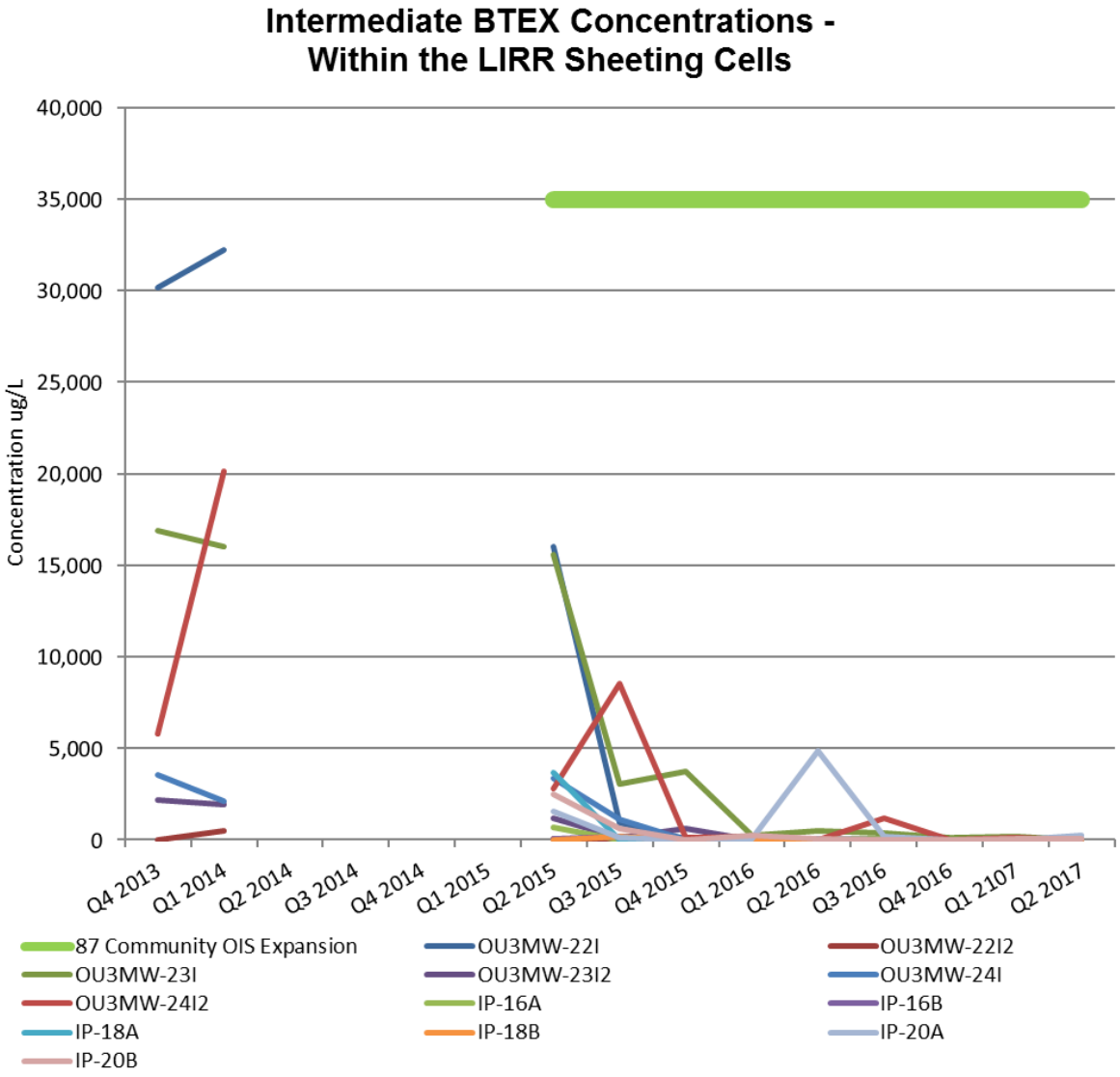
In comparison to the Baseline Q1 2009 plume, the area of shallow total BTEX impacts in the Brightwaters Yard is similar in size, but the magnitude of impacts is significantly less. The location of the remaining impacts is adjacent to the localized spot excavation performed in 2010, west of the main source area excavation. In comparison to Q1 2009, maximum and average concentrations in the Brightwaters Yard have decreased by two orders of magnitude. Intermediate zone total BTEX impacts have increased relative to Q1 2009 (when no impacts above 100 µg/L were present), following abandonment of the Brightwaters Yard oxygen injection system; however, they are significantly lower than they were in the initial sampling events following the completion of excavation. Total PAH impacts have followed similar patterns to those described above for total BTEX.

4.3.2.2 LIRR ROW

Remaining impacts have been identified in the intermediate zone of the three southwestern most sheeting cells left in place following the LIRR Excavation IRM. The monitoring wells located at the downgradient edge of these cells (OU3MW-22I, OU3MW-22I2, OU3MW-23I, OU3MW-23I2, OU3MW-24I, and OU3MW-24I2) were subsequently converted to injection wells as part of the upgrade to the 87 Community Road oxygen injection system. Additional injection wells (IP-16A, IP-16B, IP-18A, IP-18B, IP-20A, and IP-20B) were installed during Q2 2015 as part of the system upgrade to treat impacts in the upgradient/central portion of the same three sheeting cells. All of these wells are located within the intermediate monitoring zone. All of the injection wells are

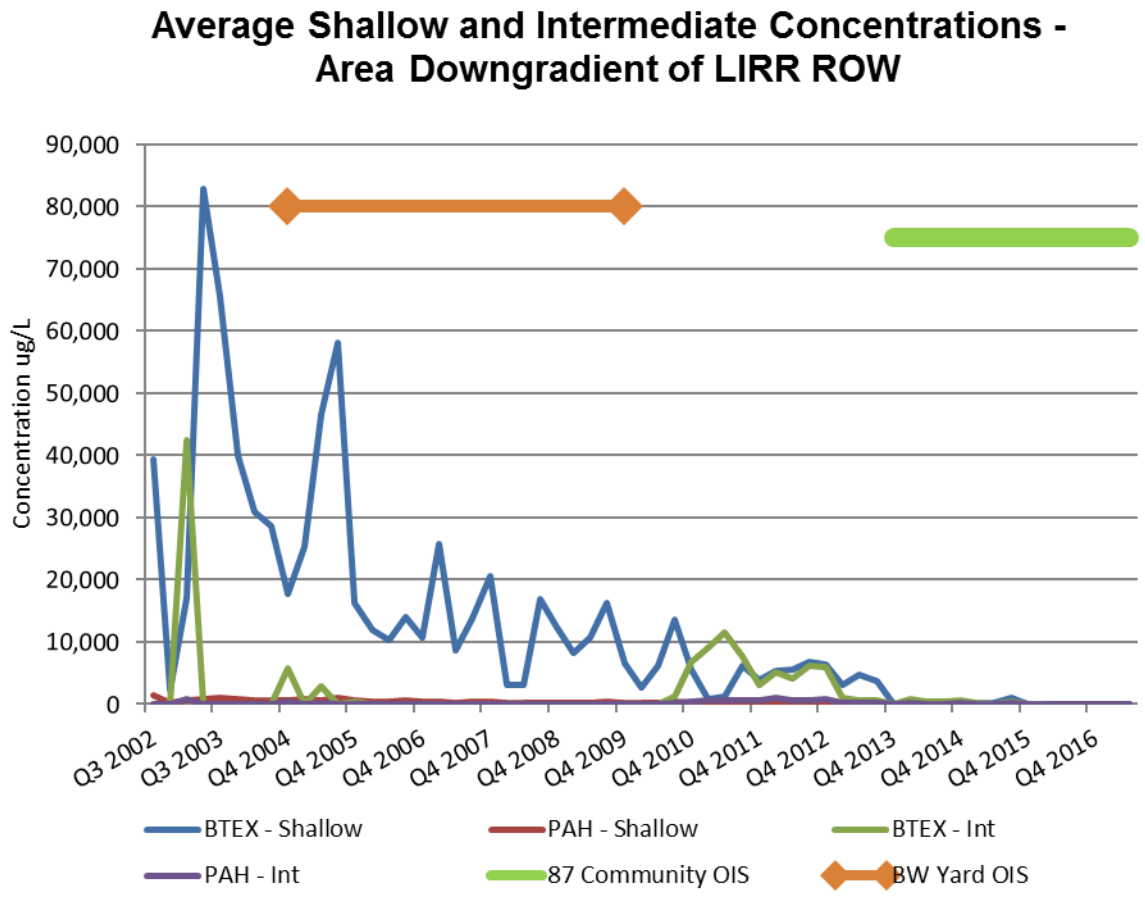
currently included in the quarterly sampling program, excluding IP-18A, which has been reduced to annual sampling in accordance with the approved reduction criteria. The monitoring wells, injection wells, and sheeting cells are shown on **Figure 1**.

The BTEX and PAH impacts within the LIRR sheeting cells are significantly less than the concentrations detected prior to source removal and are likely residual impacts that have remained elevated due to the reduced groundwater flow through the sheeting cells. These impacts have been significantly reduced since oxygen injection began in the area in late Q2 2015. The maximum total BTEX concentration immediately prior to the start of treatment was 16,000 µg/L in monitoring well OU3MW-22I and were as high as 32,200 µg/L in Q1 2014. During Q2 2017, only one of these wells (IP-20A) had total BTEX concentration above 100 µg/L. The total BTEX concentrations in these wells are shown in the graph below.



4.3.2.3 Area Immediately South of the LIRR ROW (83 and 87 Community Road Properties)

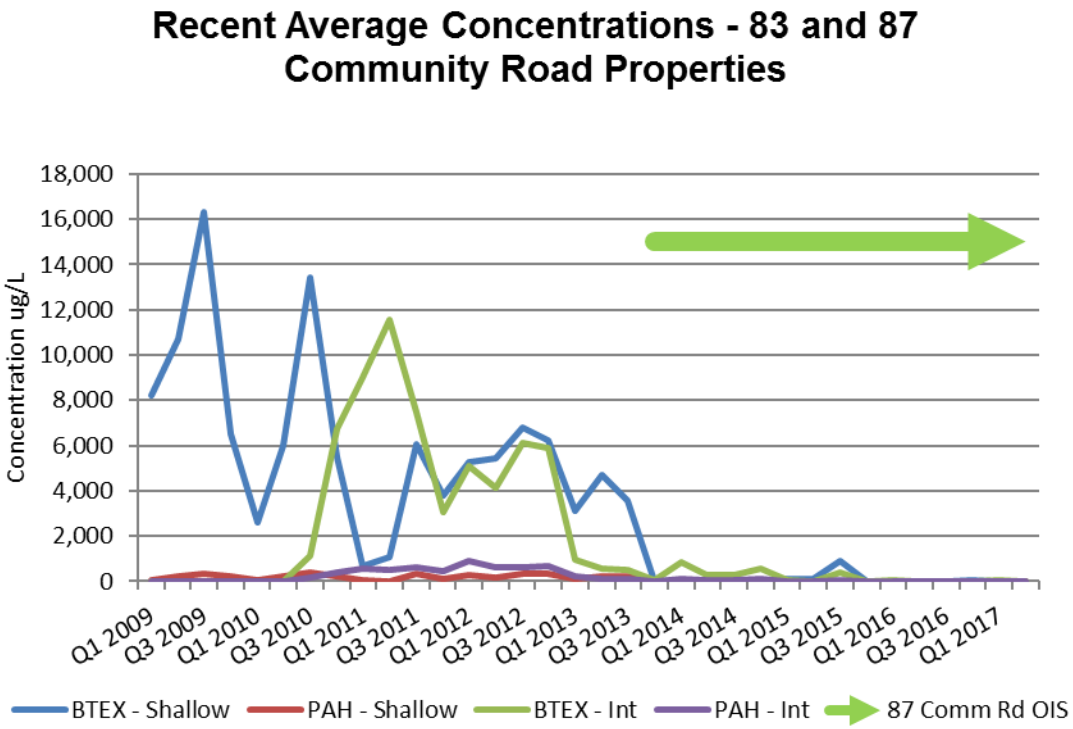
Following excavation of upgradient source material, BTEX concentrations in shallow groundwater monitoring wells located on the 83 and 87 Community Road properties immediately south of the LIRR tracks had been generally decreasing, but highly variable. Increasing concentrations of BTEX in intermediate zone wells were observed from approximately Q3 2010 through Q4 2012, following the abandonment of the Brightwaters Yard oxygen injection system; however, decreasing trends have been evident since Q4 2012. Groundwater concentrations have decreased significantly since the installation of the oxygen injection system on the 87 Community Road property, which was brought online in early Q4 2013, (see graphs below).



Historically, average shallow total BTEX concentrations in the area have been as high as approximately 75,000 µg/L and were over 12,000 µg/L during Q3 2010 following the completion of the upgradient excavations. Following the start-up of the oxygen injection system in the area in Q4 2013, average shallow total BTEX concentrations decreased by three orders of magnitude, from over 3,000 µg/L to near detection levels. During Q2 2017, the maximum shallow total BTEX concentration in the area was 29 µg/L in monitoring well OU3MW-19S. Lesser reductions were

noted for shallow PAHs, where the average historical detection peaked over 1,000 µg/L and was below detection levels during Q2 2017.

Intermediate zone average total BTEX concentrations, which were largely non-detect in sampling events conducted prior to abandonment of the Brightwaters Yard oxygen injection system in Q3 2009, peaked at over 11,000 µg/L during Q2 2011. Following the installation of the 87 Community Road system during Q4 2013, intermediate concentrations varied, but generally decreased. The average intermediate zone total BTEX concentrations have remained low (below 50 µg/L) since the Q4 2015 sampling event. The graph below presents average concentrations in the area since Q1 2009, illustrating the significant decreases evident since the system installation.

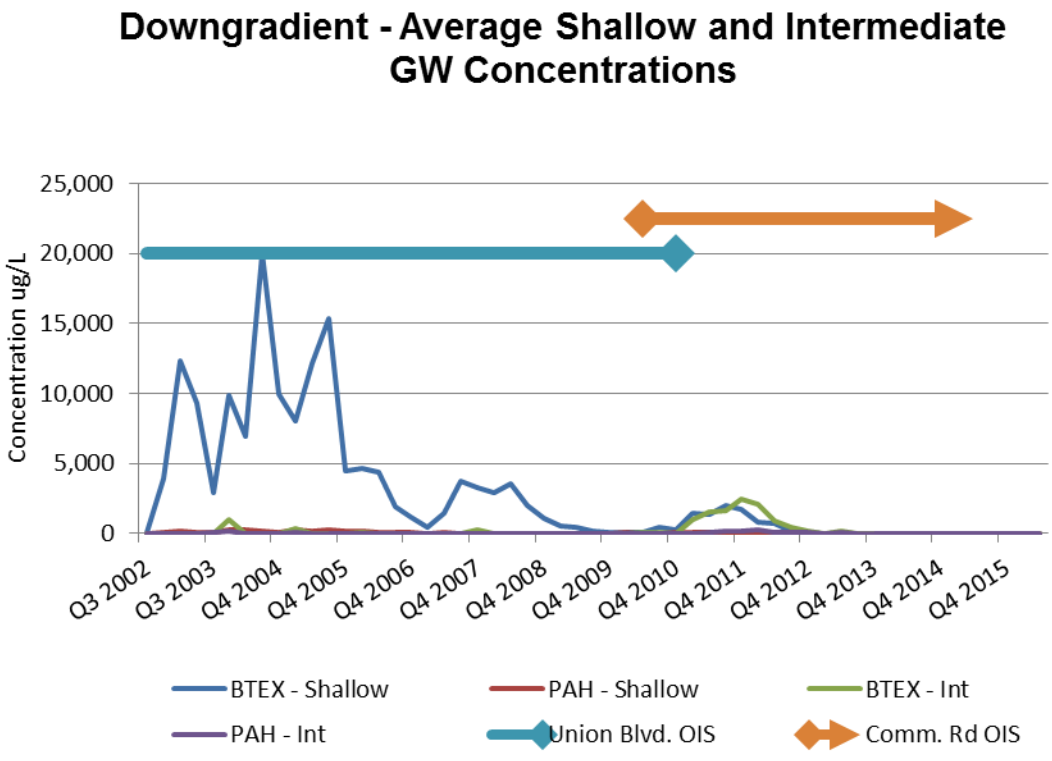


Monitoring well clusters OU3MW-19 and OU3MW-20, which are located near the downgradient edge of the 87 Community Road property, were not included in the graphs since this area was not previously defined. Elevated concentrations in these wells, which were initially sampled during Q3 2013, were primarily identified in the shallow zone at OU3MW-19S, but were also identified in the intermediate zone at each cluster. During the current annual monitoring period, the highest concentration of total BTEX or total PAHs in these wells was detected in OU3MW-19S, which had a total BTEX detection of 34 µg/L in Q1 2017. The remaining wells were at or near detection levels during this period.

In comparison to Q1 2009, shallow impacts (above 100 µg/L) have been significantly reduced and are no longer present in the area.

4.3.2.4 Downgradient Area

In the downgradient area, south of the Community Road oxygen injection system, significant reductions in the shallow and intermediate zone are evident as shown on the graph below. No impacts above 100 µg/L in the downgradient area have been identified since Q1 2014. Furthermore, average detections of total BTEX and total PAHs in the shallow and intermediate zone have been near detection levels since Q1 2014. Based on the approved reduction criteria, many of the monitoring wells located downgradient of the Community Road oxygen injection system were removed from the sampling program. The graph below illustrates decreases in concentrations from 2004 through Q1 2010 followed by increasing total BTEX and total PAH concentrations roughly coincident with relocation of the Union Boulevard oxygen injection system and following abandonment of the Brightwaters Yard oxygen injection system and source area excavation in late 2010.



In Q1 2009, downgradient impacts were limited to BTEX in the shallow zone. As discussed above, these impacts were not present in the area in recent sampling events. The decreases in the area are likely directly attributable to remedial efforts conducted within and upgradient of the area.

Changes to the groundwater concentrations for total BTEX and total PAHs described above are further supported in additional graphical presentations. Time series plots displaying the graphical analytical results for wells located downgradient of the oxygen injection systems in OU-3 are provided on **Figure 6**.

4.4 Operable Unit 4

The injection phase of the OU-4 Cesspool Area S-ISCO IRM was initiated in Q2 2009 (April 30, 2009) and was completed in Q4 2009 (December 3, 2009). Therefore, a comparison between the Q1 2009 and Q2 2017 data provides a useful evaluation of the effectiveness of this remedy to date. Several wells in OU-4 (WCMW-11S, I, and D, WCMW-17S, I, and I2, and WCMW-18WT, S, I, and I2) were not sampled in Q1 2009, but were sampled in April 2009, prior to the initiation of S-ISCO injection. For these wells, the April 2009 pre-S-ISCO data was used in the development of the Baseline Q1 2009 iso-concentration maps. In advance of, and during the OU-4 excavation IRM, which was initiated in early Q2 2011, numerous wells were abandoned. As a result, many of the wells sampled in the Baseline Q1 2009 event were not sampled in Q2 2017. The monitoring well network was re-evaluated upon the completion of the remedial work, with the re-installation and sampling of several monitoring wells beginning in Q1 2012. Several of the monitoring well clusters including WCMW-11, WCMW-26, and WCMW-29 within the western side of the cesspool area have not been sampled in recent sampling events due to access restrictions. A summary of the remedial efforts for OU-4 is provided in Sections 1 and 2 of this report.

4.4.1 Total BTEX and Total PAH Composite Plume

In comparison to the OU-4 composite Baseline Q1 2009 Plume, which was indicative of conditions prior to S-ISCO injection, the OU-4 composite Q2 2017 plume depiction is slightly larger in size (**Figure 1**), but present within the same area (south-central portion of the Cesspool Area). Access restrictions to several monitoring wells in the Cesspool Area during Q2 2017 have affected and likely reduced the depiction of the plume in the area.

The Q2 2017 composite area of impacts is slightly larger than the impacts depicted a year ago, (Q2 2016) due to the detection in one well located upgradient of the Cesspool Area.

4.4.2 Current Plume Description and Comparisons

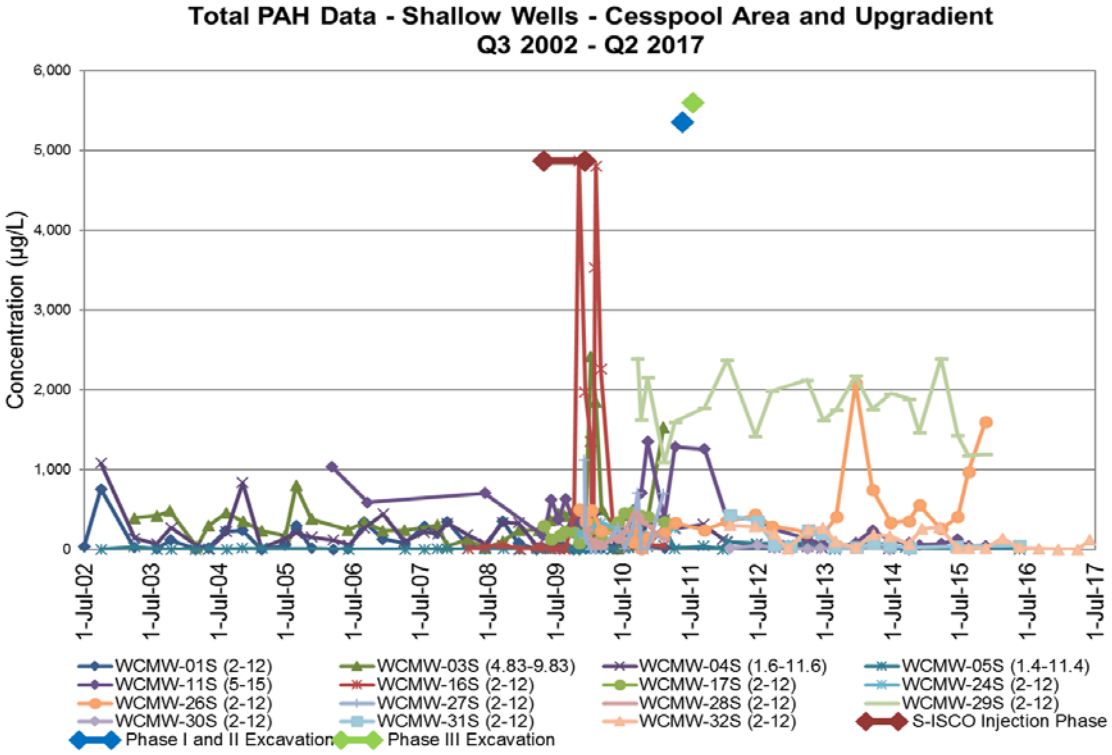
As depicted on **Figures 11, 13**, and **15**, there were no detections of total BTEX above 100 µg/L in OU-4 during Q1 2009 or Q2 2017. As a result of the limited detections of BTEX, the evaluation of groundwater quality for OU-4 will focus on PAHs as the primary COCs. **Figures 12** and **14** illustrate that concentrations of PAHs above 100 µg/L are present in the shallow and intermediate groundwater zones. No PAHs above 100 µg/L were detected in the deep groundwater zone (**Figure 16**). The total BTEX and total PAH concentrations detected in each of the wells through Q2 2017 are presented in **Table 4-14** and **Table 4-15**. The complete analytical results for Q3 2016 through Q2 2017 are presented in **Table 4-16**. The monitoring well locations are shown on **Figure 1**.

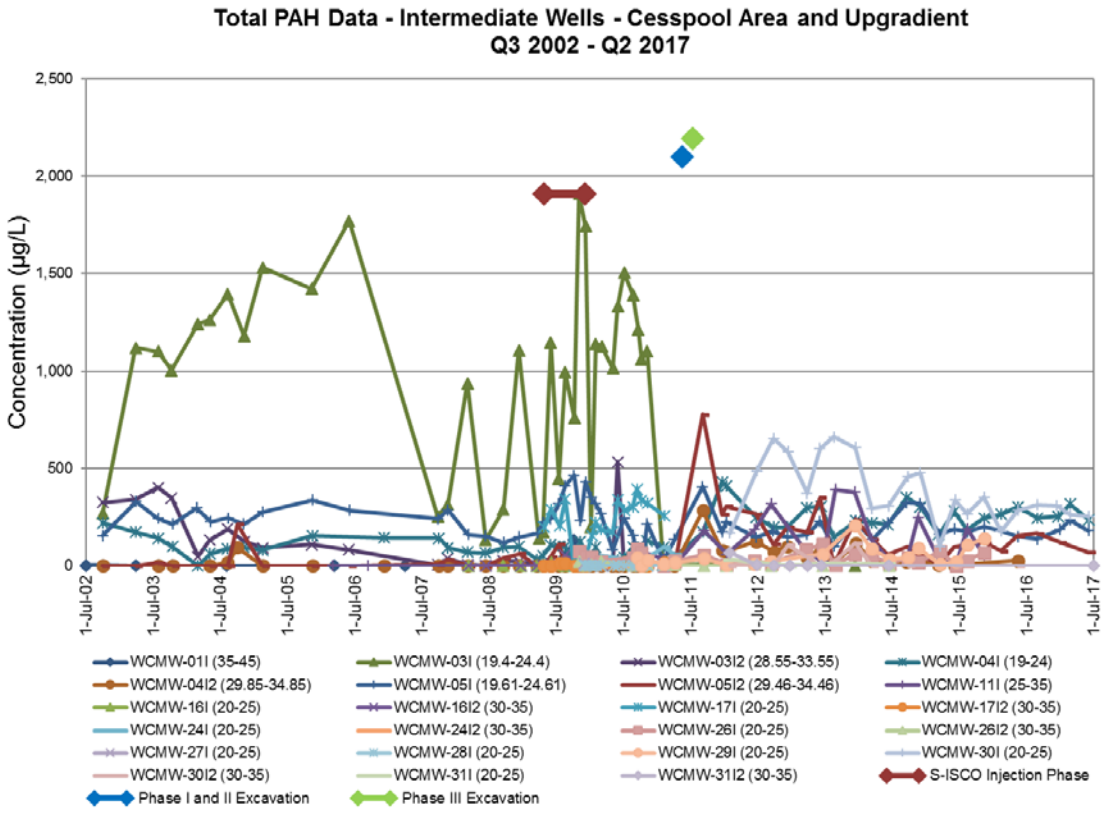
There was only one detection of total PAHs greater than 100 µg/L in water table wells in Q2 2017 (WCMW-32S); however, the monitoring wells with historically elevated detections (WCMW-11S, WCMW-26S, and WCMW-29S) located in the Cesspool Area were not sampled due to access restrictions as mentioned above. Monitoring well WCMW-32S located on upgradient of the

Cesspool Area, had a detection of 116 µg/L during Q2 2017. During the last sampling event in which access to the wells with historical detections mentioned above was available (Q4 2015), elevated concentrations were detected in two out of three wells with a maximum detection of 1,597 µg/L in WCMW-26S. Concentrations from this sampling event are shown in **Table 4-16**. The highest concentrations in the area have generally been detected in monitoring well WCMW-29S, which is located immediately upgradient of WCMW-26S. Both of these wells were installed after S-ISCO injection was complete and are located outside of the excavation area on the 22 Oak Street property. The total PAH concentrations in WCMW-29S have fluctuated between approximately 2,400 µg/L and 1,100 µg/L and were generally decreasing. Average shallow total PAH concentrations have been variable but generally decreasing since the completion of excavation activity. In Q4 2015 only three shallow wells, WCMW-29S, WCMW-26S, and WCMW-11S, had PAH concentrations in exceedance of the groundwater quality criteria. WCWM-26S and WCMW-11S are located downgradient of WCMW-29S on the 22 Oak Street property.

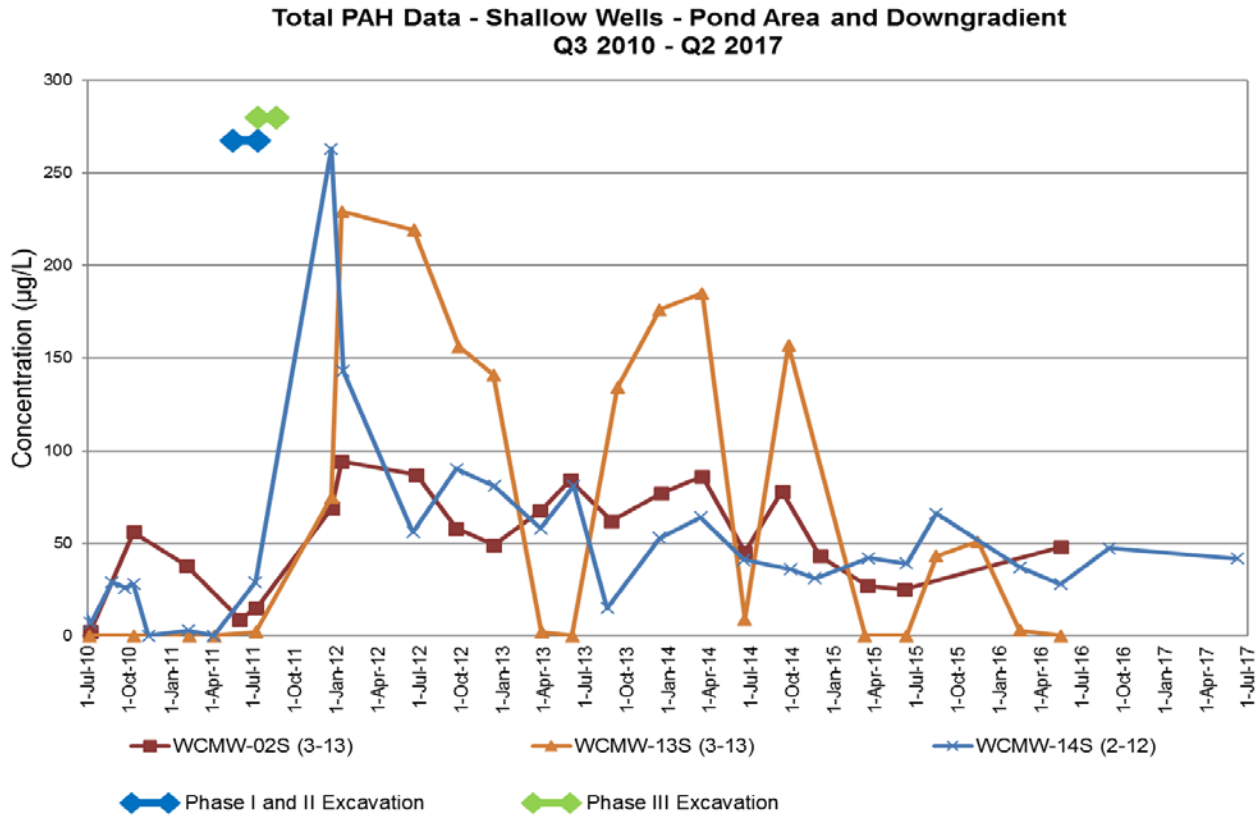
Figure 14 illustrates the total PAH concentrations greater than 100 µg/L present in intermediate zone wells in Q1 2009 and Q2 2017. Since the completion of excavation (Q3 2011), concentrations have been variable, but generally decreasing. Total PAH impacts in the intermediate zone in Q2 2017 are present in the Cesspool Area north of the LIRR, roughly the same area as in Q1 2009. However, the Q2 2017 intermediate PAH impacts are slightly larger in extent. The extent of intermediate zone total PAH impacts in groundwater within the past year have generally been confined to the Cesspool Area with one detection above 100 µg/L during Q3 and Q4 2016 in WCMW-14I downgradient of the LIRR, in the upgradient Pond Area.

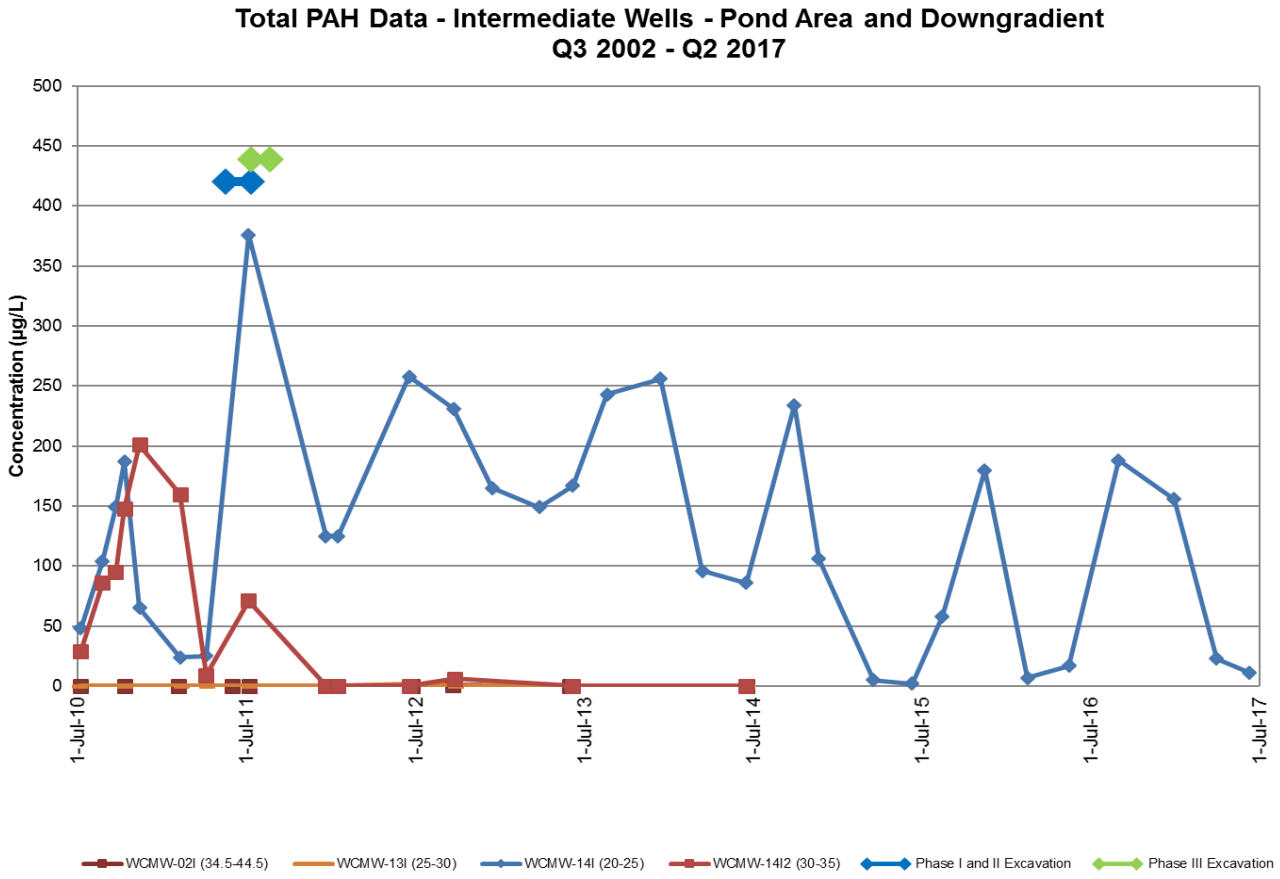
Recent total PAH concentrations in shallow and intermediate groundwater wells in the Cesspool Area and upgradient area are provided on the time series graphs below. The time series graphs generally illustrate an increase in PAH concentrations during S-ISCO application followed by a decrease in PAH impacts after excavation was complete. The exceptions to the trend are shallow groundwater monitoring wells WCMW-26S and WCMW-29S (as discussed above), and intermediate monitoring wells WCMW-04I, WCMW-05I and WCMW-30I. Concentrations in these intermediate wells, which are located outside of the excavation area and are screened beneath the excavation zone, have been varied.


Total PAH Data - Shallow Wells - Cesspool Area and Upgradient
Q3 2002 - Q2 2017
Concentration (µg/L)
6,000
5,000
4,000
3,000
2,000
1,000
0
1-Jul-02
1-Jul-03
1-Jul-04
1-Jul-05
1-Jul-06
1-Jul-07
1-Jul-08
1-Jul-09
1-Jul-10
1-Jul-11
1-Jul-12
1-Jul-13
1-Jul-14
1-Jul-15
1-Jul-16
1-Jul-17
WCMW-01S (2-12)
WCMW-03S (4.83-9.83)
WCMW-04S (1.6-11.6)
WCMW-05S (1.4-11.4)
WCMW-11S (5-15)
WCMW-16S (2-12)
WCMW-17S (2-12)
WCMW-24S (2-12)
WCMW-26S (2-12)
WCMW-27S (2-12)
WCMW-28S (2-12)
WCMW-29S (2-12)
WCMW-30S (2-12)
WCMW-31S (2-12)
WCMW-32S (2-12)
S-ISCO Injection Phase
Phase I and II Excavation
Phase III Excavation


Total PAH Data - Intermediate Wells - Cesspool Area and Upgradient
Q3 2002 - Q2 2017
Concentration (µg/L)
2,500
2,000
1,500
1,000
500
0
1-Jul-02
1-Jul-03
1-Jul-04
1-Jul-05
1-Jul-06
1-Jul-07
1-Jul-08
1-Jul-09
1-Jul-10
1-Jul-11
1-Jul-12
1-Jul-13
1-Jul-14
1-Jul-15
1-Jul-16
1-Jul-17
WCMW-01I (35-45)
WCMW-03I (19.4-24.4)
WCMW-03I2 (28.55-33.55)
WCMW-04I (19-24)
WCMW-04I2 (29.85-34.85)
WCMW-05I (19.61-24.61)
WCMW-05I2 (29.46-34.46)
WCMW-11I (25-35)
WCMW-16I (20-25)
WCMW-16I2 (30-35)
WCMW-17I (20-25)
WCMW-17I2 (30-35)
WCMW-24I (20-25)
WCMW-24I2 (30-35)
WCMW-26I (20-25)
WCMW-26I2 (30-35)
WCMW-27I (20-25)
WCMW-28I (20-25)
WCMW-29I (20-25)
WCMW-30I (20-25)
WCMW-30I2 (30-35)
WCMW-31I (20-25)
WCMW-31I2 (30-35)
S-ISCO Injection Phase
Phase I and II Excavation
Phase III Excavation

Total PAH concentrations in shallow and intermediate groundwater in the Pond Area and downgradient generally increased following S-ISCO application and excavation. These increases were generally followed by decreases in concentrations in most wells as shown on the graphs below. The total PAH concentrations in Q2 2017 were below 100 µg/L in all wells in the Pond Area and downgradient. Concentrations in monitoring well WCMW-14I, located on the upgradient portion of the Pond Area south of the LIRR have been varied. During the current annual monitoring period concentrations decreased from 188 µg/L and 156 µg/L in Q3 2016 and Q4 2016, respectively, to below detection levels in Q1 2017 and 11 µg/L in Q2 2017.





Groundwater data from monitoring wells with total BTEX or total PAH impacts greater than 100 µg/L during any sampling event were included on the OU-4 time series graphs provided above.

4.5 Analysis of Sulfate Concentrations

At the request of the NYSDEC, National Grid has been monitoring sulfate concentrations within OU-1 and OU-2 in monitoring wells upgradient and downgradient of former ISCO IRM areas. Sulfate was also monitored in OU-4 as recently as 2013, but was discontinued due the lack of detections above the groundwater standard. Sampling for additional sulfate analysis began in Q2 2010 and was scheduled to continue for a period of one year, ending in Q1 2011. The purpose of the sulfate sampling program was to establish baseline sulfate concentrations in groundwater and to identify any potential trends associated with remedial activities conducted at the site. The results of this investigation were originally presented in the Q1 2011 GM and OM&M Report. This initial investigation concluded that elevated sulfate concentrations in select monitoring wells exceed the NYS AWQS criteria for Class GA groundwater. Based on these results, sulfate sampling has continued at monitoring wells that exceed the NYS AWQS criteria for Class GA

groundwater, as well as downgradient monitoring wells. A discussion of the analytical results is presented below. This data is presented in **Appendix I**.

4.5.1 OU-1 and OU-2 Sulfate Concentrations Downgradient of the OU-1 ISCO Pilot Tests

Persulfate was injected during two pilot tests within OU-1, north of the LIRR. The first pilot test was completed in 2004 using activated persulfate. The second pilot test was completed in 2006 using activated sodium persulfate. Analytical testing for sulfate in downgradient monitoring wells began in 2007. The former pilot test areas are shown on **Figure 2**.

4.5.1.1 Background Sulfate Concentrations

Background sulfate concentrations have historically been within a range of approximately 5,000 µg/L and 43,000 µg/L. These values were determined based on sulfate concentrations within monitoring wells located upgradient of the ISCO pilot test treatment areas (MW-09S, 09I, 09I2, and 09D, and BBMW-38S, 38I, 38I2, and 38D). Sampling of these wells was discontinued after Q3 2011. These concentrations are depicted on Graph I-1 of **Appendix I**. The monitoring well locations are shown on **Figure 1**.

4.5.1.2 OU-1/OU-2 Trends in Sulfate Concentration

Historically, sulfate concentrations have been observed above the background concentration range at multiple wells within OU-1 and OU-2. A majority of the concentrations at these wells do not exceed the NYS AWQS of 250,000 µg/L. Sulfate concentrations are depicted graphically for monitoring wells with recent concentrations of sulfate greater than the NYS AWQS value of 250,000 µg/L in **Appendix I,** Graph I-2 for OU-1 monitoring wells and Graph I-3 for OU-2 monitoring wells.

Since sampling began in 2007, samples from 23 monitoring wells have exceeded the NYS AWQS criteria for GA groundwater; nine monitoring wells in OU-1 (BBMW-05D, BBMW-06D, BBMW-18D, BBMW-19D, BBMW-22D, OZMW-17D, OZMW-18D, OZMW-23D, and OZMW-24D) and 14 monitoring wells in OU-2 (BBMW-24D, OU2MW-01I2, OU2MW-02I2, OU2MW-19D, OU2MW-24D, OU2MW-27D, OU2MW-30D2, OU2MW-35D, OU2MW-36D, OU2MW-37D, OU2MW-39D, OU2MW-42D, OU2MW-43I, and OU2MW-43D). Concentrations at these monitoring wells have ranged from 11,700 µg/L to 2,470,000 µg/L in OU-1 and between non-detect and 841,000 µg/L in OU-2.

Twenty one of the 23 monitoring wells are screened to below 60 feet bgs in the deep zone. These monitoring wells are located within or downgradient of the former ISCO pilot test injection areas. The persulfate solutions injected during the pilot test were denser than water and therefore, traveled vertically downward after injection. The density of the persulfate solution was modified during the pilot testing to attempt to reduce the vertical migration and increase the lateral migration of the injected persulfate. Monitoring wells with elevated sulfate concentrations are generally located within or downgradient of the ISCO injection pilot test area.

Three wells in OU-1 were sampled for sulfate during the past year (Q3 2016 through Q2 2017). Of the three wells, only one well, OZMW-24D, exceeds the NYS AWQS of 250,000 µg/L. Thirty-one monitoring wells in OU-2 were sampled for sulfate during the past year. Of the 31 wells, two wells (OU2MW-02I2 and OU2MW-30D2) exceeded the NYS AWQS of 250,000 µg/L.

Graphical trends observed in Graphs I-2 and I-3 of **Appendix I** indicate that concentrations are declining in the wells located in OU-1 and the majority of wells in OU-2. The only increasing trends still apparent in wells with exceedances are in monitoring wells OU2MW-01I2 and OU2MW-02I2 located near the downgradient edge of the mid-plume area. Concentrations in monitoring well OU2MW-30D2, also located near the downgradient edge of the mid-plume area, decreased during the past year. The data indicates that sulfate is still present in the lower portions of the intermediate zone and within the deep zones of the aquifer.

5. Future Plans

The GM and OM&M schedule is evaluated on a quarterly basis to keep the remedial systems operating as efficiently as possible. Rationale for sampling groundwater is also evaluated on a quarterly basis. Recommendations for future system GM and OM&M, as well as recommendations and rationale for groundwater, soil vapor, and ambient air monitoring are presented in the sections below.

5.1 Remedial Systems

5.1.1 NAPL Gauging and Recovery

- The frequency of NAPL gauging will remain on a quarterly schedule, as approved by the NYSDEC. The majority of the NAPL measured has been DNAPL. LNAPL observations during the past year have been limited to monitoring well OZMW-21S.
- DNAPL will continue to be recovered once every four weeks.
- Evaluate recovery from several wells with increasing thicknesses of DNAPL (BBRW-08, BBMW-34I2, OZMW-21I, OZMW-21D, and TG-32I2, TG-44I2) in the southern portion of OU-1.

5.1.2 Ozone Groundwater Treatment System

- Continue bi-weekly and monthly inspections.
- Based on the data collected to date, request to modify the treatment system to remove the SVE system and reduce the soil vapor and ambient air monitoring to quarterly.
- Conduct manufacturer recommended maintenance on the system components.

5.1.3 Current Oxygen Injection Systems

- Continue monthly system inspections.
- Continue quarterly groundwater monitoring.
- Continue bi-weekly system inspections.
- Conduct manufacturer recommended maintenance on the systems.
- Remove 29 Community Road oxygen injection system with NYSDEC approval.
- Evaluate groundwater data in vicinity of treatment systems and optimize or shut down systems, as appropriate.

5.2 Groundwater Monitoring

5.2.1 Operable Unit 1 and Operable Unit 2

- Continue evaluation of the groundwater impacts in OU-1 and OU-2, in the vicinity and immediately downgradient of the barrier wall, primarily in the shallow and deep zones.

5.2.2 Operable Unit 3

- The groundwater concentrations in the shallow and intermediate zones in the Brightwaters Yard will continue to be evaluated.

5.2.3 Operable Unit 4

- Continue quarterly monitoring.

5.2.4 Sitewide

- Continue quarterly gauging and sampling of the groundwater monitoring well network in accordance with the approved long-term monitoring program.
- Continue to sample for sulfate at and downgradient of monitoring wells that exceed the NYS AWQS criteria for Class GA groundwater.

5.3 Remedial Activity

5.3.1 Operable Unit 1

- The southern, downgradient line of the 60/66 North Clinton Avenue oxygen injection system was replaced by a new treatment line on the northern, upgradient property boundary and additional injections wells were recently added across North Clinton Boulevard both behind and in front of the barrier wall. A request will be submitted to NYSDEC to abandon the remaining injection wells in the southern line of the 60/66 North Clinton Avenue oxygen injection system.
- Construction of a new building has been proposed on the Bay Shore West parcel. Any required soil remediation to accommodate construction will be conducted in accordance with the Draft Site Management Plan.

5.3.2 Operable Unit 2

- Remove the 29 Community Road oxygen injection system with NYSDEC approval.

5.3.3 Operable Unit 3

- Supplemental groundwater treatment (potential ORC-A application) will be evaluated to address BTEX groundwater impacts in the Brightwaters Yard if further reductions in BTEX concentrations are not observed.

5.3.4 Operable Unit 4

- None.

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Bay Shore, NY

Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]	OU2 OZSV-01 7/26/2016	OU2 OZSV-01 8/16/2016	OU2 OZSV-01 9/26/2016	OU2 OZSV-01 10/24/2016	OU2 OZSV-01 11/28/2016	OU2 OZSV-01 12/22/2016	OU2 OZSV-01 1/26/2017	OU2 OZSV-01 2/15/2017	OU2 OZSV-01 3/30/2017	OU2 OZSV-01 4/19/2017	OU2 OZSV-01 5/30/2017	OU2 OZSV-01 6/22/2017	OU2 OZSV-02 7/26/2016	OU2 BDUP-0726 7/26/2016 OZSV-02
BTEX	µg/m^3															
Benzene		5.8	0.639 U	0.639 U	0.639 U	0.639 U	0.639 U	0.639 U	0.639 U	0.639 U	0.639 U	0.639 UJ	0.639 U	0.639 UJ	0.639 U	0.639 U
Toluene		21	0.754 U	**0.486 J**	0.754 U	0.754 U	0.754 U	0.754 U	0.754 U	0.754 U	**1.21**	0.754 UJ	0.754 U	**0.35 J**	0.754 U	0.754 U
Ethylbenzene		1.9	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 UJ	0.869 U	0.869 UJ	0.869 U	0.869 U
o-Xylene		2.5	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 UJ	0.869 U	0.869 UJ	0.869 U	0.869 U
m/p-Xylene		3.1	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 UJ	1.74 U	1.74 UJ	1.74 U	1.74 U
Other VOCs	µg/m^3															
Acetaldehyde		NE	**6.14**	**23.1**	4.5 U	**3.53 J**	**2.36 J**	**1.84 J**	**2.52 J**	**2.11 J**	**3.73 J**	**2.38 J**	**2.13 JB**	**3.64 J**	**46.8**	**16.5**
Acetone		58	**2.95**	**9.36**	**1.31 J**	**3.59**	**1.49 J**	**1.05 J**	**1.9 JB**	**1.56 J**	**3.44 B**	2.38 UJ	**1.58 JB**	5.13 UJ	**19.6**	**10.9**
Acrolein (propenal)		NE	1.15 U	**0.52 J**	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 UJ	1.15 U	1.15 UJ	**2.52**	**0.906 J**
Allyl chloride (3-Chloropropene)		NE	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 UJ	0.626 U	0.626 UJ	0.626 U	0.626 U
Benzothiophene (1-Benzothiophene)		NE	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 UJ	2.74 U	2.74 UJ	2.74 U	2.74 U
Bromodichloromethane		NE	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 UJ	1.34 U	1.34 UJ	1.34 U	1.34 U
Bromoform		NE	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 UJ	2.07 U	2.07 UJ	2.07 U	2.07 U
Bromomethane		0.9	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 UJ	0.777 U	0.777 UJ	0.777 U	0.777 U
1,3-Butadiene		NE	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 UJ	0.442 U	0.442 UJ	0.442 U	0.442 U
Butane		NE	**0.231 JB**	0.475 U	**0.264 J**	0.475 U	**0.399 J**	**0.145 J**	0.475 U	0.475 U	0.475 U	0.475 UJ	0.475 U	0.475 UJ	**0.43 JB**	**0.383 JB**
t-Butyl alcohol (Tertiary Butyl Alcohol)		NE	1.52 U	**0.224 J**	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 UJ	1.52 U	1.52 UJ	**0.637 J**	1.52 U
Carbon disulfide		NE	0.623 U	0.9 U	0.623 U	**0.28 J**	0.623 U	0.623 U	**0.112 J**	0.623 U	0.623 U	0.623 UJ	0.623 U	0.623 UJ	**0.115 J**	0.623 U
Carbon tetrachloride		1	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 UJ	1.26 U	1.26 UJ	1.26 U	1.26 U
Chlorobenzene		0.25	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 UJ	0.921 U	0.921 UJ	0.921 U	0.921 U
Chloroethane		0.4	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 UJ	0.528 U	0.528 UJ	0.528 U	0.528 U
Chloroform (Trichloromethane)		0.5	**3.41**	**2.47**	**2.93**	**1**	**0.347 J**	0.977 U	**0.459 J**	**0.864 J**	**0.278 J**	**0.591 J**	**0.772 J**	**1.05 J**	**21.6**	**19.5**
Chloromethane		4.6	**0.299 J**	**0.485**	**0.223 J**	0.413 U	0.413 U	0.413 U	0.413 U	0.413 U	0.413 U	0.413 UJ	0.413 U	0.413 UJ	**0.372 J**	**0.702**
2-Chlorotoluene (o-Chlorotoluene)		NE	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 UJ	1.04 U	1.04 UJ	1.04 U	1.04 U
Cryofluorane (Freon 114)		1.3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 UJ	1.4 U	1.4 UJ	1.4 U	1.4 U
Cyclohexane		3	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 UJ	0.688 U	0.688 UJ	0.688 U	0.688 U
n-Decane (C10)		3.6	1.16 U	**0.733 J**	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U	**0.78 J**	1.16 UJ	1.16 U	**0.431 J**	1.16 U	**0.652 J**
Dibromochloromethane		NE	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 UJ	1.7 U	1.7 UJ	1.7 U	1.7 U
1,2-Dibromoethane (EDB)		0.25	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 UJ	1.54 U	1.54 UJ	1.54 U	1.54 U
1,2-Dichlorobenzene		0.9	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 UJ	1.2 U	1.2 U
1,3-Dichlorobenzene		0.7	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 UJ	1.2 U	1.2 U
1,4-Dichlorobenzene		0.8	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 UJ	1.2 U	1.2 U
Dichlorodifluoromethane (Freon 12)		11	**1.4**	**1.28**	**1.11**	**0.846 J**	**0.638 J**	**0.534 J**	**1.08**	**6.13**	**0.628 J**	**1.6 J**	**0.692 J**	**0.806 J**	**0.801 J**	**1.02**
1,1-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 UJ	0.809 U	0.809 UJ	0.809 U	0.809 U
1,2-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 UJ	0.809 U	0.809 UJ	0.809 U	0.809 U
1,1-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 UJ	0.793 U	0.793 UJ	0.793 U	0.793 U
cis-1,2-Dichloroethene		0.25	**1.16**	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 UJ	0.793 U	0.793 UJ	0.793 U	0.793 U
trans-1,2-Dichloroethene		NE	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 UJ	0.793 U	0.793 UJ	0.793 U	0.793 U
1,2-Dichloropropane		0.25	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 UJ	0.924 U	0.924 UJ	0.924 U	0.924 U
cis-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 UJ	0.908 U	0.908 UJ	0.908 U	0.908 U
trans-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 UJ	0.908 U	0.908 UJ	0.908 U	0.908 U
1,4-Dioxane		NE	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 UJ	0.721 U	0.721 UJ	0.721 U	0.721 U
n-Dodecane (C12)		7.6	**0.474 J**	**3.45**	**1.53 J**	**0.836 J**	**0.495 J**	**1.08 J**	**0.481 J**	1.39 U	3.48 U	3.48 UJ	1.39 U	**5.43 J**	**0.418 J**	**3.71**
Ethanol		220	4.71 U	**2.81 J**	4.71 U	**1.15 J**	**2.15 J**	**1.58 J**	4.71 U	**2.83 J**	**5.28**	**2.73 J**	**2.68 JB**	**4.73 J**	**3.62 J**	**1.69 J**

Table 2-1. Soil Vapor Analytical Results
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National Grid, Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

		Operable Unit	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZSV-01	OZSV-01	OZSV-01	OZSV-01	OZSV-01	OZSV-01	OZSV-01	OZSV-01	OZSV-01	OZSV-01	OZSV-01	OZSV-01	OZSV-01	OZSV-02	BDUP-0726
		Sample Date	7/26/2016	8/16/2016	9/26/2016	10/24/2016	11/28/2016	12/22/2016	1/26/2017	2/15/2017	3/30/2017	4/19/2017	5/30/2017	6/22/2017	7/26/2016	7/26/2016
		Parent Sample Code															OZSV-02
Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]															
2-Ethylthiophene		NE	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 UJ	0.918 U	0.918 UJ	0.918 U	0.918 U
4-Ethyltoluene (p-Ethyltoluene)		NE	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 UJ	0.983 U	0.983 UJ	0.983 U	0.983 U
n-Heptane (C7)		5.1	0.82 U	0.82 UJ	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 UJ	0.82 U	0.82 UJ	0.82 U	0.82 U
1,3-Hexachlorobutadiene (C-46)		7	2.13 U	2.13 U	2.13 U	2.13 UJ	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 UJ	2.13 U	2.13 UJ	2.13 U	2.13 U
n-Hexane (C6)		3.6	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 UJ	0.705 U	0.705 UJ	0.705 U	**0.187 J**
2-Hexanone		NE	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 UJ	0.82 U	0.82 UJ	0.82 U	0.82 U
Indane		NE	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 UJ	0.967 U	0.967 UJ	0.967 U	0.967 U
Indene		NE	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 UJ	0.951 U	0.951 UJ	0.951 U	0.951 U
Methyl ethyl ketone (2-Butanone)		17	**0.38 J**	**0.79 J**	**0.147 J**	**0.324 J**	**0.242 J**	1.47 U	**0.316 J**	1.47 U	**0.363 J**	1.47 UJ	1.47 U	**0.92 J**	**2.48**	**1.97**
Methyl tert-butyl ether (MTBE)		5.9	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 UJ	0.721 U	0.721 UJ	0.721 U	0.721 U
4-Methyl-2-pentanone (MIBK)		2.9	2.05 U	2.05 UJ	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 UJ	2.05 U	2.05 UJ	2.05 U	2.05 U
Methylene chloride		2.9	1.74 U	**1.1 J**	1.74 U	1.74 U	1.74 U	**1.26 J**	1.74 U	1.74 U	1.74 U	1.74 UJ	1.74 U	1.74 UJ	1.74 U	**2.13**
1-Methylnaphthalene		NE	5.82 U	5.82 UJ	5.82 U	5.82 UJ	5.82 U	5.82 UJ	5.82 U	5.82 U	5.82 U	5.82 UJ	5.82 U	5.82 UJ	5.82 U	5.82 U
2-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 UJ	5.82 U	5.82 UJ	5.82 U	5.82 U	5.82 U	5.82 UJ	5.82 U	5.82 UJ	5.82 U	5.82 U
2-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 UJ	0.803 U	0.803 UJ	0.803 U	0.803 U
3-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 UJ	0.803 U	0.803 UJ	0.803 U	0.803 U
Naphthalene		10	1.05 U	**0.241 J**	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 UJ	1.05 U	1.05 UJ	1.05 U	1.05 U
n-Nonane (C9)		1.2	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	**0.357 J**	1.05 UJ	1.05 U	1.05 UJ	1.05 U	1.05 U
n-Octane (C8)		2.1	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	**0.341 J**	0.934 UJ	0.934 U	0.934 UJ	0.934 U	0.934 U
Pentane		NE	**0.177 JB**	0.59 U	**0.236 J**	0.59 U	**0.372 J**	0.59 U	0.59 U	0.59 U	0.59 U	0.59 UJ	0.59 U	0.59 UJ	**0.301 JB**	**0.366 JB**
2-Propanol (Isopropyl Alcohol)		NE	**0.58 J**	**9.41 J**	**0.462 J**	**2.01**	**0.632 J**	1.23 U	**0.455 JB**	1.23 U	**2.58**	1.23 UJ	1.23 U	**3.47 J**	**9.68**	**0.76 J**
Styrene		0.6	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 UJ	0.852 U	0.852 UJ	0.852 U	0.852 U
1,1,2,2-Tetrachloroethane		0.25	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 UJ	1.37 U	1.37 UJ	1.37 U	1.37 U
Tetrachloroethene (PCE)		1.6	**9.56**	**2.43**	**2.39**	**1.83**	**1.13 J**	**0.685 J**	**0.773 J**	**1.23 J**	**0.556 J**	**0.821 J**	**1.06 J**	**1.48 J**	**4.26**	**3.74**
1,2,4,5-Tetramethylbenzene		NE	1.1 U	1.1 U	2.74 U	1.1 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 UJ	1.1 U	2.74 UJ	1.1 U	1.1 U
Thiophene		NE	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 UJ	0.688 U	0.688 UJ	0.688 U	0.688 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		3.6	**0.452 J**	1.53 U	**0.483 J**	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 UJ	1.53 U	1.53 UJ	1.53 U	1.53 U
1,2,4-Trichlorobenzene		4.8	1.48 U	1.48 U	1.48 U	1.48 UJ	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 UJ	1.48 U	1.48 UJ	1.48 U	1.48 U
1,1,1-Trichloroethane (TCA)		0.7	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 UJ	1.09 U	1.09 UJ	1.09 U	1.09 U
1,1,2-Trichloroethane		0.25	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 UJ	1.09 U	1.09 UJ	1.09 U	1.09 U
Trichloroethene (TCE)		0.5	**0.65 J**	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 UJ	1.07 U	1.07 UJ	1.07 U	1.07 U
Trichlorofluoromethane (Freon 11)		6.1	**1.43**	**1.6**	**1.3**	**0.731 J**	**0.579 J**	**0.377 J**	**0.534 J**	**0.68 J**	**0.478 J**	**0.579 J**	**0.652 J**	**0.77 J**	**1.43**	**1.55**
1,2,3-Trimethylbenzene		0.6	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 UJ	0.983 U	0.983 UJ	0.983 U	0.983 U
1,2,4-Trimethylbenzene		2.5	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 UJ	0.983 U	0.983 UJ	0.983 U	0.983 U
1,3,5-Trimethylbenzene		1	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 UJ	0.983 U	0.983 UJ	0.983 U	0.983 U
2,2,4-Trimethylpentane (iso-Octane)		2	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 UJ	0.934 U	0.934 UJ	0.934 U	0.934 U
n-Undecane (C11)		2.3	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 UJ	1.28 U	**0.665 J**	1.28 U	1.28 U
Vinyl bromide (Bromoethene)		NE	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 UJ	0.874 U	0.874 UJ	0.874 U	0.874 U
Vinyl chloride		0.25	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 UJ	0.511 U	0.511 UJ	0.511 U	0.511 U

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Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]	OU2 OZSV-02 8/16/2016	OU2 OZSV-02 9/26/2016	OU2 OZSV-02 10/24/2016	OU2 OZSV-02 11/28/2016	OU2 OZSV-DUP11/28/16 11/28/2016 OZSV-02	OU2 OZSV-02 12/22/2016	OU2 OZSV-02 1/26/2017	OU2 OZSV-DUP 1/26/17 1/26/2017 OZSV-02	OU2 OZSV-02 2/15/2017	OU2 OZSV-02 3/30/2017	OU2 OZSV-DUP 3/30/17 3/30/2017 OZSV-02
BTEX	µg/m^3												
Benzene		5.8	0.639 U	0.639 U	0.639 UJ	0.639 U	0.639 U	0.639 UJ	0.639 U	0.639 U	0.639 U	0.639 U	0.639 U
Toluene		21	0.754 U	0.754 U	0.754 UJ	0.754 U	0.754 U	**0.275 J**	**0.863**	0.754 U	0.754 U	0.754 U	0.754 U
Ethylbenzene		1.9	0.869 U	0.869 U	0.869 UJ	0.869 U	0.869 U	0.869 UJ	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U
o-Xylene		2.5	0.869 U	0.869 U	0.869 UJ	0.869 U	0.869 U	0.869 UJ	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U
m/p-Xylene		3.1	1.74 U	1.74 U	1.74 UJ	1.74 U	1.74 U	1.74 UJ	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U
Other VOCs	µg/m^3												
Acetaldehyde		NE	**46.7**	4.5 U	**2.23 J**	**4.92**	**2.2 J**	4.5 UJ	**2.59 J**	**3.93 J**	**2.07 J**	**2.34 J**	**2.52 J**
Acetone		58	**13.1**	**1.61 J**	**2.27 J**	**2.1 J**	**1.19 J**	**1.54 J**	**2.9 B**	2.38 U	**1.92 J**	**1.81 JB**	**1.63 JB**
Acrolein (propenal)		NE	**1.12 J**	1.15 U	1.15 UJ	1.15 U	1.15 U	1.15 UJ	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U
Allyl chloride (3-Chloropropene)		NE	0.626 U	0.626 U	0.626 UJ	0.626 U	0.626 U	0.626 UJ	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U
Benzothiophene (1-Benzothiophene)		NE	2.74 U	2.74 U	2.74 UJ	2.74 U	2.74 U	2.74 UJ	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U
Bromodichloromethane		NE	1.34 U	1.34 U	1.34 UJ	1.34 U	1.34 U	1.34 UJ	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U
Bromoform		NE	2.07 U	2.07 U	2.07 UJ	2.07 U	2.07 U	2.07 UJ	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U
Bromomethane		0.9	0.777 U	0.777 U	0.777 UJ	0.777 U	0.777 U	0.777 UJ	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U
1,3-Butadiene		NE	0.442 U	0.442 U	0.442 UJ	0.442 U	0.442 U	0.442 UJ	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U
Butane		NE	0.475 U	**0.131 J**	0.475 UJ	**0.378 J**	**0.207 J**	**0.34 J**	**0.371 J**	**0.611**	0.475 U	0.475 U	0.475 U
t-Butyl alcohol (Tertiary Butyl Alcohol)		NE	**0.664 J**	1.52 U	1.52 UJ	1.52 U	1.52 U	1.52 UJ	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U
Carbon disulfide		NE	0.623 U	0.623 U	0.623 UJ	0.623 U	0.623 U	0.623 UJ	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U
Carbon tetrachloride		1	1.26 U	1.26 U	1.26 UJ	1.26 U	1.26 U	1.26 UJ	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U
Chlorobenzene		0.25	0.921 U	0.921 U	0.921 UJ	0.921 U	0.921 U	0.921 UJ	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U
Chloroethane		0.4	0.528 U	0.528 U	0.528 UJ	0.528 U	0.528 U	0.528 UJ	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U
Chloroform (Trichloromethane)		0.5	**23.8**	**11.4**	**3.38 J**	**1.05**	**1.13**	**0.493 J**	**0.698 J**	**0.62 J**	**0.396 J**	**0.44 J**	**0.381 J**
Chloromethane		4.6	0.413 U	0.413 U	0.413 UJ	**0.215 J**	0.413 U	**0.235 J**	0.413 U	0.413 U	0.413 U	0.413 U	0.413 U
2-Chlorotoluene (o-Chlorotoluene)		NE	1.04 U	1.04 U	1.04 UJ	1.04 U	1.04 U	1.04 UJ	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U
Cryofluorane (Freon 114)		1.3	1.4 U	1.4 U	1.4 UJ	1.4 U	1.4 U	1.4 UJ	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Cyclohexane		3	0.688 U	0.688 U	0.688 UJ	0.688 U	0.688 U	0.688 UJ	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
n-Decane (C10)		3.6	1.16 U	**1.48**	1.16 UJ	1.16 U	1.16 U	1.16 UJ	1.16 U	1.16 U	1.16 U	1.16 U	**0.454 J**
Dibromochloromethane		NE	1.7 U	1.7 U	1.7 UJ	1.7 U	1.7 U	1.7 UJ	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
1,2-Dibromoethane (EDB)		0.25	1.54 U	1.54 U	1.54 UJ	1.54 U	1.54 U	1.54 UJ	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene		0.9	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,3-Dichlorobenzene		0.7	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene		0.8	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Dichlorodifluoromethane (Freon 12)		11	**0.989**	**0.86 J**	**0.628 J**	**0.504 J**	**0.43 J**	**0.445 J**	**0.663 J**	**0.682 J**	**0.499 J**	**0.593 J**	**0.722 J**
1,1-Dichloroethane		0.25	0.809 U	**0.757 J**	0.809 UJ	0.809 U	0.809 U	0.809 UJ	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,2-Dichloroethane		0.25	0.809 U	0.809 U	0.809 UJ	0.809 U	0.809 U	0.809 UJ	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene		0.25	0.793 U	0.793 U	0.793 UJ	0.793 U	0.793 U	0.793 UJ	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
cis-1,2-Dichloroethene		0.25	0.793 U	0.793 U	0.793 UJ	0.793 U	0.793 U	0.793 UJ	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
trans-1,2-Dichloroethene		NE	0.793 U	0.793 U	0.793 UJ	0.793 U	0.793 U	0.793 UJ	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
1,2-Dichloropropane		0.25	0.924 U	0.924 U	0.924 UJ	0.924 U	0.924 U	0.924 UJ	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U
cis-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 UJ	0.908 U	0.908 U	0.908 UJ	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
trans-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 UJ	0.908 U	0.908 U	0.908 UJ	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
1,4-Dioxane		NE	0.721 U	0.721 U	0.721 UJ	0.721 U	0.721 U	0.721 UJ	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
n-Dodecane (C12)		7.6	**1.04 J**	**5.34**	1.39 UJ	**0.453 J**	1.39 U	**0.564 J**	**0.843 J**	**0.376 J**	1.39 U	3.48 U	**0.669 J**
Ethanol		220	**3.32 J**	**1.02 J**	4.71 UJ	**1.8 J**	**1.32 J**	**1.87 J**	**1.21 J**	**1.27 J**	**3.41 J**	4.71 U	4.71 U

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2-Ethylthiophene		NE	0.918 U	0.918 U	0.918 UJ	0.918 U	0.918 U	0.918 UJ	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U
4-Ethyltoluene (p-Ethyltoluene)		NE	0.983 U	0.983 U	0.983 UJ	0.983 U	0.983 U	0.983 UJ	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
n-Heptane (C7)		5.1	0.82 UJ	0.82 U	0.82 UJ	0.82 U	0.82 U	0.82 UJ	0.82 U	**0.238 J**	0.82 U	0.82 U	0.82 U
1,3-Hexachlorobutadiene (C-46)		7	2.13 U	2.13 U	2.13 UJ	2.13 U	2.13 U	2.13 UJ	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U
n-Hexane (C6)		3.6	0.705 U	0.705 U	0.705 UJ	0.705 U	0.705 U	0.705 UJ	0.705 U	**0.236 J**	0.705 U	0.705 U	0.705 U
2-Hexanone		NE	**0.32 J**	0.82 U	0.82 UJ	0.82 U	0.82 U	0.82 UJ	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Indane		NE	0.967 U	0.967 U	0.967 UJ	0.967 U	0.967 U	0.967 UJ	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U
Indene		NE	0.951 U	0.951 U	0.951 UJ	0.951 U	0.951 U	0.951 UJ	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
Methyl ethyl ketone (2-Butanone)		17	**1.63**	**0.298 J**	**0.236 J**	**0.192 J**	1.47 U	**0.378 J**	**0.395 J**	**0.525 J**	1.47 U	1.47 U	1.47 U
Methyl tert-butyl ether (MTBE)		5.9	0.721 U	0.721 U	0.721 UJ	0.721 U	0.721 U	0.721 UJ	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
4-Methyl-2-pentanone (MIBK)		2.9	2.05 UJ	2.05 U	2.05 UJ	2.05 U	2.05 U	2.05 UJ	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U
Methylene chloride		2.9	1.74 U	1.74 U	1.74 UJ	1.74 U	1.74 U	**1.87 J**	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U
1-Methylnaphthalene		NE	5.82 UJ	5.82 U	5.82 UJ	5.82 U	5.82 U	5.82 UJ	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 UJ	5.82 U	5.82 U	5.82 UJ	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylthiophene		NE	0.803 U	0.803 U	0.803 UJ	0.803 U	0.803 U	0.803 UJ	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
3-Methylthiophene		NE	0.803 U	0.803 U	0.803 UJ	0.803 U	0.803 U	0.803 UJ	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
Naphthalene		10	1.05 U	1.05 U	1.05 UJ	**0.32 J**	1.05 U	1.05 UJ	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
n-Nonane (C9)		1.2	1.05 U	1.05 U	1.05 UJ	1.05 U	1.05 U	1.05 UJ	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
n-Octane (C8)		2.1	0.934 U	0.934 U	0.934 UJ	0.934 U	0.934 U	0.934 UJ	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U
Pentane		NE	0.59 U	**0.236 J**	0.59 UJ	**0.301 J**	**0.221 J**	**0.319 J**	**0.41 J**	**0.572 J**	0.59 U	0.59 U	0.59 U
2-Propanol (Isopropyl Alcohol)		NE	**2.48 J**	**0.374 J**	**0.13 J**	**0.13 J**	1.23 U	**0.179 J**	**0.619 JB**	**2.48 B**	1.23 U	1.23 U	1.23 U
Styrene		0.6	0.852 U	0.852 U	0.852 UJ	0.852 U	0.852 U	0.852 UJ	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U
1,1,2,2-Tetrachloroethane		0.25	1.37 U	1.37 U	1.37 UJ	1.37 U	1.37 U	1.37 UJ	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U
Tetrachloroethene (PCE)		1.6	**4.77**	**5.29**	**3.24 J**	**2.13**	**2.08**	**0.936 J**	**1.61**	**1.47**	**0.99 J**	**1.34 J**	**1.1 J**
1,2,4,5-Tetramethylbenzene		NE	1.1 U	2.74 U	1.1 UJ	2.74 U	2.74 U	2.74 UJ	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U
Thiophene		NE	0.688 U	0.688 U	0.688 UJ	0.688 U	0.688 U	0.688 UJ	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		3.6	1.53 U	1.53 U	1.53 UJ	1.53 U	1.53 U	1.53 UJ	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U
1,2,4-Trichlorobenzene		4.8	1.48 U	1.48 U	1.48 UJ	1.48 U	1.48 U	1.48 UJ	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U
1,1,1-Trichloroethane (TCA)		0.7	1.09 U	1.09 U	1.09 UJ	1.09 U	1.09 U	1.09 UJ	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
1,1,2-Trichloroethane		0.25	1.09 U	1.09 U	1.09 UJ	1.09 U	1.09 U	1.09 UJ	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
Trichloroethene (TCE)		0.5	1.07 U	1.07 U	1.07 UJ	1.07 U	1.07 U	1.07 UJ	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Trichlorofluoromethane (Freon 11)		6.1	**1.39**	**1.19**	**0.95 J**	**0.579 J**	**0.596 J**	**0.416 J**	**0.528 J**	**0.5 J**	**0.495 J**	**0.382 J**	**0.393 J**
1,2,3-Trimethylbenzene		0.6	0.983 U	0.983 U	0.983 UJ	0.983 U	0.983 U	0.983 UJ	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,2,4-Trimethylbenzene		2.5	0.983 U	0.983 U	0.983 UJ	0.983 U	0.983 U	0.983 UJ	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,3,5-Trimethylbenzene		1	0.983 U	0.983 U	0.983 UJ	0.983 U	0.983 U	0.983 UJ	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
2,2,4-Trimethylpentane (iso-Octane)		2	0.934 U	0.934 U	0.934 UJ	0.934 U	0.934 U	0.934 UJ	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U
n-Undecane (C11)		2.3	1.28 U	**1.26 J**	1.28 UJ	**0.486 J**	1.28 U	1.28 UJ	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U
Vinyl bromide (Bromoethene)		NE	0.874 U	0.874 U	0.874 UJ	0.874 U	0.874 U	0.874 UJ	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U
Vinyl chloride		0.25	0.511 U	0.511 U	0.511 UJ	0.511 U	0.511 U	0.511 UJ	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U

Table 2-1. Soil Vapor Analytical Results
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Bay Shore, NY

Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]	OU2 OZSV-02 4/19/2017	OU2 OZSV-02 5/30/2017	OU2 OZSV-DUP 5/30/17 5/30/2017 OZSV-02	OU2 OZSV-02 6/22/2017	OU2 OZSV-03 7/26/2016	OU2 OZSV-03 8/16/2016	OU2 OZSV-03 9/26/2016	OU2 OZSV-03 10/24/2016	OU2 OZSV-03 11/28/2016	OU2 OZSV-03 12/22/2016	OU2 OZSV-03 1/26/2017	OU2 OZSV-03 2/15/2017	OU2 OZSV-03 3/30/2017
BTEX	µg/m³														
Benzene		5.8	0.639 U	0.639 U	0.639 U	0.639 U	0.639 U	1.28 U	0.639 U	0.639 U	0.639 U	0.639 U	0.639 U	0.639 U	0.639 U
Toluene		21	0.754 U	0.754 U	0.754 U	0.754 U	**0.418 J**	1.51 U	0.754 U	0.754 U	**0.313 J**	0.754 U	**0.294 J**	**0.294 J**	**0.98**
Ethylbenzene		1.9	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	1.74 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U
o-Xylene		2.5	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	1.74 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U
m/p-Xylene		3.1	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	3.47 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U
Other VOCs	µg/m³														
Acetaldehyde		NE	**2.59 J**	**2.99 JB**	**2 JB**	**3.1 J**	**34.8**	**11.5**	4.5 U	4.5 U	**3.48 J**	**1.77 J**	**4.56**	**1.66 J**	**12.5**
Acetone		58	2.38 U	**3.75 B**	**2.09 JB**	3.21 U	**24**	**2.4 J**	**2.95**	**2.42**	**2.3 J**	**1.11 J**	**4.28 B**	**1.33 J**	**3.04 B**
Acrolein (propenal)		NE	1.15 U	1.15 U	1.15 U	1.15 U	**0.621 J**	2.29 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U
Allyl chloride (3-Chloropropene)		NE	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	1.25 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U
Benzothiophene (1-Benzothiophene)		NE	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	5.49 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U
Bromodichloromethane		NE	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	2.68 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U
Bromoform		NE	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	4.14 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U
Bromomethane		0.9	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	1.55 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U
1,3-Butadiene		NE	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.885 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U
Butane		NE	**0.147 J**	0.475 U	0.475 U	0.475 U	**0.238 JB**	0.951 U	**0.155 J**	0.475 U	**0.119 J**	0.475 U	**0.28 J**	0.475 U	0.475 U
t-Butyl alcohol (Tertiary Butyl Alcohol)		NE	1.52 U	1.52 U	1.52 U	1.52 U	**1.73**	3.03 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U
Carbon disulfide		NE	0.623 U	0.623 U	0.623 U	0.623 U	**0.28 J**	1.25 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U
Carbon tetrachloride		1	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	2.52 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U	1.26 U
Chlorobenzene		0.25	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	1.84 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U
Chloroethane		0.4	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	1.06 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U
Chloroform (Trichloromethane)		0.5	**0.713 J**	**1.14**	**1.13**	**1.37**	**11.6**	**14**	**10.9**	**5.96**	**2.53**	**1.35**	**1.19**	**0.376 J**	**0.801 J**
Chloromethane		4.6	0.413 U	0.413 U	0.413 U	0.413 U	0.413 U	0.826 U	**0.417**	0.413 U	0.413 U	0.413 U	0.413 U	0.413 U	0.413 U
2-Chlorotoluene (o-Chlorotoluene)		NE	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	2.07 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U
Cryofluorane (Freon 114)		1.3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	2.8 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Cyclohexane		3	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	1.38 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
n-Decane (C10)		3.6	1.16 U	1.16 U	**0.361 J**	1.16 U	**2.57**	**2.67**	1.16 U	1.16 U	**0.372 J**	1.16 U	1.16 U	**0.489 J**	1.16 U
Dibromochloromethane		NE	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	3.41 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
1,2-Dibromoethane (EDB)		0.25	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	3.07 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene		0.9	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	2.4 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,3-Dichlorobenzene		0.7	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	2.4 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	**1.41**
1,4-Dichlorobenzene		0.8	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	2.4 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Dichlorodifluoromethane (Freon 12)		11	**1.27 J**	**0.648 J**	**0.539 J**	**0.504 J**	**16.8**	**22.9**	**12.6**	**14**	**6.23**	**4.94**	**11.3**	**0.668 J**	**4.83**
1,1-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	1.62 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,2-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	1.62 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	1.59 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
cis-1,2-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	1.59 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
trans-1,2-Dichloroethene		NE	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	1.59 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
1,2-Dichloropropane		0.25	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	1.85 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U
cis-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	1.82 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
trans-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	1.82 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
1,4-Dioxane		NE	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	1.44 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
n-Dodecane (C12)		7.6	3.48 U	1.39 U	**0.641 J**	**0.362 J**	**6.74**	**7.45**	**0.474 J**	1.39 UJ	**1.17 J**	**0.683 J**	**0.446 J**	1.39 U	**0.334 J**
Ethanol		220	**1.44 J**	**1.11 JB**	**1.35 JB**	**1.11 J**	**1.49 J**	9.42 U	4.71 U	4.71 U	**3.03 J**	**1.07 J**	**4.24 J**	**2.34 J**	**12.5**

Table 2-1. Soil Vapor Analytical Results
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Bay Shore, NY

		Operable Unit	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZSV-02	OZSV-02	OZSV-DUP 5/30/17	OZSV-02	OZSV-03	OZSV-03	OZSV-03	OZSV-03	OZSV-03	OZSV-03	OZSV-03	OZSV-03	OZSV-03	OZSV-03
		Sample Date	4/19/2017	5/30/2017	5/30/2017	6/22/2017	7/26/2016	8/16/2016	9/26/2016	10/24/2016	11/28/2016	12/22/2016	1/26/2017	2/15/2017	3/30/2017	
		Parent Sample Code			OZSV-02											
Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]														
2-Ethylthiophene		NE	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	1.84 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	
4-Ethyltoluene (p-Ethyltoluene)		NE	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	1.97 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	
n-Heptane (C7)		5.1	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	1.64 UJ	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	
1,3-Hexachlorobutadiene (C-46)		7	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	4.27 U	2.13 U	2.13 UJ	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	
n-Hexane (C6)		3.6	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	1.41 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	0.705 U	
2-Hexanone		NE	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	1.64 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	
Indane		NE	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	1.93 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	
Indene		NE	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	1.9 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	
Methyl ethyl ketone (2-Butanone)		17	**0.183 J**	**0.292 J**	1.47 U	**0.192 J**	**1.93**	**0.395 J**	**0.301 J**	**0.26 J**	**0.257 J**	**0.162 J**	**0.525 J**	**0.145 J**	**0.236 J**	
Methyl tert-butyl ether (MTBE)		5.9	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	1.44 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	
4-Methyl-2-pentanone (MIBK)		2.9	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	4.1 UJ	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	
Methylene chloride		2.9	1.74 U	1.74 U	**1.65 J**	1.74 U	1.74 U	3.47 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	
1-Methylnaphthalene		NE	5.82 UJ	5.82 U	5.82 U	5.82 U	5.82 U	11.6 UJ	5.82 U	5.82 UJ	5.82 U	5.82 UJ	5.82 U	5.82 U	5.82 U	
2-Methylnaphthalene		NE	5.82 UJ	5.82 U	5.82 U	5.82 UJ	5.82 U	11.6 U	5.82 U	5.82 UJ	5.82 U	5.82 UJ	5.82 U	5.82 U	5.82 U	
2-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	1.61 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	
3-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	1.61 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	
Naphthalene		10	1.05 U	1.05 U	1.05 U	1.05 U	**0.299 J**	2.1 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	
n-Nonane (C9)		1.2	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	2.1 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	**0.362 J**	
n-Octane (C8)		2.1	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	1.87 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	**0.42 J**	
Pentane		NE	0.59 U	0.59 U	0.59 U	0.59 U	**0.248 JB**	1.18 U	0.59 U	0.59 U	**0.174 J**	0.59 U	0.59 U	0.59 U	0.59 U	
2-Propanol (Isopropyl Alcohol)		NE	1.23 U	**3.98**	1.23 U	1.23 U	**21.8**	2.46 U	**0.383 J**	**0.315 J**	**0.157 J**	1.23 U	**0.878 JB**	1.23 U	1.23 U	
Styrene		0.6	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	1.7 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	
1,1,2,2-Tetrachloroethane		0.25	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	2.75 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	
Tetrachloroethene (PCE)		1.6	**1.5**	**3.21**	**2.26**	**3.8**	**4.93**	**6.78**	**6.52**	**4.81**	**2.08**	**1.28 J**	**1.51**	**2.8**	**0.821 J**	
1,2,4,5-Tetramethylbenzene		NE	2.74 U	1.1 U	1.1 U	2.74 U	1.1 U	2.2 U	2.74 U	1.1 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	
Thiophene		NE	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	1.38 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		3.6	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	3.07 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	
1,2,4-Trichlorobenzene		4.8	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	2.97 U	1.48 U	1.48 UJ	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	
1,1,1-Trichloroethane (TCA)		0.7	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	2.18 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	
1,1,2-Trichloroethane		0.25	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	2.18 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	
Trichloroethene (TCE)		0.5	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	2.15 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	
Trichlorofluoromethane (Freon 11)		6.1	**0.539 J**	**0.601 J**	**0.641 J**	**0.725 J**	**1.24**	**1.37 J**	**1.01 J**	**0.922 J**	**0.686 J**	**0.466 J**	**0.652 J**	**0.601 J**	**0.68 J**	
1,2,3-Trimethylbenzene		0.6	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	1.97 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	
1,2,4-Trimethylbenzene		2.5	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	1.97 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	
1,3,5-Trimethylbenzene		1	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	1.97 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	
2,2,4-Trimethylpentane (iso-Octane)		2	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	1.87 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	
n-Undecane (C11)		2.3	1.28 U	1.28 U	**0.358 J**	**0.371 J**	**2.98**	**3.18**	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	**0.62 J**	1.28 U	
Vinyl bromide (Bromoethene)		NE	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	1.75 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	
Vinyl chloride		0.25	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	1.02 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	

Table 2-1. Soil Vapor Analytical Results
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Bay Shore, NY

		Operable Unit	OU2	OU2	OU2
		Sample Name	OZSV-03	OZSV-03	OZSV-03
		Sample Date	4/19/2017	5/30/2017	6/22/2017
		Parent Sample Code			
Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]			
BTEX	µg/m^3				
Benzene		5.8	0.639 UJ	0.639 U	0.639 UJ
Toluene		21	0.754 UJ	0.754 U	**0.475 J**
Ethylbenzene		1.9	0.869 UJ	0.869 U	0.869 UJ
o-Xylene		2.5	0.869 UJ	0.869 U	0.869 UJ
m/p-Xylene		3.1	1.74 UJ	1.74 U	1.74 UJ
Other VOCs	µg/m^3				
Acetaldehyde		NE	**4.59 J**	**2.49 JB**	**6.41 J**
Acetone		58	4.01 UJ	**1.45 JB**	4.44 UJ
Acrolein (propenal)		NE	1.15 UJ	1.15 U	1.15 UJ
Allyl chloride (3-Chloropropene)		NE	0.626 UJ	0.626 U	0.626 UJ
Benzothiophene (1-Benzothiophene)		NE	2.74 UJ	2.74 U	2.74 UJ
Bromodichloromethane		NE	1.34 UJ	1.34 U	1.34 UJ
Bromoform		NE	2.07 UJ	2.07 U	2.07 UJ
Bromomethane		0.9	0.777 UJ	0.777 U	0.777 UJ
1,3-Butadiene		NE	0.442 UJ	0.442 U	0.442 UJ
Butane		NE	**0.171 J**	0.475 U	**0.338 J**
t-Butyl alcohol (Tertiary Butyl Alcohol)		NE	1.52 UJ	1.52 U	1.52 UJ
Carbon disulfide		NE	0.623 UJ	**0.162 J**	**0.847 J**
Carbon tetrachloride		1	1.26 UJ	1.26 U	1.26 UJ
Chlorobenzene		0.25	0.921 UJ	0.921 U	0.921 UJ
Chloroethane		0.4	0.528 UJ	0.528 U	0.528 UJ
Chloroform (Trichloromethane)		0.5	**1.15 J**	**2.89**	**4.35 J**
Chloromethane		4.6	0.413 UJ	**0.295 J**	0.413 UJ
2-Chlorotoluene (o-Chlorotoluene)		NE	1.04 UJ	1.04 U	1.04 UJ
Cryofluorane (Freon 114)		1.3	1.4 UJ	1.4 U	1.4 UJ
Cyclohexane		3	0.688 UJ	0.688 U	0.688 UJ
n-Decane (C10)		3.6	1.16 UJ	1.16 U	**0.378 J**
Dibromochloromethane		NE	1.7 UJ	1.7 U	1.7 UJ
1,2-Dibromoethane (EDB)		0.25	1.54 UJ	1.54 U	1.54 UJ
1,2-Dichlorobenzene		0.9	1.2 UJ	1.2 U	1.2 UJ
1,3-Dichlorobenzene		0.7	1.2 UJ	1.2 U	1.2 UJ
1,4-Dichlorobenzene		0.8	1.2 UJ	1.2 U	1.2 UJ
Dichlorodifluoromethane (Freon 12)		11	**13.3 J**	**11.1**	**7.91 J**
1,1-Dichloroethane		0.25	0.809 UJ	0.809 U	0.809 UJ
1,2-Dichloroethane		0.25	0.809 UJ	0.809 U	0.809 UJ
1,1-Dichloroethene		0.25	0.793 UJ	0.793 U	0.793 UJ
cis-1,2-Dichloroethene		0.25	0.793 UJ	0.793 U	0.793 UJ
trans-1,2-Dichloroethene		NE	0.793 UJ	0.793 U	0.793 UJ
1,2-Dichloropropane		0.25	0.924 UJ	0.924 U	0.924 UJ
cis-1,3-Dichloropropene		0.25	0.908 UJ	0.908 U	0.908 UJ
trans-1,3-Dichloropropene		0.25	0.908 UJ	0.908 U	0.908 UJ
1,4-Dioxane		NE	0.721 UJ	0.721 U	0.721 UJ
n-Dodecane (C12)		7.6	3.48 UJ	1.39 U	**1.13 J**
Ethanol		220	**2.52 J**	4.71 U	**1.56 J**

Table 2-1. Soil Vapor Analytical Results
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Bay Shore, NY

		Operable Unit	OU2	OU2	OU2
		Sample Name	OZSV-03	OZSV-03	OZSV-03
		Sample Date	4/19/2017	5/30/2017	6/22/2017
		Parent Sample Code			
Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]			
2-Ethylthiophene		NE	0.918 UJ	0.918 U	0.918 UJ
4-Ethyltoluene (p-Ethyltoluene)		NE	0.983 UJ	0.983 U	0.983 UJ
n-Heptane (C7)		5.1	0.82 UJ	0.82 U	**0.406 J**
1,3-Hexachlorobutadiene (C-46)		7	2.13 UJ	2.13 U	2.13 UJ
n-Hexane (C6)		3.6	0.705 UJ	0.705 U	**0.183 J**
2-Hexanone		NE	0.82 UJ	0.82 U	0.82 UJ
Indane		NE	0.967 UJ	0.967 U	0.967 UJ
Indene		NE	0.951 UJ	0.951 U	0.951 UJ
Methyl ethyl ketone (2-Butanone)		17	**0.416 J**	1.47 U	**0.498 J**
Methyl tert-butyl ether (MTBE)		5.9	0.721 UJ	0.721 U	0.721 UJ
4-Methyl-2-pentanone (MIBK)		2.9	2.05 UJ	2.05 U	2.05 UJ
Methylene chloride		2.9	**1.5 J**	1.74 U	1.74 UJ
1-Methylnaphthalene		NE	5.82 UJ	5.82 U	5.82 UJ
2-Methylnaphthalene		NE	5.82 UJ	5.82 U	5.82 UJ
2-Methylthiophene		NE	0.803 UJ	0.803 U	0.803 UJ
3-Methylthiophene		NE	0.803 UJ	0.803 U	0.803 UJ
Naphthalene		10	1.05 UJ	1.05 U	1.05 UJ
n-Nonane (C9)		1.2	1.05 UJ	1.05 U	1.05 UJ
n-Octane (C8)		2.1	0.934 UJ	0.934 U	0.934 UJ
Pentane		NE	0.59 UJ	0.59 U	**0.257 J**
2-Propanol (Isopropyl Alcohol)		NE	**4.5 J**	1.23 U	1.23 UJ
Styrene		0.6	0.852 UJ	0.852 U	0.852 UJ
1,1,2,2-Tetrachloroethane		0.25	1.37 UJ	1.37 U	1.37 UJ
Tetrachloroethene (PCE)		1.6	**1.3 J**	**3.08**	**4.15 J**
1,2,4,5-Tetramethylbenzene		NE	2.74 UJ	1.1 U	2.74 UJ
Thiophene		NE	0.688 UJ	0.688 U	0.688 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		3.6	1.53 UJ	1.53 U	1.53 UJ
1,2,4-Trichlorobenzene		4.8	1.48 UJ	1.48 U	1.48 UJ
1,1,1-Trichloroethane (TCA)		0.7	1.09 UJ	1.09 U	1.09 UJ
1,1,2-Trichloroethane		0.25	1.09 UJ	1.09 U	1.09 UJ
Trichloroethene (TCE)		0.5	1.07 UJ	1.07 U	1.07 UJ
Trichlorofluoromethane (Freon 11)		6.1	**0.747 J**	**0.759 J**	**0.826 J**
1,2,3-Trimethylbenzene		0.6	0.983 UJ	0.983 U	0.983 UJ
1,2,4-Trimethylbenzene		2.5	0.983 UJ	0.983 U	0.983 UJ
1,3,5-Trimethylbenzene		1	0.983 UJ	0.983 U	0.983 UJ
2,2,4-Trimethylpentane (iso-Octane)		2	0.934 UJ	0.934 U	0.934 UJ
n-Undecane (C11)		2.3	1.28 UJ	1.28 U	**0.991 J**
Vinyl bromide (Bromoethene)		NE	0.874 UJ	0.874 U	0.874 UJ
Vinyl chloride		0.25	0.511 UJ	0.511 U	0.511 UJ

Table 2-1. Soil Vapor Analytical Results
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Notes:

µg/m3 = micrograms per cubic meter
BTEX = benzene, toluene, ethylbenzene, and xylene
VOCs = volatile organic compounds

[1] Source: NYSDOH, October 2006. Summary of Indoor and Outdoor Levels of Volatile Organic Compounds from Fuel Oil Heated Homes reported in various locations within sampled homes in NYS, 1997-2003 as presented in Table C1. Background values for naphthalene are from the NYSDOH 1997 Control Home Database as presented in Table C3 of the NYSDOH 2006 Guidance.

Bolding indicates a detected result value
NE = not established

Data qualifiers:

B = The analyte was detected in the associated method blank.
J = estimated value
U = not detected to the reporting limit shown
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.

Table 2-2. Ambient Air Analytical Results
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Bay Shore, NY

		Operable Unit	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6
		Sample Date	7/26/2016	8/16/2016	9/26/2016	10/24/2016	11/28/2016	12/22/2016	1/26/2017	2/15/2017	3/30/2017	4/19/2017	5/30/2017	
Analyte	**Units**	**NYSDOH Background Outdoor Air 95th Percentile[1]**												
BTEX	µg/m^3													
Benzene		5.8	0.639 U	**0.182 J**	**0.645**	**0.272 J**	**0.46 J**	**0.482 J**	**0.738**	**0.722**	**0.367 J**	**0.227 J**	0.639 U	
Toluene		21	**0.539 J**	**0.411 J**	**2.3**	**0.592 J**	**1.46**	**0.46 J**	**1.19**	**0.806**	**1.79**	**0.373 J**	**0.324 J**	
Ethylbenzene		1.9	0.869 U	0.869 U	**0.274 J**	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	
o-Xylene		2.5	0.869 U	0.869 U	**0.308 J**	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	
m/p-Xylene		3.1	1.74 U	1.74 U	**0.838 J**	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	
Other VOCs	µg/m^3													
Acetaldehyde		NE	**4.07 J**	**11.7**	**24.3**	4.5 U	**2.86 J**	**2.88 J**	**2.49 J**	**9.93**	**2.99 J**	**8.65**	**3.03 JB**	
Acetone		58	**6.72**	**8.6**	**12.2**	**3.25**	**3.68**	**3.61**	**6.94 B**	**3.37**	**5.49 B**	**4.18**	**3.61 B**	
Acrolein (propenal)		NE	1.15 U	**0.266 J**	**1.53**	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	
Allyl chloride (3-Chloropropene)		NE	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	
Benzothiophene (1-Benzothiophene)		NE	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	
Bromodichloromethane		NE	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	
Bromoform		NE	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	
Bromomethane		0.9	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	
1,3-Butadiene		NE	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	
Butane		NE	**0.609 B**	**0.594 B**	**3.59**	**0.749**	**2**	**1.87**	**4.02**	**1.96**	**1.08**	**0.447 J**	**0.404 J**	
t-Butyl alcohol (Tertiary Butyl Alcohol)		NE	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	
Carbon disulfide		NE	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	
Carbon tetrachloride		1	**0.39 J**	**0.472 J**	**0.44 J**	**0.434 J**	**0.321 J**	1.26 U	**0.465 J**	**0.327 J**	**0.327 J**	**0.352 J**	**0.384 J**	
Chlorobenzene		0.25	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	
Chloroethane		0.4	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	
Chloroform (Trichloromethane)		0.5	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	
Chloromethane		4.6	**0.789**	**1.14**	**1.08**	**0.874**	**0.968**	**1.07**	**1.16**	**1.13**	**0.743**	**0.876**	**0.983**	
2-Chlorotoluene (o-Chlorotoluene)		NE	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	
Cryofluorane (Freon 114)		1.3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	
Cyclohexane		3	0.688 U	0.688 U	**0.413 J**	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	
n-Decane (C10)		3.6	1.16 U	**0.588 J**	**1.06 J**	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U	**0.53 J**	1.16 U	1.16 U	
Dibromochloromethane		NE	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	
1,2-Dibromoethane (EDB)		0.25	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	
1,2-Dichlorobenzene		0.9	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	
1,3-Dichlorobenzene		0.7	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	
1,4-Dichlorobenzene		0.8	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	
Dichlorodifluoromethane (Freon 12)		11	**2.13**	**2.36**	**2.35**	**1.44**	**1.8**	**1.79**	**2.14**	**1.27**	**0.302 J**	**2.75**	**1.53**	
1,1-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	
1,2-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	
1,1-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	
cis-1,2-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	
trans-1,2-Dichloroethene		NE	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	
1,2-Dichloropropane		0.25	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	
cis-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	
trans-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	
1,4-Dioxane		NE	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	
n-Dodecane (C12)		7.6	1.39 U	**1.37 J**	3.48 U	1.39 U	1.39 U	1.39 U	**0.418 J**	1.39 U	3.48 U	3.48 U	**0.648 J**	
Ethanol		220	**2.36 J**	**3.28 J**	**9.42**	**4.37 J**	**3.5 J**	**2.45 J**	**3.79 J**	**2.37 J**	**4.05 J**	**1.51 J**	**1.54 JB**	
2-Ethylthiophene		NE	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	

Table 2-2. Ambient Air Analytical Results
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National Grid, Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

		Operable Unit	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6	OZAA-6
		Sample Date	7/26/2016	8/16/2016	9/26/2016	10/24/2016	11/28/2016	12/22/2016	1/26/2017	2/15/2017	3/30/2017	4/19/2017	5/30/2017
Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]											
4-Ethyltoluene (p-Ethyltoluene)		NE	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
n-Heptane (C7)		5.1	0.82 U	0.82 U	**0.5 J**	0.82 U	0.82 U	0.82 U	**0.316 J**	0.82 U	0.82 U	0.82 U	0.82 U
1,3-Hexachlorobutadiene (C-46)		7	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U
n-Hexane (C6)		3.6	**0.201 J**	0.705 U	**0.913**	0.705 U	**0.271 J**	**0.307 J**	**0.923**	**0.293 J**	**0.243 J**	**0.268 J**	**0.264 J**
2-Hexanone		NE	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	**0.295 J**	0.82 U	0.82 U
Indane		NE	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U
Indene		NE	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
Methyl ethyl ketone (2-Butanone)		17	**0.587 J**	**0.746 J**	**1.02 J**	**0.33 J**	**0.389 J**	**0.36 J**	**0.799 J**	**0.737 J**	**0.684 J**	**0.658 J**	**0.342 J**
Methyl tert-butyl ether (MTBE)		5.9	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
4-Methyl-2-pentanone (MIBK)		2.9	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U
Methylene chloride		2.9	**1.88**	**1.76**	1.74 U	1.74 U	1.74 U	**1.08 J**	1.74 U	1.74 U	1.74 U	**13.5**	1.74 U
1-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
3-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
Naphthalene		10	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	**0.304 JB**	1.05 U	**0.362 J**	1.05 U	1.05 U
n-Nonane (C9)		1.2	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
n-Octane (C8)		2.1	0.934 U	0.934 U	**0.294 J**	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	**0.322 J**	0.934 U	0.934 U
Pentane		NE	**0.567 JB**	**0.522 J**	**3.28**	**0.469 J**	**1.02**	**0.921**	**1.48**	**0.806**	**0.567 J**	**0.342 J**	**0.552 J**
2-Propanol (Isopropyl Alcohol)		NE	**0.371 J**	1.23 U	**0.723 J**	**0.226 J**	**0.307 J**	**0.528 J**	**1.95 B**	1.23 U	1.23 U	1.23 U	1.23 U
Styrene		0.6	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U
1,1,2,2-Tetrachloroethane		0.25	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U
Tetrachloroethene (PCE)		1.6	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U
1,2,4,5-Tetramethylbenzene		NE	1.1 U	1.1 U	2.74 U	1.1 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	1.1 U
Thiophene		NE	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		3.6	**0.452 J**	**0.514 J**	**0.598 J**	**0.46 J**	**0.422 J**	1.53 U	**0.437 J**	**0.437 J**	1.53 U	1.53 U	**0.429 J**
1,2,4-Trichlorobenzene		4.8	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U
1,1,1-Trichloroethane (TCA)		0.7	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
1,1,2-Trichloroethane		0.25	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
Trichloroethene (TCE)		0.5	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	**0.865 J**	1.07 U	1.07 U	1.07 U	1.07 U
Trichlorofluoromethane (Freon 11)		6.1	**1.2**	**1.39**	**1.43**	**1.08 J**	**1.14**	**0.961 J**	**1.26**	**1.15**	**0.922 J**	**0.938 J**	**1.06 J**
1,2,3-Trimethylbenzene		0.6	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,2,4-Trimethylbenzene		2.5	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,3,5-Trimethylbenzene		1	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
2,2,4-Trimethylpentane (iso-Octane)		2	0.934 U	0.934 U	**1.09**	0.934 U	0.934 U	0.934 U	**0.378 J**	**0.448 J**	0.934 U	0.934 U	**0.318 J**
n-Undecane (C11)		2.3	1.28 U	1.28 U	**0.339 J**	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U
Vinyl bromide (Bromoethene)		NE	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U
Vinyl chloride		0.25	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U

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		Operable Unit	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZAA-6	OZAA-7	OZAA-7	OZAA-7	OZAA-7	OZAA-7	OZAA-7	OZAA-7	OZAA-7	OZAA-7	OZAA-7
		Sample Date	6/22/2017	7/26/2016	8/16/2016	9/26/2016	10/24/2016	11/28/2016	12/22/2016	1/26/2017	2/15/2017	3/30/2017	4/19/2017
Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]											
BTEX	µg/m^3												
Benzene		5.8	**0.265 J**	**0.195 J**	**0.332 J**	**0.505 J**	**0.275 J**	**0.438 J**	**0.668**	**0.709**	**0.428 J**	**0.355 J**	**0.278 J**
Toluene		21	**0.757**	**0.603 J**	**0.626 J**	**1.74**	**1.29**	**1.22**	**0.795**	**1.35**	**0.298 J**	**1.06**	**0.938**
Ethylbenzene		1.9	0.869 U	0.869 U	0.869 U	**0.248 J**	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U
o-Xylene		2.5	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U
m/p-Xylene		3.1	1.74 U	1.74 U	1.74 U	**0.73 J**	1.74 U	1.74 U	1.74 U	**0.617 J**	1.74 U	1.74 U	1.74 U
Other VOCs	µg/m^3												
Acetaldehyde		NE	**2.7 J**	**9.03**	**11.1**	**4.59**	**6.97**	**4.11 J**	**2.76 J**	**4.04 J**	**2.72 J**	**2.54 J**	**2.56 J**
Acetone		58	**7.58**	**6.51**	**12.4**	**4.23**	**3.97**	**5.01**	**3.18**	**5.77 B**	**3.71**	**5.2 B**	**3.14 B**
Acrolein (propenal)		NE	1.15 U	1.15 U	**0.305 J**	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U
Allyl chloride (3-Chloropropene)		NE	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U
Benzothiophene (1-Benzothiophene)		NE	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U
Bromodichloromethane		NE	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U
Bromoform		NE	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U
Bromomethane		0.9	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U
1,3-Butadiene		NE	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U
Butane		NE	**1.19**	**0.568 B**	**0.837 B**	**1.89**	**0.941**	**2.04**	**2.78**	**3.9**	**1.38**	**0.801**	**0.58**
t-Butyl alcohol (Tertiary Butyl Alcohol)		NE	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U
Carbon disulfide		NE	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U
Carbon tetrachloride		1	**0.497 J**	**0.434 J**	**0.434 J**	**0.497 J**	**0.371 J**	**0.34 J**	**0.34 J**	**0.453 J**	**0.333 J**	**0.465 J**	**0.503 J**
Chlorobenzene		0.25	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U
Chloroethane		0.4	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U
Chloroform (Trichloromethane)		0.5	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U
Chloromethane		4.6	**0.797**	**0.828**	**1.06**	**0.989**	**0.971**	**0.913**	**1.03**	**1.01**	**1.05**	**1.09**	**0.884**
2-Chlorotoluene (o-Chlorotoluene)		NE	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U
Cryofluorane (Freon 114)		1.3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Cyclohexane		3	0.688 U	0.688 U	0.688 U	**0.275 J**	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
n-Decane (C10)		3.6	1.16 U	1.16 U	1.16 U	1.16 U	**0.378 J**	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U
Dibromochloromethane		NE	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
1,2-Dibromoethane (EDB)		0.25	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene		0.9	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,3-Dichlorobenzene		0.7	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene		0.8	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Dichlorodifluoromethane (Freon 12)		11	**1.32**	**2.14**	**2.32**	**2.22**	**1.74**	**1.6**	**1.34**	**2.02**	**1.54**	**1.52**	**2.55**
1,1-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,2-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
cis-1,2-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
trans-1,2-Dichloroethene		NE	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
1,2-Dichloropropane		0.25	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U
cis-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
trans-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
1,4-Dioxane		NE	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
n-Dodecane (C12)		7.6	1.39 U	1.39 U	1.39 U	3.48 U	**0.968 J**	1.39 U	1.39 U	3.48 U	1.39 U	3.48 U	3.48 U
Ethanol		220	**4.22 J**	**2.98 J**	**4.01 J**	**5.24**	**3 J**	**3.3 J**	**2.86 J**	**4.05 J**	**1.31 J**	**2.13 J**	**1.33 J**
2-Ethylthiophene		NE	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U

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		Operable Unit	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZAA-6	OZAA-7	OZAA-7	OZAA-7	OZAA-7	OZAA-7	OZAA-7	OZAA-7	OZAA-7	OZAA-7	OZAA-7
		Sample Date	6/22/2017	7/26/2016	8/16/2016	9/26/2016	10/24/2016	11/28/2016	12/22/2016	1/26/2017	2/15/2017	3/30/2017	4/19/2017
Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]											
4-Ethyltoluene (p-Ethyltoluene)		NE	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
n-Heptane (C7)		5.1	0.82 U	0.82 U	**0.307 J**	**0.311 J**	0.82 U	0.82 U	0.82 U	**0.344 J**	0.82 U	0.82 U	0.82 U
1,3-Hexachlorobutadiene (C-46)		7	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U
n-Hexane (C6)		3.6	**0.444 J**	0.705 U	**0.261 J**	**0.617 J**	0.705 U	**0.24 J**	**0.395 J**	**0.874**	0.705 U	0.705 U	0.705 U
2-Hexanone		NE	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Indane		NE	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U
Indene		NE	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
Methyl ethyl ketone (2-Butanone)		17	**0.593 J**	**0.785 J**	**0.72 J**	**0.661 J**	**1.17 J**	**0.436 J**	**0.363 J**	**0.894 J**	**0.333 J**	**0.407 J**	**0.321 J**
Methyl tert-butyl ether (MTBE)		5.9	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
4-Methyl-2-pentanone (MIBK)		2.9	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U
Methylene chloride		2.9	1.74 U	1.74 U	**1.21 J**	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U
1-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
3-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
Naphthalene		10	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	**0.283 JB**	1.05 U	1.05 U	1.05 U
n-Nonane (C9)		1.2	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
n-Octane (C8)		2.1	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U
Pentane		NE	**0.947**	**0.525 JB**	**0.755**	**1.53**	**0.546 J**	**0.918**	**1.29**	**1.48**	**0.502 J**	**0.398 J**	**0.274 J**
2-Propanol (Isopropyl Alcohol)		NE	**0.934 JB**	**0.349 J**	1.23 U	**0.649 J**	**0.278 J**	**0.329 J**	**0.337 J**	**1.17 JB**	1.23 U	1.23 U	1.23 U
Styrene		0.6	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U
1,1,2,2-Tetrachloroethane		0.25	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U
Tetrachloroethene (PCE)		1.6	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U
1,2,4,5-Tetramethylbenzene		NE	2.74 U	1.1 U	1.1 U	2.74 U	1.1 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U
Thiophene		NE	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		3.6	1.53 U	**0.475 J**	**0.483 J**	**0.468 J**	**0.468 J**	**0.46 J**	1.53 U	**0.552 J**	**0.429 J**	1.53 U	**0.406 J**
1,2,4-Trichlorobenzene		4.8	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U
1,1,1-Trichloroethane (TCA)		0.7	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
1,1,2-Trichloroethane		0.25	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
Trichloroethene (TCE)		0.5	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Trichlorofluoromethane (Freon 11)		6.1	**1.12**	**1.27**	**1.38**	**1.21**	**1.19**	**1.13**	**0.967 J**	**1.2**	**1.14**	**0.933 J**	**0.894 J**
1,2,3-Trimethylbenzene		0.6	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,2,4-Trimethylbenzene		2.5	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,3,5-Trimethylbenzene		1	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
2,2,4-Trimethylpentane (iso-Octane)		2	**0.472 J**	0.934 U	**0.481 J**	**0.799 J**	0.934 U	**0.364 J**	0.934 U	**0.416 J**	0.934 U	0.934 U	0.934 U
n-Undecane (C11)		2.3	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U
Vinyl bromide (Bromoethene)		NE	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U
Vinyl chloride		0.25	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U

Table 2-2. Ambient Air Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid, Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

		Operable Unit	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZAA-7	OZAA-7	OZAA-8	OZAA-8	OZAA-8	OZAA-8	OZAA-8	OZAA-8	OZAA-8	OZAA-8	OZAA-8
		Sample Date	5/30/2017	6/22/2017	7/26/2016	8/16/2016	9/26/2016	10/24/2016	11/28/2016	12/22/2016	1/26/2017	2/15/2017	3/30/2017
Analyte	**Units**	**NYSDOH Background Outdoor Air 95th Percentile[1]**											
BTEX	µg/m^3												
Benzene		5.8	**0.173 J**	**0.188 J**	**0.987**	**0.185 J**	**0.629 J**	**0.3 J**	**0.454 J**	**0.409 J**	**0.875**	**0.396 J**	**0.345 J**
Toluene		21	**0.369 J**	**0.607 J**	**0.701 J**	**0.686 J**	**1.48**	**0.656 J**	**1.7**	**0.445 J**	**1.6**	**0.264 J**	**0.701 J**
Ethylbenzene		1.9	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	**0.265 J**	0.869 U	0.869 U
o-Xylene		2.5	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U
m/p-Xylene		3.1	1.74 U	1.74 U	1.74 U	1.74 U	**0.617 J**	1.74 U	1.74 U	1.74 U	**0.725 J**	1.74 U	1.74 U
Other VOCs	µg/m^3												
Acetaldehyde		NE	**2.85 JB**	**6.88**	**3.62 J**	**7.77**	**6.47**	4.5 U	**3.66 J**	**6.95**	**3.46 J**	**7.06**	**4.68**
Acetone		58	**4.32 B**	**7.29**	**8.2**	**9.53**	**6.58**	**3.59**	**4.89**	**6.03**	**6.32 B**	**4.42**	**4.61 B**
Acrolein (propenal)		NE	1.15 U	1.15 U	1.15 U	1.15 U	**0.339 J**	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U
Allyl chloride (3-Chloropropene)		NE	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U
Benzothiophene (1-Benzothiophene)		NE	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U
Bromodichloromethane		NE	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U
Bromoform		NE	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U
Bromomethane		0.9	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U
1,3-Butadiene		NE	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U
Butane		NE	**0.418 J**	**0.618**	**0.604 B**	**0.578 B**	**2.25**	**0.972**	**2.61**	**1.96**	**5.92**	**1.25**	**1.17**
t-Butyl alcohol (Tertiary Butyl Alcohol)		NE	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U
Carbon disulfide		NE	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U
Carbon tetrachloride		1	**0.371 J**	**0.472 J**	**0.359 J**	**0.44 J**	**0.409 J**	**0.421 J**	**0.315 J**	1.26 U	**0.415 J**	1.26 U	**0.352 J**
Chlorobenzene		0.25	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U
Chloroethane		0.4	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U
Chloroform (Trichloromethane)		0.5	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	**0.576 J**	0.977 U	0.977 U
Chloromethane		4.6	**0.946**	**0.83**	**0.781**	**1.27**	**1.03**	**1.06**	**0.999**	**1.1**	**1.21**	**1.12**	**0.96**
2-Chlorotoluene (o-Chlorotoluene)		NE	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U
Cryofluorane (Freon 114)		1.3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Cyclohexane		3	0.688 U	0.688 U	0.688 U	0.688 U	**0.296 J**	0.688 U	0.688 U	0.688 U	**0.313 J**	0.688 U	0.688 U
n-Decane (C10)		3.6	1.16 U	1.16 U	1.16 U	**0.751 J**	1.16 U	**0.675 J**	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U
Dibromochloromethane		NE	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
1,2-Dibromoethane (EDB)		0.25	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene		0.9	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,3-Dichlorobenzene		0.7	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene		0.8	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Dichlorodifluoromethane (Freon 12)		11	**1.6**	**1.59**	**2.22**	**2.72**	**1.5**	**2.07**	**1.82**	**1.23**	**2.33**	**1.44**	**1.98**
1,1-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,2-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
cis-1,2-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
trans-1,2-Dichloroethene		NE	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
1,2-Dichloropropane		0.25	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U
cis-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
trans-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
1,4-Dioxane		NE	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
n-Dodecane (C12)		7.6	1.39 U	1.39 U	1.39 U	**1.46**	3.48 U	**0.989 J**	1.39 U	1.39 U	3.48 U	1.39 U	3.48 U
Ethanol		220	**2.86 JB**	**4.2 J**	**2.6 J**	**2.64 J**	**7.08**	**2.05 J**	**3.84 J**	**3.17 J**	**4.99**	**1.68 J**	**2.41 J**
2-Ethylthiophene		NE	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U

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		Operable Unit	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZAA-7	OZAA-7	OZAA-8	OZAA-8	OZAA-8	OZAA-8	OZAA-8	OZAA-8	OZAA-8	OZAA-8	OZAA-8
		Sample Date	5/30/2017	6/22/2017	7/26/2016	8/16/2016	9/26/2016	10/24/2016	11/28/2016	12/22/2016	1/26/2017	2/15/2017	3/30/2017
Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]											
4-Ethyltoluene (p-Ethyltoluene)		NE	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
n-Heptane (C7)		5.1	0.82 U	0.82 U	0.82 U	0.82 U	**0.332 J**	0.82 U	0.82 U	0.82 U	**0.369 J**	0.82 U	0.82 U
1,3-Hexachlorobutadiene (C-46)		7	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U
n-Hexane (C6)		3.6	**0.293 J**	**0.282 J**	**0.264 J**	0.705 U	**0.722**	0.705 U	**0.275 J**	**0.208 J**	**1.19**	0.705 U	0.705 U
2-Hexanone		NE	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Indane		NE	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U
Indene		NE	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
Methyl ethyl ketone (2-Butanone)		17	**0.295 J**	**0.79 J**	**0.534 J**	**0.616 J**	**1 J**	**0.389 J**	**0.407 J**	**0.625 J**	**0.855 J**	**0.643 J**	**0.445 J**
Methyl tert-butyl ether (MTBE)		5.9	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
4-Methyl-2-pentanone (MIBK)		2.9	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U
Methylene chloride		2.9	**3.17**	1.74 U	**2.22**	1.74 U	**1.73 J**	1.74 U	**1.07 J**	1.74 U	**1.37 J**	1.74 U	1.74 U
1-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
3-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
Naphthalene		10	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
n-Nonane (C9)		1.2	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
n-Octane (C8)		2.1	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U
Pentane		NE	**0.407 J**	**0.525 J**	**0.637 B**	**0.62**	**1.96**	**0.602**	**1.17**	**0.873**	**2.53**	**0.451 J**	**0.537 J**
2-Propanol (Isopropyl Alcohol)		NE	1.23 U	**0.956 JB**	**0.966 J**	1.23 U	**0.86 J**	**0.224 J**	**0.371 J**	**0.248 J**	**1.35 B**	1.23 U	1.23 U
Styrene		0.6	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U
1,1,2,2-Tetrachloroethane		0.25	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U
Tetrachloroethene (PCE)		1.6	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U
1,2,4,5-Tetramethylbenzene		NE	1.1 U	2.74 U	1.1 U	1.1 U	2.74 U	1.1 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U
Thiophene		NE	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		3.6	1.53 U	**0.46 J**	1.53 U	**0.483 J**	**0.521 J**	**0.575 J**	**0.498 J**	1.53 U	**0.544 J**	**0.452 J**	1.53 U
1,2,4-Trichlorobenzene		4.8	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U
1,1,1-Trichloroethane (TCA)		0.7	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
1,1,2-Trichloroethane		0.25	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
Trichloroethene (TCE)		0.5	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Trichlorofluoromethane (Freon 11)		6.1	**1.06 J**	**1.24**	**1.11 J**	**1.35**	**1.2**	**1.28**	**1.12**	**0.989 J**	**1.31**	**1.11 J**	**0.922 J**
1,2,3-Trimethylbenzene		0.6	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,2,4-Trimethylbenzene		2.5	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,3,5-Trimethylbenzene		1	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
2,2,4-Trimethylpentane (iso-Octane)		2	**0.35 J**	**0.35 J**	**0.318 J**	0.934 U	**0.943**	0.934 U	0.934 U	0.934 U	**0.537 J**	0.934 U	0.934 U
n-Undecane (C11)		2.3	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U
Vinyl bromide (Bromoethene)		NE	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U
Vinyl chloride		0.25	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U

Table 2-2. Ambient Air Analytical Results
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National Grid, Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

		Operable Unit	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZAA-8	OZAA-8	OZAA-8	OZAA-9	OZAA-9	OZAA-9	OZAA-9	OZAA-9	OZAA-9	OZAA-9	OZAA-9
		Sample Date	4/19/2017	5/30/2017	6/22/2017	7/26/2016	8/16/2016	9/26/2016	10/24/2016	11/28/2016	12/22/2016	1/26/2017	2/15/2017
Analyte	**Units**	**NYSDOH Background Outdoor Air 95th Percentile[1]**											
BTEX	µg/m^3												
Benzene		5.8	**0.211 J**	**0.179 J**	**0.243 J**	**0.249 J**	**0.275 J**	**0.607 J**	**0.323 J**	**0.457 J**	**0.45 J**	**0.738**	**0.62 J**
Toluene		21	**0.237 J**	**0.46 J**	**1.04**	**0.72 J**	**0.592 J**	**1.55**	**0.558 J**	**1.56**	**0.471 J**	**1.51**	**0.757**
Ethylbenzene		1.9	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U
o-Xylene		2.5	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U
m/p-Xylene		3.1	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	**0.691 J**	1.74 U	1.74 U	1.74 U	**0.617 J**	1.74 U
Other VOCs	µg/m^3												
Acetaldehyde		NE	**2 J**	**3.33 JB**	**11**	**5.39**	**13.6**	4.5 U	4.5 U	**4.77**	**9.42**	**2.58 J**	**4.86**
Acetone		58	**6.79**	**4.51 B**	**9.69**	**7.22**	**8.79**	**4.61**	**3.56**	**3.25**	**3.71**	**5.89 B**	**4.11**
Acrolein (propenal)		NE	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U
Allyl chloride (3-Chloropropene)		NE	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U
Benzothiophene (1-Benzothiophene)		NE	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U
Bromodichloromethane		NE	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U
Bromoform		NE	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U
Bromomethane		0.9	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U
1,3-Butadiene		NE	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U
Butane		NE	**0.426 J**	**0.537**	**1.16**	**0.532 B**	**0.944 B**	**2.02**	**1**	**2.02**	**1.95**	**4.18**	**3.49**
t-Butyl alcohol (Tertiary Butyl Alcohol)		NE	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U
Carbon disulfide		NE	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U
Carbon tetrachloride		1	**0.333 J**	**0.333 J**	**0.447 J**	**0.371 J**	**0.459 J**	**0.484 J**	**0.409 J**	**0.315 J**	1.26 U	**0.447 J**	**0.302 J**
Chlorobenzene		0.25	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U
Chloroethane		0.4	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U
Chloroform (Trichloromethane)		0.5	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U
Chloromethane		4.6	**1.01**	**0.94**	**0.948**	**0.781**	**1.17**	**1**	**0.999**	**0.968**	**1.17**	**1.11**	**1.06**
2-Chlorotoluene (o-Chlorotoluene)		NE	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U
Cryofluorane (Freon 114)		1.3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Cyclohexane		3	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	**0.317 J**	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
n-Decane (C10)		3.6	1.16 U	1.16 U	**0.931 J**	1.16 U	1.16 U	1.16 U	**0.297 J**	1.16 U	1.16 U	**0.623 J**	**0.355 J**
Dibromochloromethane		NE	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
1,2-Dibromoethane (EDB)		0.25	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene		0.9	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,3-Dichlorobenzene		0.7	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene		0.8	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Dichlorodifluoromethane (Freon 12)		11	**2.38**	**1.63**	**1.6**	**2.23**	**2.31**	**2.22**	**1.88**	**1.37**	**1.45**	**2.18**	**1.38**
1,1-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,2-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
cis-1,2-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
trans-1,2-Dichloroethene		NE	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
1,2-Dichloropropane		0.25	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U
cis-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
trans-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
1,4-Dioxane		NE	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
n-Dodecane (C12)		7.6	3.48 U	1.39 U	**1.9**	1.39 U	1.39 U	3.48 U	**0.362 J**	1.39 U	1.39 U	**1.14 J**	**0.369 J**
Ethanol		220	**1.26 J**	**4.97**	**5.65**	**4.35 J**	**3.75 J**	**5.37**	**1.78 J**	**3.58 J**	**3.47 J**	**3.58 J**	**4.01 J**
2-Ethylthiophene		NE	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U

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Bay Shore, NY

		Operable Unit	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZAA-8	OZAA-8	OZAA-8	OZAA-9	OZAA-9	OZAA-9	OZAA-9	OZAA-9	OZAA-9	OZAA-9	OZAA-9
		Sample Date	4/19/2017	5/30/2017	6/22/2017	7/26/2016	8/16/2016	9/26/2016	10/24/2016	11/28/2016	12/22/2016	1/26/2017	2/15/2017
Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]											
4-Ethyltoluene (p-Ethyltoluene)		NE	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
n-Heptane (C7)		5.1	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	**0.324 J**	0.82 U	0.82 U	0.82 U	**0.385 J**	0.82 U
1,3-Hexachlorobutadiene (C-46)		7	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U
n-Hexane (C6)		3.6	0.705 U	**0.324 J**	**0.43 J**	0.705 U	**0.261 J**	**0.638 J**	0.705 U	**0.296 J**	**0.233 J**	**0.923**	**0.504 J**
2-Hexanone		NE	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Indane		NE	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U
Indene		NE	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
Methyl ethyl ketone (2-Butanone)		17	**0.201 J**	**0.434 J**	**0.9 J**	**0.696 J**	**0.696 J**	**0.537 J**	**0.336 J**	**0.41 J**	**0.988 J**	**0.841 J**	**0.425 J**
Methyl tert-butyl ether (MTBE)		5.9	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
4-Methyl-2-pentanone (MIBK)		2.9	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U
Methylene chloride		2.9	1.74 U	**3.35**	1.74 U	**1.44 J**	**1.27 J**	**1.14 J**	1.74 U	**1.76**	1.74 U	1.74 U	**7.43**
1-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
3-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
Naphthalene		10	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
n-Nonane (C9)		1.2	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
n-Octane (C8)		2.1	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	**0.215 J**	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U
Pentane		NE	0.59 U	**0.528 J**	**1**	**0.555 JB**	**0.691**	**1.62**	**0.511 J**	**0.968**	**0.938**	**1.67**	**1.35**
2-Propanol (Isopropyl Alcohol)		NE	1.23 U	1.23 U	1.23 U	**0.283 J**	1.23 U	**0.61 J**	**0.234 J**	**0.401 J**	**0.261 J**	**1.51 B**	1.23 U
Styrene		0.6	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U
1,1,2,2-Tetrachloroethane		0.25	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U
Tetrachloroethene (PCE)		1.6	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	**5.08**	1.36 U
1,2,4,5-Tetramethylbenzene		NE	2.74 U	1.1 U	2.74 U	1.1 U	1.1 U	2.74 U	1.1 U	2.74 U	2.74 U	2.74 U	2.74 U
Thiophene		NE	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		3.6	1.53 U	**0.406 J**	**0.674 J**	1.53 U	**0.483 J**	**0.498 J**	**0.529 J**	**0.567 J**	1.53 U	**0.491 J**	1.53 U
1,2,4-Trichlorobenzene		4.8	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U
1,1,1-Trichloroethane (TCA)		0.7	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
1,1,2-Trichloroethane		0.25	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
Trichloroethene (TCE)		0.5	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Trichlorofluoromethane (Freon 11)		6.1	**0.82 J**	**1.01 J**	**1.29**	**1.21**	**1.36**	**1.18**	**1.15**	**1.15**	**0.967 J**	**1.11 J**	**1.1 J**
1,2,3-Trimethylbenzene		0.6	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,2,4-Trimethylbenzene		2.5	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,3,5-Trimethylbenzene		1	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
2,2,4-Trimethylpentane (iso-Octane)		2	0.934 U	**0.332 J**	**0.57 J**	0.934 U	**0.621 J**	**0.789 J**	0.934 U	**0.35 J**	0.934 U	**0.378 J**	0.934 U
n-Undecane (C11)		2.3	1.28 U	1.28 U	**0.729 J**	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	**0.46 J**	1.28 U
Vinyl bromide (Bromoethene)		NE	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U
Vinyl chloride		0.25	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U

Table 2-2. Ambient Air Analytical Results
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National Grid, Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

		Operable Unit	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZAA-9	OZAA-9	OZAA-9	OZAA-9	OZAA-10	OZAA-10	OZAA-10	OZAA-10	OZAA-10	OZAA-10	OZAA-10
		Sample Date	3/30/2017	4/19/2017	5/30/2017	6/22/2017	7/26/2016	8/16/2016	9/26/2016	10/24/2016	11/28/2016	12/22/2016	1/26/2017
Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]											
BTEX	µg/m^3												
Benzene		5.8	**0.345 J**	**0.288 J**	0.639 U	**0.31 J**	0.639 U	0.639 U	**0.524 J**	**0.272 J**	**0.383 J**	**0.396 J**	**0.661**
Toluene		21	**0.901**	**0.433 J**	**0.283 J**	**0.863**	**0.362 J**	**0.324 J**	**1.53**	**0.516 J**	**1.06**	**0.433 J**	**1.1**
Ethylbenzene		1.9	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	**0.282 J**	0.869 U	0.869 U	0.869 U	0.869 U
o-Xylene		2.5	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U	**0.361 J**	0.869 U	0.869 U	0.869 U	0.869 U
m/p-Xylene		3.1	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	**0.873 J**	1.74 U	1.74 U	1.74 U	1.74 U
Other VOCs	µg/m^3												
Acetaldehyde		NE	**2.7 J**	**3.53 J**	**5.19**	**3.93 J**	**5.55**	**12.6**	**6.02**	4.5 U	**5.51**	**3.08 J**	**5.26**
Acetone		58	**4.18 B**	**3.68 B**	**3.25 B**	**6.96**	**9.34**	**10.1**	**5.46**	**3.04**	**4.04**	**3.92**	**5.94 B**
Acrolein (propenal)		NE	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U	**0.417 J**	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U
Allyl chloride (3-Chloropropene)		NE	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U
Benzothiophene (1-Benzothiophene)		NE	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U
Bromodichloromethane		NE	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U
Bromoform		NE	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U
Bromomethane		0.9	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U
1,3-Butadiene		NE	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U
Butane		NE	**0.891**	**0.694**	**0.357 J**	**1**	**0.54 B**	**0.789 B**	**1.74**	**0.83**	**1.47**	**1.85**	**3.73**
t-Butyl alcohol (Tertiary Butyl Alcohol)		NE	1.52 U	1.52 U	1.52 U	1.52 U	**0.212 J**	1.52 U	**0.212 J**	1.52 U	1.52 U	1.52 U	1.52 U
Carbon disulfide		NE	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U
Carbon tetrachloride		1	**0.403 J**	**0.403 J**	**0.403 J**	**0.415 J**	**0.321 J**	**0.428 J**	**0.522 J**	**0.434 J**	**0.327 J**	1.26 U	**0.459 J**
Chlorobenzene		0.25	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U
Chloroethane		0.4	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U
Chloroform (Trichloromethane)		0.5	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U
Chloromethane		4.6	**1.03**	**0.931**	**0.94**	**0.82**	**0.865**	**1.16**	**0.938**	**1.02**	**1.04**	**1.12**	**1.1**
2-Chlorotoluene (o-Chlorotoluene)		NE	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U
Cryofluorane (Freon 114)		1.3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Cyclohexane		3	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	**0.472 J**	0.688 U	0.688 U	0.688 U	0.688 U
n-Decane (C10)		3.6	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U	**0.396 J**	1.16 U	1.16 U	1.16 U	1.16 U
Dibromochloromethane		NE	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
1,2-Dibromoethane (EDB)		0.25	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene		0.9	1.2 U	1.2 U	1.2 U	1.2 U	**0.469 J**	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,3-Dichlorobenzene		0.7	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene		0.8	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Dichlorodifluoromethane (Freon 12)		11	**0.465 J**	**2.29**	**1.81**	**1.68**	**2.02**	**2.39**	**1.9**	**1.9**	**1.78**	**1.32**	**1.89**
1,1-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,2-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
cis-1,2-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
trans-1,2-Dichloroethene		NE	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
1,2-Dichloropropane		0.25	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U
cis-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
trans-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
1,4-Dioxane		NE	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
n-Dodecane (C12)		7.6	3.48 U	3.48 U	1.39 U	**0.362 J**	**0.801 J**	1.39 U	**1.15 J**	1.39 U	1.39 U	1.39 U	3.48 U
Ethanol		220	**2.49 J**	**1.45 J**	**2.34 JB**	**3.81 J**	**2.03 J**	**2.34 J**	**6.9**	**1.84 J**	**3.11 J**	**2.41 J**	**3.94 J**
2-Ethylthiophene		NE	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U

Table 2-2. Ambient Air Analytical Results
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		Operable Unit	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZAA-9	OZAA-9	OZAA-9	OZAA-9	OZAA-10	OZAA-10	OZAA-10	OZAA-10	OZAA-10	OZAA-10	OZAA-10
		Sample Date	3/30/2017	4/19/2017	5/30/2017	6/22/2017	7/26/2016	8/16/2016	9/26/2016	10/24/2016	11/28/2016	12/22/2016	1/26/2017
Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]											
4-Ethyltoluene (p-Ethyltoluene)		NE	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
n-Heptane (C7)		5.1	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	**0.373 J**	0.82 U	0.82 U	0.82 U	**0.295 J**
1,3-Hexachlorobutadiene (C-46)		7	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U
n-Hexane (C6)		3.6	0.705 U	0.705 U	**0.215 J**	**0.356 J**	0.705 U	0.705 U	**0.659 J**	0.705 U	0.705 U	**0.388 J**	**0.733**
2-Hexanone		NE	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Indane		NE	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U
Indene		NE	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
Methyl ethyl ketone (2-Butanone)		17	**0.454 J**	**0.333 J**	**0.319 J**	**0.717 J**	**0.669 J**	**0.947 J**	**0.891 J**	**0.274 J**	**0.693 J**	**0.313 J**	**0.911 J**
Methyl tert-butyl ether (MTBE)		5.9	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
4-Methyl-2-pentanone (MIBK)		2.9	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U
Methylene chloride		2.9	**1.47 J**	1.74 U	**1.94**	1.74 U	1.74 U	**1.34 J**	1.74 U	**1.07 J**	1.74 U	**3.58**	1.74 U
1-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
3-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
Naphthalene		10	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
n-Nonane (C9)		1.2	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
n-Octane (C8)		2.1	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	**0.229 J**	0.934 U	0.934 U	0.934 U	0.934 U
Pentane		NE	0.59 U	0.59 U	**0.354 J**	**0.658**	**0.437 JB**	**0.599**	**1.59**	**0.443 J**	**0.696**	**0.921**	**1.3**
2-Propanol (Isopropyl Alcohol)		NE	1.23 U	1.23 U	1.23 U	1.23 U	**0.43 J**	1.23 U	**0.669 J**	**0.263 J**	**0.305 J**	**0.238 J**	**1.15 JB**
Styrene		0.6	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U
1,1,2,2-Tetrachloroethane		0.25	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U
Tetrachloroethene (PCE)		1.6	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U
1,2,4,5-Tetramethylbenzene		NE	2.74 U	2.74 U	1.1 U	2.74 U	1.1 U	1.1 U	2.74 U	1.1 U	2.74 U	2.74 U	2.74 U
Thiophene		NE	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		3.6	1.53 U	1.53 U	**0.445 J**	**0.56 J**	1.53 U	**0.452 J**	**0.567 J**	**0.475 J**	**0.475 J**	**0.414 J**	**0.491 J**
1,2,4-Trichlorobenzene		4.8	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U
1,1,1-Trichloroethane (TCA)		0.7	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
1,1,2-Trichloroethane		0.25	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
Trichloroethene (TCE)		0.5	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Trichlorofluoromethane (Freon 11)		6.1	**0.899 J**	**0.944 J**	**0.989 J**	**1.23**	**1.14**	**1.35**	**1.17**	**1.26**	**1.14**	**0.961 J**	**1.17**
1,2,3-Trimethylbenzene		0.6	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,2,4-Trimethylbenzene		2.5	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	**0.354 J**	0.983 U	0.983 U	0.983 U	0.983 U
1,3,5-Trimethylbenzene		1	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
2,2,4-Trimethylpentane (iso-Octane)		2	0.934 U	0.934 U	**0.332 J**	**0.528 J**	0.934 U	0.934 U	**0.972**	0.934 U	0.934 U	0.934 U	**0.364 J**
n-Undecane (C11)		2.3	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U	**0.499 J**	1.28 U	1.28 U	1.28 U	1.28 U
Vinyl bromide (Bromoethene)		NE	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U
Vinyl chloride		0.25	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U

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		Operable Unit	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZAA-10	OZAA-10	OZAA-10	OZAA-10	OZAA-10
		Sample Date	2/15/2017	3/30/2017	4/19/2017	5/30/2017	6/22/2017
Analyte	**Units**	**NYSDOH Background Outdoor Air 95th Percentile[1]**					
BTEX	µg/m^3						
Benzene		5.8	**0.447 J**	**0.339 J**	**0.291 J**	0.639 U	**0.214 J**
Toluene		21	**0.403 J**	**0.795**	**0.335 J**	**0.256 J**	**0.803**
Ethylbenzene		1.9	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U
o-Xylene		2.5	0.869 U	0.869 U	0.869 U	0.869 U	0.869 U
m/p-Xylene		3.1	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U
Other VOCs	µg/m^3						
Acetaldehyde		NE	**5.93**	**4.49 J**	**2.27 J**	**2.41 JB**	**7.84**
Acetone		58	**2.95**	**6.32 B**	**3.92 B**	**3.14 B**	**7.89**
Acrolein (propenal)		NE	1.15 U	1.15 U	1.15 U	1.15 U	1.15 U
Allyl chloride (3-Chloropropene)		NE	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U
Benzothiophene (1-Benzothiophene)		NE	2.74 U	2.74 U	2.74 U	2.74 U	2.74 U
Bromodichloromethane		NE	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U
Bromoform		NE	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U
Bromomethane		0.9	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U
1,3-Butadiene		NE	0.442 U	0.442 U	0.442 U	0.442 U	0.442 U
Butane		NE	**1.55**	**0.91**	**0.494**	**0.29 J**	**0.97**
t-Butyl alcohol (Tertiary Butyl Alcohol)		NE	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U
Carbon disulfide		NE	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U
Carbon tetrachloride		1	1.26 U	**0.34 J**	**0.453 J**	**0.39 J**	**0.478 J**
Chlorobenzene		0.25	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U
Chloroethane		0.4	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U
Chloroform (Trichloromethane)		0.5	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U
Chloromethane		4.6	**1.1**	**1.08**	**1.02**	**0.968**	**0.902**
2-Chlorotoluene (o-Chlorotoluene)		NE	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U
Cryofluorane (Freon 114)		1.3	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Cyclohexane		3	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
n-Decane (C10)		3.6	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U
Dibromochloromethane		NE	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
1,2-Dibromoethane (EDB)		0.25	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene		0.9	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,3-Dichlorobenzene		0.7	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene		0.8	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Dichlorodifluoromethane (Freon 12)		11	**1.64**	**1.16**	**2.65**	**1.54**	**1.71**
1,1-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,2-Dichloroethane		0.25	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
cis-1,2-Dichloroethene		0.25	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
trans-1,2-Dichloroethene		NE	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
1,2-Dichloropropane		0.25	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U
cis-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
trans-1,3-Dichloropropene		0.25	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
1,4-Dioxane		NE	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
n-Dodecane (C12)		7.6	1.39 U	3.48 U	3.48 U	1.39 U	1.39 U
Ethanol		220	**1.71 J**	**2.88 J**	**1.2 J**	**3.41 J**	**3.71 J**
2-Ethylthiophene		NE	0.918 U	0.918 U	0.918 U	0.918 U	0.918 U

Table 2-2. Ambient Air Analytical Results
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		Operable Unit	OU2	OU2	OU2	OU2	OU2
		Sample Name	OZAA-10	OZAA-10	OZAA-10	OZAA-10	OZAA-10
		Sample Date	2/15/2017	3/30/2017	4/19/2017	5/30/2017	6/22/2017
Analyte	Units	NYSDOH Background Outdoor Air 95th Percentile[1]					
4-Ethyltoluene (p-Ethyltoluene)		NE	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
n-Heptane (C7)		5.1	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
1,3-Hexachlorobutadiene (C-46)		7	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U
n-Hexane (C6)		3.6	**0.226 J**	0.705 U	**0.303 J**	0.705 U	**0.324 J**
2-Hexanone		NE	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Indane		NE	0.967 U	0.967 U	0.967 U	0.967 U	0.967 U
Indene		NE	0.951 U	0.951 U	0.951 U	0.951 U	0.951 U
Methyl ethyl ketone (2-Butanone)		17	**0.363 J**	**0.667 J**	**0.195 J**	**0.295 J**	**0.867 J**
Methyl tert-butyl ether (MTBE)		5.9	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
4-Methyl-2-pentanone (MIBK)		2.9	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U
Methylene chloride		2.9	1.74 U	1.74 U	**11**	**1.06 J**	**1.35 J**
1-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylnaphthalene		NE	5.82 U	5.82 U	5.82 U	5.82 U	5.82 U
2-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
3-Methylthiophene		NE	0.803 U	0.803 U	0.803 U	0.803 U	0.803 U
Naphthalene		10	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
n-Nonane (C9)		1.2	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U
n-Octane (C8)		2.1	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U
Pentane		NE	**0.516 J**	**0.493 J**	**0.372 J**	0.59 U	**0.611**
2-Propanol (Isopropyl Alcohol)		NE	1.23 U	1.23 U	1.23 U	1.23 U	1.23 U
Styrene		0.6	0.852 U	0.852 U	0.852 U	0.852 U	0.852 U
1,1,2,2-Tetrachloroethane		0.25	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U
Tetrachloroethene (PCE)		1.6	1.36 U	1.36 U	1.36 U	1.36 U	1.36 U
1,2,4,5-Tetramethylbenzene		NE	2.74 U	2.74 U	2.74 U	1.1 U	2.74 U
Thiophene		NE	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		3.6	**0.437 J**	**0.483 J**	1.53 U	**0.445 J**	**0.514 J**
1,2,4-Trichlorobenzene		4.8	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U
1,1,1-Trichloroethane (TCA)		0.7	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
1,1,2-Trichloroethane		0.25	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
Trichloroethene (TCE)		0.5	1.07 U	1.07 U	1.07 U	1.07 U	1.07 U
Trichlorofluoromethane (Freon 11)		6.1	**1.11 J**	**0.955 J**	**0.922 J**	**1.04 J**	**1.15**
1,2,3-Trimethylbenzene		0.6	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,2,4-Trimethylbenzene		2.5	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,3,5-Trimethylbenzene		1	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
2,2,4-Trimethylpentane (iso-Octane)		2	0.934 U	0.934 U	0.934 U	0.934 U	**0.462 J**
n-Undecane (C11)		2.3	1.28 U	1.28 U	1.28 U	1.28 U	1.28 U
Vinyl bromide (Bromoethene)		NE	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U
Vinyl chloride		0.25	0.511 U	0.511 U	0.511 U	0.511 U	0.511 U

Table 2-2. Ambient Air Analytical Results
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Notes:

µg/m3 = micrograms per cubic meter
BTEX = benzene, toluene, ethylbenzene, and xylene
VOCs = volatile organic compounds

[1] Source: NYSDOH, October 2006. Summary of Indoor and Outdoor Levels of Volatile Organic Compounds from Fuel Oil Heated Homes reported in various locations within sampled homes in NYS, 1997-2003 as presented in Table C1. Background values for naphthalene are from the NYSDOH 1997 Control Home Database as presented in Table C3 of the NYSDOH 2006 Guidance.

Bolding indicates a detected result value
NE = not established

Data qualifiers:

B = The analyte was detected in the associated method blank.
J = estimated value
U = not detected to the reporting limit shown

Table 3-1. OU-1 Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
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Operable Unit No. 1

Well ID	Date of Measurement	Time of Measurement	Well Elevation[1] (feet above MSL)	Depth to Water (feet)	Water Elevation (feet above MSL)	Comments
BBMW-05D	4/4/2017	12:35	23.97	9.15	14.82	
BBMW-13D	4/4/2017	14:54	23.90	8.44	15.46	
BBMW-20I	4/5/2017	13:45	18.63	4.02	14.61	
BBMW-22S	4/4/2017	13:36	20.87	5.98	14.89	
BBMW-22I	4/4/2017	13:40	17.58	6.05	11.53	
BBMW-22D	4/4/2017	13:42	20.77	5.90	14.87	
BBMW-26S	4/4/2017	14:38	24.96	8.62	16.34	
BBMW-26I	4/4/2017	14:37	25.02	8.68	16.34	
BBMW-27S	4/4/2017	14:33	25.03	8.80	16.23	
BBMW-27I	4/4/2017	14:34	25.37	9.13	16.24	
BBMW-34S	4/4/2017	11:23	25.03	9.54	15.49	
BBMW-34I	4/4/2017	11:24	25.24	9.87	15.37	
BBMW-34I2	4/4/2017	11:25	25.05	9.73	15.32	
BBMW-34D	4/4/2017	11:35	25.21	9.86	15.35	
BBMW-35S	4/5/2017	14:20	24.08	11.77	12.31	
BBMW-35I	4/5/2017	14:22	24.17	10.02	14.15	
BBMW-35I2	4/5/2017	14:23	24.10	9.93	14.17	
BBMW-35D	4/5/2017	14:25	24.07	10.03	14.04	
BBMW-38S	4/4/2017	12:00	26.14	8.93	17.21	
BBMW-38I	4/4/2017	13:42	26.09	10.37	15.72	
BBMW-38I2	4/4/2017	13:45	26.16	10.48	15.68	
BBMW-38D	4/4/2017	12:03	26.08	10.34	15.74	
BBMW-39S	4/4/2017	11:39	23.99	8.96	15.03	
BBMW-39I	4/4/2017	11:40	24.03	9.00	15.03	
BBMW-39I2	4/4/2017	11:42	23.98	8.91	15.07	
BBMW-39D	4/4/2017	11:43	23.98	8.97	15.01	
BBMW-40S	4/4/2017	11:48	24.76	8.84	15.92	
BBMW-40I	4/4/2017	11:50	24.77	9.22	15.55	
BBMW-40I2	4/4/2017	11:51	24.77	9.24	15.53	
BBMW-40D	4/4/2017	11:52	24.76	9.22	15.54	
BBMW-41S	4/4/2017	11:19	24.28	8.75	15.53	
BBMW-41I	4/4/2017	11:14	24.37	8.80	15.57	
BBMW-41I2	4/4/2017	11:20	24.47	8.96	15.51	
BBMW-41D	4/4/2017	11:12	24.40	8.89	15.51	
MW-03S	4/4/2017	14:50	22.59	7.19	15.40	
MW-03D	4/4/2017	14:52	22.48	7.08	15.40	
MW-05S	4/4/2017	12:41	24.05	8.93	15.12	
MW-05D	4/4/2017	12:40	24.37	8.93	15.44	
MW-09S	4/4/2017	14:30	25.17	8.65	16.52	
MW-09I	4/4/2017	14:24	24.71	8.17	16.54	
MW-09I2	4/4/2017	14:14	25.59	9.13	16.46	
MW-09D	4/4/2017	14:17	25.51	9.07	16.44	
OZMW-16S	4/5/2017	14:12	19.88	5.74	14.14	
OZMW-16I	4/5/2017	14:14	19.90	5.75	14.15	missing bolt
OZMW-16I2	4/5/2017	14:15	19.72	5.58	14.14	
OZMW-16D	4/5/2017	14:16	20.10	5.93	14.17	missing bolt
OZMW-17S	4/5/2017	14:25	19.83	5.63	14.20	
OZMW-17I	4/5/2017	14:23	19.91	5.72	14.19	
OZMW-17I2	4/5/2017	14:21	19.86	5.72	14.14	
OZMW-17D	4/5/2017	14:19	19.88	5.71	14.17	
OZMW-18S	4/5/2017	14:32	19.56	5.46	14.10	
OZMW-18I	4/5/2017	14:28	19.98	5.47	14.51	missing well cover
OZMW-18I2	4/5/2017	14:31	19.97	5.37	14.60	
OZMW-18D	4/5/2017	14:30	19.53	5.38	14.15	
OZMW-19S	4/4/2017	11:31	26.11	11.13	14.98	
OZMW-19I	4/4/2017	11:32	26.08	11.41	14.67	
OZMW-19I2	4/4/2017	11:33	26.08	11.67	14.41	
OZMW-19D	4/4/2017	11:34	26.08	11.40	14.68	
OZMW-21S	4/4/2017	12:51	24.38	9.18	15.20	
OZMW-21I	4/4/2017	12:53	24.38	9.21	15.17	
OZMW-21I2	4/4/2017	12:51	24.36	9.25	15.11	
OZMW-21D	4/4/2017	12:52	24.33	9.13	15.20	
OZMW-22RS	4/4/2017	11:50	22.69	7.98	14.71	
OZMW-22RI	4/4/2017	11:51	22.72	8.07	14.65	
OZMW-23S	4/4/2017	11:05	24.33	10.05	14.28	
OZMW-23I	4/4/2017	11:08	24.32	10.03	14.29	
OZMW-23I2	4/4/2017	11:07	24.29	10.03	14.26	
OZMW-23D	4/4/2017	11:08	24.28	9.98	14.30	

Table 3-1. OU-1 Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
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Well ID	Date of Measurement	Time of Measurement	Well Elevation[1] (feet above MSL)	Depth to Water (feet)	Water Elevation (feet above MSL)	Comments
OZMW-24S	4/4/2017	11:12	20.39	8.68	11.71	
OZMW-24I	4/4/2017	11:14	23.12	8.79	14.33	
OZMW-24I2	4/4/2017	11:15	23.12	8.76	14.36	
OZMW-24D	4/4/2017	11:16	23.10	8.69	14.41	
OZMW-25S	4/4/2017	12:32	24.67	9.73	14.94	
OZMW-25I	4/4/2017	12:31	24.55	9.60	14.95	
OZMW-25I2	4/4/2017	12:30	24.61	9.64	14.97	
OZMW-25D	4/4/2017	12:28	24.82	9.86	14.96	
OZMW-26S	4/4/2017	11:18	24.59	10.00	14.59	
OZMW-26I	4/4/2017	11:20	24.60	9.94	14.66	
OZMW-26I2	4/4/2017	11:22	24.60	9.93	14.67	
OZMW-26D	4/4/2017	11:24	24.60	9.94	14.66	

Notes:
1 - Well Elevations obtained from 2007 survey or later and reference NAVD88 datum
MSL - Mean Sea Level

Table 3-2. OU-1 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
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Operable Unit No. 1

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Oct-92	Nov-99	Mar-02	Jun-02	Aug-02	Nov-02	Mar-03	Jul-03	Sep-03	Jan-04	Apr-04	Aug-04
BBMW-05D	64.0 - 74.0	NC	13.67	13.42	13.51	12.15	14.25	14.72	14.55	13.70	14.15	15.83	13.54
BBMW-05D2	126.5 - 136.5	NC	NC	14.00	13.82	12.30	14.72	15.54	15.07	14.51	15.10	16.23	14.38
BBMW-05D2R	127.0 - 137.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-13D	62.0 -72.0	NC	14.05	13.75	14.55	12.48	14.64	15.12	15.15	14.09	14.52	16.29	13.91
BBMW-20S	4.0 - 14.0	NC	NC	NC	12.59	11.28	13.21	13.72	13.56	12.71	13.13	14.59	12.56
BBMW-20I	35.0 - 45.0	NC	NC	NC	12.52	11.22	13.14	13.64	13.48	12.64	13.04	14.51	12.50
BBMW-20D	62.0 - 72.0	NC	NC	NC	12.62	11.32	13.25	13.76	13.62	12.93	13.33	14.80	12.76
BBMW-22S	5.0 - 10.0	NC	NC	13.26	13.34	12.01	13.99	14.52	14.35	13.51	13.92	15.54	13.34
BBMW-22I	30.0 - 40.0	NC	NC	13.26	13.34	12.02	14.01	14.52	14.36	13.42	13.94	15.52	13.33
BBMW-22D	64.0 - 74.0	NC	NC	13.26	13.34	12.01	14.01	14.55	14.37	13.61	13.98	15.52	13.37
BBMW-26S	6.0 - 16.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-26I	30.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-27S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-27I	30.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-34S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-34I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-34I2	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-34D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-35S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-35I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-35I2	40.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-35D	63.0 - 68.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-38S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-38I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-38I2	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-38D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-39S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-39I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-39I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-39D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-40S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-40I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-40I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-40D	70.0 - 75.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-41S	6.0 - 16.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-41I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-41I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-41D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-03S	3.0 -13.0	13.81	14.02	13.72	14.51	12.45	14.60	15.10	15.11	14.07	14.49	16.23	13.87
MW-03D	35.0 - 45.0	13.77	14.01	13.72	14.48	12.44	14.59	15.09	15.08	14.06	14.49	16.22	13.87
MW-05S	4.0 - 14.0	17.61	13.75	13.45	13.50	12.16	14.19	14.72	14.55	13.69	14.15	15.83	13.54
MW-05D	35.5 - 45.5	18.51	14.71	14.41	14.51	13.16	15.21	15.73	15.52	14.70	15.15	15.81	13.55
MW-09S	4.0 - 14.0	15.24	15.34	NC	15.08	13.55	15.67	16.50	16.55	15.54	15.88	17.44	15.26
MW-09I	30.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-09I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-09D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-16S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-16I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-16I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-16D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-17S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-17I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-17I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-2. OU-1 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 1

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Oct-92	Nov-99	Mar-02	Jun-02	Aug-02	Nov-02	Mar-03	Jul-03	Sep-03	Jan-04	Apr-04	Aug-04
OZMW-17D	53.0 - 63.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-18S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-18I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-18I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-18D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-19S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-19I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-19I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-19D	53.0 - 63.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-21S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-21I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-21I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-21D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22RS	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22RI	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-23S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-23I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-23I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-23D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-24S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-24I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-24I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-24D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-25S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-25I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-25I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-25D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-26S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-26I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-26I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-26D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-2. OU-1 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 1

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Oct-04	Feb-05	May-05	Aug-05	Nov-05	Feb-06	May-06	Jul/Aug-06	Nov-06	Jan-07	May-07	Jul/Aug-07
BBMW-05D	64.0 - 74.0	13.99	14.66	14.55	13.32	15.08	14.95	14.46	14.19	14.63	14.51	14.91	14.23
BBMW-05D2	126.5 - 136.5	15.10	15.66	15.62	13.64	16.27	16.22	15.38	14.51	15.61	15.81	16.19	14.44
BBMW-05D2R	127.0 - 137.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-13D	62.0 -72.0	14.37	15.04	14.86	13.71	15.45	15.33	14.83	14.54	14.99	14.93	15.32	14.55
BBMW-20S	4.0 - 14.0	13.00	13.66	13.54	12.35	14.08	13.93	13.45	13.17	13.64	13.55	NC	NC
BBMW-20I	35.0 - 45.0	12.92	12.68	13.46	12.63	14.34	14.20	13.73	13.42	13.90	13.79	NC	NC
BBMW-20D	62.0 - 72.0	13.20	13.83	NC	13.00	14.70	14.55	14.10	13.78	14.28	14.20	NC	NC
BBMW-22S	5.0 - 10.0	13.79	14.44	14.34	13.13	14.93	14.75	14.26	13.97	14.43	14.34	14.73	14.08
BBMW-22I	30.0 - 40.0	13.78	14.43	14.33	13.12	14.88	14.74	14.26	13.97	14.43	14.34	14.72	14.08
BBMW-22D	64.0 - 74.0	13.83	14.42	14.36	13.16	14.96	14.76	14.27	13.98	14.49	14.41	14.46	13.70
BBMW-26S	6.0 - 16.0	NC	16.11	16.09	14.74	16.60	16.49	15.98	15.72	16.11	16.07	16.46	15.67
BBMW-26I	30.0 - 40.0	NC	16.12	16.10	14.79	16.62	16.50	15.98	15.72	16.10	16.08	16.46	15.63
BBMW-27S	5.0 - 15.0	NC	16.10	16.08	14.73	16.59	16.47	15.98	NC	16.04	16.02	16.42	15.67
BBMW-27I	30.0 - 40.0	NC	16.14	16.11	14.78	16.62	16.50	16.00	NC	16.07	16.05	16.44	15.70
BBMW-34S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-34I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-34I2	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-34D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-35S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-35I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-35I2	40.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-35D	63.0 - 68.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-38S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-38I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-38I2	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-38D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-39S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-39I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-39I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-39D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-40S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-40I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-40I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-40D	70.0 - 75.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-41S	6.0 - 16.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-41I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-41I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-41D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-03S	3.0 -13.0	14.33	15.01	14.88	13.64	15.42	15.30	14.80	14.51	14.98	14.88	15.29	14.52
MW-03D	35.0 - 45.0	14.33	15.00	14.89	13.65	15.41	15.27	14.80	14.50	14.94	14.89	15.28	14.51
MW-05S	4.0 - 14.0	13.99	14.66	14.54	13.32	14.06	14.96	14.46	14.17	14.63	14.53	14.93	14.23
MW-05D	35.5 - 45.5	14.00	14.66	14.55	13.32	15.08	14.95	14.45	14.18	14.65	14.56	14.95	14.24
MW-09S	4.0 - 14.0	15.74	16.41	16.40	15.03	16.89	16.79	16.29	NC	16.34	16.33	16.75	15.96
MW-09I	30.0 - 40.0	NC	16.37	16.37	15.02	16.85	16.77	16.28	NC	16.34	16.32	16.72	15.94
MW-09I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-09D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-16S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-16I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-16I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-16D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-17S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-17I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-17I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-2. OU-1 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 1

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Oct-04	Feb-05	May-05	Aug-05	Nov-05	Feb-06	May-06	Jul/Aug-06	Nov-06	Jan-07	May-07	Jul/Aug-07
OZMW-17D	53.0 - 63.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-18S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-18I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-18I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-18D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-19S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-19I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-19I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-19D	53.0 - 63.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-21S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-21I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-21I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-21D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22RS	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22RI	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-23S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-23I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-23I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-23D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-24S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-24I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-24I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-24D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-25S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-25I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-25I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-25D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-26S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-26I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-26I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-26D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-2. OU-1 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 1

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Oct/Nov-07	Jan-08	Apr-08	Aug-08	Nov-08	Jan-09	May-09	Jul-09	Oct-09	Jan-10	Apr-10	Jul-10
BBMW-05D	64.0 - 74.0	13.41	14.27	15.01	14.01	14.54	14.60	14.91	14.82	13.69	14.70	16.40	13.63
BBMW-05D2	126.5 - 136.5	14.18	15.07	15.81	14.01	15.33	15.66	14.75	15.61	NC	NC	NC	NC
BBMW-05D2R	127.0 - 137.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-13D	62.0 -72.0	13.66	14.63	15.25	14.09	14.76	14.86	15.12	15.01	14.14	15.24	16.52	14.17
BBMW-20S	4.0 - 14.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-20I	35.0 - 45.0	NC	13.91	NC	NC	14.21	NC	NC	NC	NC	NC	14.42	11.72
BBMW-20D	62.0 - 72.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-22S	5.0 - 10.0	13.26	13.86	14.63	13.80	14.41	14.46	14.72	14.68	11.07	14.78	16.50	13.75
BBMW-22I	30.0 - 40.0	13.27	14.11	14.82	13.80	14.40	14.45	14.75	14.69	7.82	11.46	13.17	10.42
BBMW-22D	64.0 - 74.0	12.89	14.10	14.82	13.68	14.31	14.42	14.75	14.66	10.92	14.78	16.43	13.71
BBMW-26S	6.0 - 16.0	14.74	15.63	16.38	15.19	15.82	16.04	16.22	16.14	15.27	16.34	17.85	15.34
BBMW-26I	30.0 - 40.0	14.76	15.64	16.37	15.19	15.82	16.09	16.24	16.16	15.27	16.36	17.84	15.34
BBMW-27S	5.0 - 15.0	14.76	15.66	16.38	15.21	15.81	16.02	16.22	16.14	15.29	16.30	17.76	15.34
BBMW-27I	30.0 - 40.0	14.80	15.65	16.33	15.24	15.84	16.04	16.21	16.16	15.30	16.33	17.79	15.34
BBMW-34S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	14.27	15.33	16.65	14.21
BBMW-34I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	14.17	15.22	16.79	14.13
BBMW-34I2	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	14.16	15.22	16.61	14.15
BBMW-34D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	14.16	15.21	16.79	14.15
BBMW-35S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-35I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-35I2	40.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-35D	63.0 - 68.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-38S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	14.70	15.83	17.32	14.70
BBMW-38I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	14.63	15.69	17.22	14.64
BBMW-38I2	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	14.63	15.68	17.25	14.63
BBMW-38D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	14.63	15.71	17.22	14.66
BBMW-39S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	14.03	15.04	16.58	14.00
BBMW-39I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	14.03	15.03	16.58	14.00
BBMW-39I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	14.02	15.01	16.54	13.98
BBMW-39D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	14.02	15.03	16.55	14.00
BBMW-40S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	14.54	15.66	17.15	14.53
BBMW-40I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	14.55	15.58	17.08	14.55
BBMW-40I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	14.52	15.54	17.07	14.52
BBMW-40D	70.0 - 75.0	NC	NC	NC	NC	NC	NC	NC	NC	14.55	15.57	17.08	14.55
BBMW-41S	6.0 - 16.0	NC	NC	NC	NC	NC	NC	NC	NC	14.29	15.36	16.68	14.29
BBMW-41I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	14.32	15.38	16.82	14.32
BBMW-41I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	14.28	15.36	16.93	14.27
BBMW-41D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	14.28	15.35	16.89	14.27
MW-03S	3.0 -13.0	13.64	14.60	15.21	14.05	14.72	14.83	15.10	15.00	14.11	15.21	16.48	14.14
MW-03D	35.0 - 45.0	13.62	14.60	15.21	14.05	14.72	14.81	15.10	14.98	14.11	15.21	16.46	14.13
MW-05S	4.0 - 14.0	13.40	14.24	15.01	13.99	9.51	14.58	14.92	14.82	13.96	14.98	16.74	13.89
MW-05D	35.5 - 45.5	13.42	14.26	14.98	14.00	9.82	14.60	14.91	14.82	14.29	15.29	17.02	14.26
MW-09S	4.0 - 14.0	14.99	15.85	16.63	15.45	16.09	16.35	16.49	16.41	15.52	16.62	18.00	15.59
MW-09I	30.0 - 40.0	15.02	15.90	16.64	15.44	16.07	16.35	16.50	16.45	15.54	16.62	18.02	15.60
MW-09I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	15.47	16.56	17.96	15.54
MW-09D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	15.45	16.55	17.94	15.53
OZMW-16S	5.0 - 15.0	NC	NC	NC	13.06	13.76	13.75	14.05	13.99	NC	NC	NC	NC
OZMW-16I	20.0 - 30.0	NC	NC	NC	13.07	13.76	13.74	14.06	14.01	NC	NC	NC	NC
OZMW-16I2	35.0 - 45.0	NC	NC	NC	13.11	13.77	13.75	14.05	14.02	NC	NC	NC	NC
OZMW-16D	55.0 - 65.0	NC	NC	NC	13.05	13.81	13.77	14.05	14.02	NC	NC	NC	NC
OZMW-17S	5.0 - 15.0	NC	NC	NC	13.10	13.84	13.67	14.10	14.03	13.19	14.23	15.92	13.19
OZMW-17I	20.0 - 30.0	NC	NC	NC	13.07	13.83	13.75	14.11	14.02	13.18	14.23	15.94	13.19
OZMW-17I2	35.0 - 45.0	NC	NC	NC	13.05	13.79	13.73	14.05	13.99	13.14	14.2	15.91	13.13

Table 3-2. OU-1 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 1

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Oct/Nov-07	Jan-08	Apr-08	Aug-08	Nov-08	Jan-09	May-09	Jul-09	Oct-09	Jan-10	Apr-10	Jul-10
OZMW-17D	53.0 - 63.0	NC	NC	NC	13.02	13.80	13.74	14.09	13.99	13.16	14.21	15.86	13.12
OZMW-18S	5.0 - 15.0	NC	NC	NC	12.72	13.76	13.66	14.01	13.95	NC	NC	NC	NC
OZMW-18I	20.0 - 30.0	NC	NC	NC	13.38	14.14	14.04	14.36	14.30	NC	NC	NC	NC
OZMW-18I2	35.0 - 45.0	NC	NC	NC	13.49	14.23	14.14	14.44	14.38	NC	NC	NC	NC
OZMW-18D	55.0 - 65.0	NC	NC	NC	12.98	13.76	13.65	13.98	13.92	NC	NC	NC	NC
OZMW-19S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	16.52	13.99
OZMW-19I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	16.37	13.66
OZMW-19I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	16.31	13.62
OZMW-19D	53.0 - 63.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	16.38	13.67
OZMW-21S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-21I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-21I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-21D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22S	5.0 - 15.0	NC	NC	NC	13.44	14.15	14.13	14.39	14.38	13.52	NC	NC	NC
OZMW-22I	20.0 - 30.0	NC	NC	NC	13.48	14.16	14.14	14.42	14.39	13.51	NC	NC	NC
OZMW-22I2	35.0 - 45.0	NC	NC	NC	13.46	14.15	14.12	14.39	14.36	13.50	NC	NC	NC
OZMW-22D	55.0 - 65.0	NC	NC	NC	13.42	14.12	14.09	14.38	14.32	13.46	NC	NC	NC
OZMW-22RS	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22RI	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-23S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-23I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-23I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-23D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-24S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-24I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-24I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-24D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-25S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	13.86	14.87	16.66	13.82
OZMW-25I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	13.87	14.85	16.63	13.81
OZMW-25I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	13.88	14.89	16.64	13.81
OZMW-25D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	13.88	14.89	16.63	13.85
OZMW-26S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	13.86	14.87	16.66	13.82
OZMW-26I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-26I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-26D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-2. OU-1 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 1

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Oct-10	Jan-11	Apr-11	Jul-11	Oct-11	Jan-12	Apr-12	Apr-13	Apr-14	Apr-15	Jun-16	Apr-17
BBMW-05D	64.0 - 74.0	13.27	13.95	13.97	13.85	14.43	14.11	13.75	14.16	14.85	14.82	13.17	14.82
BBMW-05D2	126.5 - 136.5	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-05D2R	127.0 - 137.0	14.26	14.85	14.77	14.40	15.13	15.30	15.01	NC	NC	NC	NC	NC
BBMW-13D	62.0 -72.0	13.73	14.46	14.46	14.37	14.20	14.67	14.27	14.70	15.21	15.46	13.64	15.46
BBMW-20S	4.0 - 14.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-20I	35.0 - 45.0	13.17	13.93	13.98	11.21	11.23	14.07	13.71	14.11	14.92	14.61	12.66	14.61
BBMW-20D	62.0 - 72.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-22S	5.0 - 10.0	13.37	14.04	14.37	13.99	14.17	14.23	13.88	14.23	12.07	14.89	12.54	14.89
BBMW-22I	30.0 - 40.0	10.04	10.73	11.06	10.67	11.18	11.32	10.56	10.93	8.75	11.53	9.92	11.53
BBMW-22D	64.0 - 74.0	13.18	13.01	12.97	13.80	14.35	14.46	13.72	14.09	12.02	14.87	12.20	14.87
BBMW-26S	6.0 - 16.0	14.76	15.43	15.93	15.49	15.73	15.73	15.35	15.77	16.53	16.34	NC	16.34
BBMW-26I	30.0 - 40.0	14.77	15.51	15.93	15.50	15.74	15.73	15.34	15.78	16.49	16.34	NC	16.34
BBMW-27S	5.0 - 15.0	14.77	15.45	15.91	15.19	15.72	15.70	15.33	15.74	16.00	16.23	NC	16.23
BBMW-27I	30.0 - 40.0	14.78	15.48	15.94	15.50	15.75	15.70	15.35	15.77	16.22	16.24	NC	16.24
BBMW-34S	5.0 - 15.0	13.77	14.53	14.85	14.46	14.33	14.69	14.28	14.35	15.62	15.49	13.72	15.49
BBMW-34I	25.0 - 30.0	13.75	14.44	14.76	14.37	14.99	14.93	14.51	14.53	15.77	15.37	13.63	15.37
BBMW-34I2	40.0 - 45.0	13.51	14.44	14.85	14.36	14.35	14.61	14.27	14.30	15.22	15.32	13.48	15.32
BBMW-34D	65.0 - 70.0	13.70	14.45	14.74	14.37	14.32	14.58	14.25	14.60	15.36	15.35	13.81	15.35
BBMW-35S	5.0 - 15.0	NC	NC	13.98	13.54	13.79	13.80	13.48	13.81	14.57	12.31	12.77	12.31
BBMW-35I	25.0 - 30.0	NC	NC	13.97	13.60	13.90	13.82	13.54	13.85	14.52	14.15	12.85	14.15
BBMW-35I2	40.0 - 50.0	NC	NC	13.86	13.56	13.79	13.82	13.49	13.81	14.45	14.17	12.83	14.17
BBMW-35D	63.0 - 68.0	NC	NC	13.80	13.56	13.81	13.78	13.52	13.82	14.36	14.04	12.80	14.04
BBMW-38S	5.0 - 15.0	14.15	14.98	15.68	14.94	18.72	15.19	14.75	15.18	15.90	17.21	14.05	17.21
BBMW-38I	25.0 - 30.0	14.13	14.87	15.16	14.85	18.70	15.17	14.75	15.10	15.82	15.72	14.07	15.72
BBMW-38I2	40.0 - 45.0	14.14	14.87	15.19	14.84	18.60	15.09	14.65	15.14	15.85	15.68	14.13	15.68
BBMW-38D	65.0 - 70.0	14.13	14.87	15.18	14.83	18.78	15.08	14.65	15.08	15.79	15.74	13.97	15.74
BBMW-39S	5.0 - 15.0	13.57	14.27	14.60	14.21	14.49	14.40	14.05	14.48	15.08	15.03	13.48	15.03
BBMW-39I	25.0 - 30.0	13.57	14.27	14.61	14.21	14.44	14.41	14.06	14.44	14.99	15.03	13.48	15.03
BBMW-39I2	45.0 - 50.0	13.55	14.24	14.58	14.17	14.51	14.37	14.02	14.36	15.09	15.07	13.45	15.07
BBMW-39D	65.0 - 70.0	13.57	14.26	14.58	14.71	14.42	14.40	14.05	14.47	15.08	15.01	13.46	15.01
BBMW-40S	5.0 - 15.0	14.06	14.74	15.25	14.72	14.97	14.91	14.54	15.14	15.56	15.92	13.90	15.92
BBMW-40I	25.0 - 30.0	14.05	14.77	15.14	14.74	15.06	14.96	14.57	15.03	15.56	15.55	13.97	15.55
BBMW-40I2	45.0 - 50.0	14.02	14.73	15.09	14.71	14.96	14.96	14.57	15.00	15.51	15.53	12.93	15.53
BBMW-40D	70.0 - 75.0	14.05	14.75	15.12	14.73	15.04	14.91	14.58	15.00	15.67	15.54	12.95	15.54
BBMW-41S	6.0 - 16.0	13.81	14.57	14.76	14.51	14.68	14.74	14.38	14.86	15.37	15.53	13.77	15.53
BBMW-41I	25.0 - 30.0	13.84	14.57	14.95	14.55	14.84	14.77	14.40	14.86	15.59	15.57	13.78	15.57
BBMW-41I2	45.0 - 50.0	13.83	14.58	15.10	14.50	14.97	14.75	14.40	14.80	15.52	15.51	13.78	15.51
BBMW-41D	65.0 - 70.0	13.82	14.55	14.85	14.49	14.81	14.73	14.37	14.81	15.50	15.51	13.76	15.51
MW-03S	3.0 -13.0	13.69	14.43	14.38	14.34	13.59	14.62	14.24	14.66	15.59	15.40	13.60	15.40
MW-03D	35.0 - 45.0	13.67	14.43	14.30	14.34	13.33	14.64	14.25	14.66	15.50	15.40	12.56	15.40
MW-05S	4.0 - 14.0	13.53	14.25	14.25	14.16	14.44	14.41	14.04	14.44	15.25	15.12	13.44	15.12
MW-05D	35.5 - 45.5	13.88	14.60	14.54	14.49	14.75	14.51	14.38	14.79	15.37	15.44	13.78	15.44
MW-09S	4.0 - 14.0	14.99	15.72	16.19	15.77	16.00	16.00	15.60	16.05	16.57	16.52	NC	16.52
MW-09I	30.0 - 40.0	15.00	15.72	16.20	15.76	16.01	16.01	15.62	16.06	16.06	16.54	NC	16.54
MW-09I2	45.0 - 50.0	14.93	15.66	16.13	15.70	15.94	15.92	15.55	16.00	16.69	16.46	NC	16.46
MW-09D	65.0 - 70.0	14.92	15.64	16.11	15.68	15.93	15.91	15.54	15.98	16.62	16.44	NC	16.44
OZMW-16S	5.0 - 15.0	12.86	13.49	13.48	13.43	13.74	13.63	13.29	13.57	14.37	14.14	12.74	14.14
OZMW-16I	20.0 - 30.0	12.91	13.50	13.48	13.46	13.80	13.61	13.33	13.65	14.72	14.15	12.80	14.15
OZMW-16I2	35.0 - 45.0	12.93	13.48	13.49	13.43	13.65	13.61	13.27	13.62	14.51	14.14	12.77	14.14
OZMW-16D	55.0 - 65.0	12.84	13.49	13.53	13.57	14.07	13.64	13.34	13.63	14.59	14.17	12.77	14.17
OZMW-17S	5.0 - 15.0	12.86	13.53	13.51	13.23	13.29	13.67	13.34	13.64	14.65	14.20	12.82	14.20
OZMW-17I	20.0 - 30.0	12.85	13.51	13.51	12.80	13.71	13.64	13.32	13.64	14.60	14.19	12.80	14.19
OZMW-17I2	35.0 - 45.0	12.80	13.46	13.45	12.82	13.17	13.60	13.27	13.59	14.36	14.14	12.72	14.14

Table 3-2. OU-1 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 1

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Oct-10	Jan-11	Apr-11	Jul-11	Oct-11	Jan-12	Apr-12	Apr-13	Apr-14	Apr-15	Jun-16	Apr-17
OZMW-17D	53.0 - 63.0	12.85	13.49	13.50	12.91	13.08	13.62	13.36	13.64	14.32	14.17	12.75	14.17
OZMW-18S	5.0 - 15.0	12.74	13.46	13.44	13.26	13.50	13.57	13.24	13.64	14.46	14.10	12.65	14.10
OZMW-18I	20.0 - 30.0	13.13	13.78	13.80	13.72	13.87	14.03	13.71	13.96	14.82	14.51	13.08	14.51
OZMW-18I2	35.0 - 45.0	13.23	13.88	13.90	13.70	13.83	14.07	13.67	14.06	14.88	14.60	13.16	14.60
OZMW-18D	55.0 - 65.0	12.78	13.41	13.42	13.31	13.34	13.57	13.22	13.67	14.53	14.15	12.66	14.15
OZMW-19S	5.0 - 15.0	13.64	14.37	14.65	14.24	14.50	14.44	14.09	14.05	15.13	14.98	12.57	14.98
OZMW-19I	20.0 - 30.0	13.31	14.02	14.31	13.94	13.78	14.14	13.79	13.99	14.97	14.67	13.24	14.67
OZMW-19I2	35.0 - 45.0	13.26	13.97	14.33	13.88	14.08	14.09	13.74	13.77	14.57	14.41	13.13	14.41
OZMW-19D	53.0 - 63.0	13.34	14.03	14.32	13.94	14.18	14.15	13.81	13.73	14.88	14.68	13.12	14.68
OZMW-21S	5.0 - 15.0	13.71	14.80	15.08	14.34	14.53	14.57	14.19	14.90	15.17	15.20	13.67	15.20
OZMW-21I	20.0 - 30.0	13.67	14.80	15.11	14.29	14.45	14.43	14.04	14.51	15.18	15.17	13.58	15.17
OZMW-21I2	35.0 - 45.0	13.60	14.37	15.13	14.24	14.45	14.56	14.10	14.51	15.10	15.11	13.58	15.11
OZMW-21D	55.0 - 65.0	13.69	14.30	15.04	14.31	14.56	14.47	14.12	15.14	15.03	15.20	13.63	15.20
OZMW-22S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22D	55.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OZMW-22RS	5.0 - 15.0	12.97	14.22	13.49	13.61	13.97	13.93	13.51	13.91	14.89	14.71	12.98	14.71
OZMW-22RI	20.0 - 30.0	12.94	13.68	13.56	13.56	13.82	13.85	13.46	14.05	14.47	14.65	12.90	14.65
OZMW-23S	5.0 - 15.0	13.05	13.78	13.79	13.63	13.86	13.87	13.55	15.25	14.68	14.28	12.87	14.28
OZMW-23I	20.0 - 25.0	13.03	13.82	13.83	13.66	13.38	13.88	13.55	15.17	14.61	14.29	12.90	14.29
OZMW-23I2	35.0 - 40.0	12.91	13.76	13.77	13.61	13.89	13.80	13.48	13.78	14.54	14.26	12.84	14.26
OZMW-23D	55.0 - 65.0	13.03	13.80	13.78	13.67	13.76	13.86	13.52	13.83	14.63	14.30	12.81	14.30
OZMW-24S	5.0 - 15.0	10.36	11.04	11.01	10.95	11.07	11.17	10.83	11.27	11.94	11.71	10.20	11.71
OZMW-24I	20.0 - 25.0	13.00	13.71	13.72	13.60	13.76	13.83	13.46	13.86	14.72	14.33	12.92	14.33
OZMW-24I2	35.0 - 40.0	13.02	13.70	13.67	13.61	13.71	13.82	13.49	13.91	14.52	14.36	12.88	14.36
OZMW-24D	55.0 - 65.0	13.04	13.72	13.75	13.71	13.80	13.88	13.50	14.02	14.45	14.41	12.89	14.41
OZMW-25S	5.0 - 15.0	13.45	14.15	14.41	14.06	14.31	14.33	14.43	14.06	15.02	14.94	13.38	14.94
OZMW-25I	20.0 - 30.0	13.42	14.15	14.27	14.05	14.15	14.29	13.84	13.87	14.85	14.95	13.31	14.95
OZMW-25I2	35.0 - 45.0	13.46	14.16	14.42	14.07	14.34	14.29	13.93	13.86	14.90	14.97	13.39	14.97
OZMW-25D	55.0 - 65.0	13.45	14.17	14.56	14.06	14.40	14.30	13.94	13.93	15.14	14.96	13.37	14.96
OZMW-26S	5.0 - 15.0	13.29	14.05	14.32	13.90	14.18	14.18	13.80	14.19	14.91	14.59	13.04	14.59
OZMW-26I	20.0 - 25.0	13.34	14.09	14.35	13.95	14.22	14.20	13.83	14.29	14.82	14.66	13.05	14.66
OZMW-26I2	35.0 - 40.0	13.32	14.09	14.37	13.95	14.22	14.17	13.84	14.25	14.84	14.67	13.10	14.67
OZMW-26D	55.0 - 65.0	13.33	14.09	14.27	13.92	14.17	14.18	13.83	NC	NC	14.66	13.16	14.66

Table 3-2. OU-1 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 1

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level		
		Minimum	Average	Maximum
BBMW-05D	64.0 - 74.0	12.15	14.26	16.40
BBMW-05D2	126.5 - 136.5	12.30	15.02	16.27
BBMW-05D2R	127.0 - 137.0	14.26	14.82	15.30
BBMW-13D	62.0 -72.0	12.48	14.65	16.52
BBMW-20S	4.0 - 14.0	11.28	13.25	14.59
BBMW-20I	35.0 - 45.0	11.21	13.38	14.92
BBMW-20D	62.0 - 72.0	11.32	13.56	14.80
BBMW-22S	5.0 - 10.0	11.07	14.03	16.50
BBMW-22I	30.0 - 40.0	7.82	12.92	15.52
BBMW-22D	64.0 - 74.0	10.92	13.95	16.43
BBMW-26S	6.0 - 16.0	14.74	15.89	17.85
BBMW-26I	30.0 - 40.0	14.76	15.90	17.84
BBMW-27S	5.0 - 15.0	14.73	15.86	17.76
BBMW-27I	30.0 - 40.0	14.78	15.89	17.79
BBMW-34S	5.0 - 15.0	13.72	14.75	16.65
BBMW-34I	25.0 - 30.0	13.63	14.80	16.79
BBMW-34I2	40.0 - 45.0	13.48	14.64	16.61
BBMW-34D	65.0 - 70.0	13.70	14.70	16.79
BBMW-35S	5.0 - 15.0	12.31	13.44	14.57
BBMW-35I	25.0 - 30.0	12.85	13.84	14.52
BBMW-35I2	40.0 - 50.0	12.83	13.80	14.45
BBMW-35D	63.0 - 68.0	12.80	13.75	14.36
BBMW-38S	5.0 - 15.0	14.05	15.66	18.72
BBMW-38I	25.0 - 30.0	14.07	15.39	18.70
BBMW-38I2	40.0 - 45.0	14.13	15.38	18.60
BBMW-38D	65.0 - 70.0	13.97	15.38	18.78
BBMW-39S	5.0 - 15.0	13.48	14.52	16.58
BBMW-39I	25.0 - 30.0	13.48	14.51	16.58
BBMW-39I2	45.0 - 50.0	13.45	14.50	16.54
BBMW-39D	65.0 - 70.0	13.46	14.54	16.55
BBMW-40S	5.0 - 15.0	13.90	15.09	17.15
BBMW-40I	25.0 - 30.0	13.97	15.04	17.08
BBMW-40I2	45.0 - 50.0	12.93	14.95	17.07
BBMW-40D	70.0 - 75.0	12.95	14.98	17.08
BBMW-41S	6.0 - 16.0	13.77	14.82	16.68
BBMW-41I	25.0 - 30.0	13.78	14.88	16.82
BBMW-41I2	45.0 - 50.0	13.78	14.88	16.93
BBMW-41D	65.0 - 70.0	13.76	14.84	16.89
MW-03S	3.0 -13.0	12.45	14.60	16.48
MW-03D	35.0 - 45.0	12.44	14.56	16.46
MW-05S	4.0 - 14.0	9.51	14.29	17.61
MW-05D	35.5 - 45.5	9.82	14.63	18.51
MW-09S	4.0 - 14.0	13.55	16.02	18.00
MW-09I	30.0 - 40.0	15.00	16.14	18.02
MW-09I2	45.0 - 50.0	14.93	16.06	17.96
MW-09D	65.0 - 70.0	14.92	16.05	17.94
OZMW-16S	5.0 - 15.0	12.74	13.62	14.37
OZMW-16I	20.0 - 30.0	12.80	13.66	14.72
OZMW-16I2	35.0 - 45.0	12.77	13.63	14.51
OZMW-16D	55.0 - 65.0	12.77	13.68	14.59
OZMW-17S	5.0 - 15.0	12.82	13.72	15.92
OZMW-17I	20.0 - 30.0	12.80	13.72	15.94
OZMW-17I2	35.0 - 45.0	12.72	13.64	15.91

Table 3-2. OU-1 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 1

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level		
		Minimum	Average	Maximum
OZMW-17D	53.0 - 63.0	12.75	13.66	15.86
OZMW-18S	5.0 - 15.0	12.65	13.54	14.46
OZMW-18I	20.0 - 30.0	13.08	13.95	14.82
OZMW-18I2	35.0 - 45.0	13.16	14.02	14.88
OZMW-18D	55.0 - 65.0	12.66	13.56	14.53
OZMW-19S	5.0 - 15.0	12.57	14.44	16.52
OZMW-19I	20.0 - 30.0	13.24	14.20	16.37
OZMW-19I2	35.0 - 45.0	13.13	14.11	16.31
OZMW-19D	53.0 - 63.0	13.12	14.21	16.38
OZMW-21S	5.0 - 15.0	13.67	14.61	15.20
OZMW-21I	20.0 - 30.0	13.58	14.53	15.18
OZMW-21I2	35.0 - 45.0	13.58	14.49	15.13
OZMW-21D	55.0 - 65.0	13.63	14.56	15.20
OZMW-22S	5.0 - 15.0	13.44	14.00	14.39
OZMW-22I	20.0 - 30.0	13.48	14.02	14.42
OZMW-22I2	35.0 - 45.0	13.46	14.00	14.39
OZMW-22D	55.0 - 65.0	13.42	13.97	14.38
OZMW-22RS	5.0 - 15.0	12.97	13.91	14.89
OZMW-22RI	20.0 - 30.0	12.90	13.80	14.65
OZMW-23S	5.0 - 15.0	12.87	13.91	15.25
OZMW-23I	20.0 - 25.0	12.90	13.87	15.17
OZMW-23I2	35.0 - 40.0	12.84	13.74	14.54
OZMW-23D	55.0 - 65.0	12.81	13.77	14.63
OZMW-24S	5.0 - 15.0	10.20	11.11	11.94
OZMW-24I	20.0 - 25.0	12.92	13.77	14.72
OZMW-24I2	35.0 - 40.0	12.88	13.75	14.52
OZMW-24D	55.0 - 65.0	12.89	13.80	14.45
OZMW-25S	5.0 - 15.0	13.38	14.42	16.66
OZMW-25I	20.0 - 30.0	13.31	14.33	16.63
OZMW-25I2	35.0 - 45.0	13.39	14.37	16.64
OZMW-25D	55.0 - 65.0	13.37	14.41	16.63
OZMW-26S	5.0 - 15.0	13.04	14.27	16.66
OZMW-26I	20.0 - 25.0	13.05	14.12	14.82
OZMW-26I2	35.0 - 40.0	13.10	14.12	14.84
OZMW-26D	55.0 - 65.0	13.16	14.03	14.66

Notes:
NC - Not Calculated
bgs - below ground surface
Well Elevations obtained from 2007 survey or later and reference NAVD88 datum.

Table 3-3. OU-2 Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Date of Measurement	Time of Measurement	Well Elevation[1] (feet above MSL)	Depth to Water (feet)	Water Elevation (feet above MSL)	Comments
BBMW-01S	4/3/2017	14:16	19.65	6.40	13.25	
BBMW-01I	4/3/2017	14:15	19.23	5.96	13.27	
BBMW-01D	4/3/2017	14:11	19.20	5.91	13.29	
BBMW-02S	4/5/2017	12:34	16.83	4.33	12.50	
BBMW-02I	4/5/2017	12:31	16.96	4.48	12.48	
BBMW-02D	4/5/2017	12:30	17.13	4.67	12.46	
BBMW-03S	4/3/2017	13:31	11.33	2.96	8.37	
BBMW-03I	4/3/2017	13:33	11.19	2.81	8.38	
BBMW-03D	4/3/2017	13:35	11.24	2.84	8.40	
BBMW-04D	4/5/2017	13:38	19.69	4.90	14.79	
BBMW-07S	4/4/2017	9:20	12.80	6.50	6.30	
BBMW-07I	4/4/2017	9:19	12.60	6.30	6.30	
BBMW-07D	4/4/2017	9:17	12.58	6.27	6.31	
BBMW-15S	4/5/2017	12:57	15.92	4.73	11.19	
BBMW-15I	4/5/2017	12:55	15.82	4.65	11.17	
BBMW-15I2	4/5/2017	12:56	15.79	4.70	11.09	
BBMW-15D	4/5/2017	12:59	15.63	4.49	11.14	
BBMW-16S	4/5/2017	13:05	19.04	8.74	10.30	
BBMW-16I	4/5/2017	13:08	19.43	12.68	6.75	water level meter malfunction
BBMW-16D	4/5/2017	13:10	18.97	8.70	10.27	
BBMW-23S	4/3/2017	15:15	19.13	5.49	13.64	
BBMW-23I	4/3/2017	15:10	19.16	5.54	13.62	
BBMW-23D	4/3/2017	15:13	19.17	5.50	13.67	
BBMW-23D2	4/3/2017	15:12	18.61	4.98	13.63	needs bolts
BBMW-24S	4/4/2017	10:08	18.14	6.34	11.80	
BBMW-24I	4/4/2017	10:07	18.01	6.39	11.62	
BBMW-24D	4/4/2017	10:06	17.76	6.23	11.53	
BBMW-25S	4/4/2017	8:30	12.80	3.82	8.98	
BBMW-25I	4/4/2017	8:29	12.79	3.81	8.98	
BBMW-25D	4/4/2017	8:27	12.70	3.71	8.99	
GM-05S	4/3/2017	11:45	5.73	2.27	3.46	
GM-05I	4/3/2017	11:45	5.92	2.27	3.65	
GM-05D	4/3/2017	11:46	7.87	-	NC	Artesian/Overflow of PVC extension
GM-06S	4/4/2017	15:46	9.52	5.33	4.19	By hydrant/before driveway
GM-06I	4/4/2017	15:47	9.56	5.35	4.21	
GM-06D	4/4/2017	15:49	9.66	5.46	4.20	
GM-07S	4/4/2017	15:25	10.61	7.33	3.28	
GM-07I	4/4/2017	15:27	10.53	7.48	3.05	In front of #31 on right
GM-07D	4/4/2017	15:28	10.75	7.27	3.48	
GM-08S	4/3/2017	8:48	3.90	2.30	1.60	Across street from #54
GM-08I	4/3/2017	8:46	4.05	2.43	1.62	
GM-08D	4/3/2017	8:47	3.91	2.29	1.62	
GM-09S	4/4/2017	16:02	3.22	1.59	1.63	Across from #110
GM-09I	4/4/2017	16:03	3.41	1.79	1.62	Across from Prospect Ave
GM-09D	4/4/2017	16:04	3.09	1.44	1.65	
GM-10AD	4/4/2017	15:18	8.07	5.66	2.41	By Stop sign across street
GMP-01	4/3/2017	12:00	6.58	2.72	3.86	
GMP-02	4/3/2017	11:38	6.28	3.15	3.13	
GMP-04	4/3/2017	11:00	3.74	3.40	0.34	
MW-16AS	4/5/2017	12:43	16.16	4.68	11.48	
OU2-IW01S	4/3/2017	11:30	5.95	2.63	3.32	
OU2MW-01WT	4/4/2017	8:38	12.86	3.87	8.99	
OU2MW-01S	4/4/2017	8:35	12.41	3.62	8.79	
OU2MW-01I	4/4/2017	8:31	12.47	3.64	8.83	
OU2MW-01I2	4/4/2017	8:34	12.28	3.52	8.76	
OU2MW-01D	4/4/2017	8:33	12.35	2.18	10.17	
OU2MW-02S	4/3/2017	13:44	11.58	2.97	8.61	
OU2MW-02I	4/3/2017	13:45	11.59	2.99	8.60	
OU2MW-02I2	4/3/2017	13:41	11.74	3.16	8.58	
OU2MW-02D	4/3/2017	13:43	11.53	2.61	8.92	
OU2MW-03S	4/4/2017	9:06	11.23	3.92	7.31	
OU2MW-03I	4/4/2017	9:08	11.15	3.82	7.33	
OU2MW-03I2	4/4/2017	9:09	11.15	3.84	7.31	
OU2MW-03D	4/4/2017	9:10	11.14	2.16	8.98	
OU2MW-04WT	4/4/2017	8:55	10.34	3.29	7.05	
OU2MW-04S	4/4/2017	8:56	10.18	3.01	7.17	
OU2MW-04I	4/4/2017	8:58	10.10	2.95	7.15	
OU2MW-04I2	4/4/2017	8:59	10.05	2.92	7.13	

Table 3-3. OU-2 Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Date of Measurement	Time of Measurement	Well Elevation[1] (feet above MSL)	Depth to Water (feet)	Water Elevation (feet above MSL)	Comments
OU2MW-04D	4/4/2017	9:01	10.08	2.93	7.15	
OU2MW-05	4/3/2017	12:03	6.32	1.77	4.55	
OU2MW-06S	4/3/2017	10:48	4.83	2.26	2.57	
OU2MW-06	4/3/2017	10:48	4.43	1.70	2.73	
OU2MW-07S	4/3/2017	10:53	5.47	3.18	2.29	
OU2MW-07	4/3/2017	10:55	5.34	3.12	2.22	
OU2MW-08WT	4/4/2017	16:17	14.93	5.77	9.16	
OU2MW-08S	4/4/2017	16:17	14.77	5.62	9.15	
OU2MW-08I	4/4/2017	16:18	14.70	5.56	9.14	
OU2MW-08I2	4/4/2017	16:20	14.78	5.63	9.15	
OU2MW-08D	4/4/2017	16:21	14.87	4.89	9.98	
OU2MW-09	4/3/2017	13:29	11.26	2.90	8.36	
OU2MW-10S	4/3/2017	9:06	5.31	2.46	2.85	
OU2MW-10I	4/3/2017	9:12	5.42	2.42	3.00	
OU2MW-10D	4/3/2017	9:16	5.43	2.32	3.11	
OU2MW-11S	4/3/2017	11:57	6.69	2.52	4.17	
OU2MW-11I	4/3/2017	11:56	6.72	2.58	4.14	
OU2MW-11I2	4/3/2017	11:55	6.53	2.41	4.12	
OU2MW-11D	4/3/2017	11:54	6.65	2.54	4.11	
OU2MW-12S	4/3/2017	11:28	5.70	2.23	3.47	
OU2MW-12I	4/3/2017	11:23	5.73	2.23	3.50	
OU2MW-12I2	4/3/2017	11:27	5.81	2.32	3.49	
OU2MW-12D	4/3/2017	11:25	5.59	2.12	3.47	
OU2MW-13S	4/3/2017	11:10	4.78	2.25	2.53	
OU2MW-13I	4/3/2017	11:18	4.81	2.49	2.32	
OU2MW-13D	4/3/2017	11:18	4.94	2.63	2.31	
OU2MW-14S	4/4/2017	9:29	14.58	5.74	8.84	
OU2MW-14I	4/4/2017	9:31	14.75	5.66	9.09	
OU2MW-14I2	4/4/2017	9:32	14.77	5.63	9.14	
OU2MW-15S	4/3/2017	9:33	4.80	1.76	3.04	
OU2MW-15I	4/3/2017	13:58	5.09	2.06	3.03	
OU2MW-15I2	4/3/2017	13:57	5.13	2.17	2.96	
OU2MW-15D	4/3/2017	13:59	5.21	2.09	3.12	
OU2MW-16S	4/3/2017	14:00	5.44	2.31	3.13	
OU2MW-16I	4/3/2017	14:07	5.31	2.22	3.09	
OU2MW-16I2	4/3/2017	14:05	5.31	2.23	3.08	
OU2MW-16D	4/3/2017	14:04	5.61	2.54	3.07	
OU2MW-17S	4/3/2017	14:25	19.83	6.61	13.22	
OU2MW-17I	4/3/2017	14:24	19.91	6.68	13.23	
OU2MW-17I2	4/3/2017	14:26	19.86	6.64	13.22	
OU2MW-17D	4/3/2017	14:22	19.71	6.49	13.22	
OU2MW-18I	4/3/2017	14:56	19.98	6.75	13.23	
OU2MW-18I2	4/3/2017	14:54	19.97	6.76	13.21	
OU2MW-18D	4/3/2017	14:53	19.97	6.75	13.22	
OU2MW-39S	4/3/2017	14:57	21.22	8.72	12.50	
OU2MW-39I	4/3/2017	14:24	21.32	8.88	12.44	
OU2MW-39I2	4/3/2017	14:26	21.14	8.69	12.45	
OU2MW-39D	4/3/2017	14:22	21.18	8.73	12.45	
OU2MW-49S	4/3/2017	14:56	18.88	5.02	13.86	Well box needs to be replaced
OU2MW-49I	4/3/2017	14:54	19.09	4.85	14.24	
OU2MW-49I2	4/3/2017	14:53	18.58	5.73	12.85	
OU2MW-49D	4/3/2017	14:57	18.72	4.89	13.83	
OU2MW-50S	4/3/2017	15:41	20.97	7.03	13.94	
OU2MW-50I	4/3/2017	15:40	20.94	7.09	13.85	
OU2MW-50I2	4/3/2017	15:38	21.02	7.14	13.88	
OU2MW-50D	4/3/2017	15:36	21.09	7.25	13.84	
OU2MW-51S	4/5/2017	12:39	20.99	7.21	13.78	
OU2MW-51I	4/5/2017	12:32	20.93	7.21	13.72	
OU2MW-51I2	4/5/2017	12:34	21.00	7.22	13.78	
OU2MW-51D	4/5/2017	12:35	21.03	7.21	13.82	
OU2MW-52S	4/3/2017	10:28	5.80	3.83	1.97	
OU2MW-52I	4/3/2017	10:20	5.64	1.65	3.99	
OU2MW-52D	4/3/2017	10:21	5.70	3.85	1.85	
OU2MW-53S	4/3/2017	9:56	4.98	2.70	2.28	
OU2MW-53I	4/3/2017	9:50	4.98	3.51	1.47	
OU2MW-53D	4/3/2017	9:42	5.08	3.59	1.49	
OU2MW-54S	4/3/2017	15:22	18.24	4.65	13.59	
OU2MW-54I	4/3/2017	15:23	18.14	4.55	13.59	

Table 3-3. OU-2 Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Date of Measurement	Time of Measurement	Well Elevation[1] (feet above MSL)	Depth to Water (feet)	Water Elevation (feet above MSL)	Comments
OU2MW-54I2	4/3/2017	15:24	18.06	4.47	13.59	
OU2MW-54D	4/3/2017	15:25	18.35	4.77	13.58	
OU2MW-57S	4/3/2017	15:01	19.21	5.39	13.82	
OU2MW-57I	4/3/2017	15:02	18.88	5.34	13.54	
OU2MW-57I2	4/3/2017	15:03	19.09	5.11	13.98	
OU2MW-58S	4/5/2017	13:20	20.80	7.34	13.46	
OU2MW-58I	4/5/2017	13:22	20.79	7.38	13.41	
OU2SW-01*	4/3/2017	11:11	2.65	3.46	-0.81	Boat Basin
BBSW-06*	4/3/2017	11:11	2.08	1.89	0.19	Boat Basin
BBSW-07*	4/3/2017	11:06	6.83	1.93	4.90	Weir

Notes:
1 - Well Elevations obtained from 2007 survey or later and reference NAVD88 datum
MSL - Mean Sea Level
NM - Not Measured
NA - Not Applicable
NC - Not Calculated
* - Surface Water Gauging Station

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Dec-78	Oct-92	Nov-99	Mar-02	Jun-02	Aug-02	Nov-02	Mar-03	Jul-03	Sep-03	Jan-04	Apr-04
BBMW-01S	5.0 - 15.0	NC	NC	12.33	NC	12.49	NC	12.70	13.34	13.09	12.38	12.67	14.11
BBMW-01I	32.0 - 42.0	NC	NC	12.29	NC	12.47	NC	12.69	13.32	13.07	12.35	12.65	14.09
BBMW-01D	68.5 - 78.5	NC	NC	12.33	NC	12.47	NC	12.75	14.40	13.12	12.37	12.68	14.14
BBMW-02S	5.0 - 15.0	NC	NC	11.45	11.29	11.34	NC	11.85	12.35	12.08	11.42	NC	13.10
BBMW-02I	30.0 - 40.0	NC	NC	11.42	11.26	11.32	NC	11.83	12.33	12.07	11.41	NC	13.08
BBMW-02D	73.0 - 83.0	NC	NC	11.40	11.24	11.30	NC	11.81	NC	12.05	11.38	NC	13.08
BBMW-03S	3.0 - 13.0	NC	NC	7.61	7.51	7.54	NC	8.05	8.23	8.25	7.46	7.74	9.01
BBMW-03I	30.0 - 40.0	NC	NC	7.60	7.52	7.53	NC	8.03	8.24	8.24	7.48	7.73	8.97
BBMW-03D	52.0 - 62.0	NC	NC	7.62	7.52	7.58	NC	8.08	8.27	8.26	7.45	7.77	8.99
BBMW-04D	63.0 - 73.0	NC	NC	13.55	13.28	13.98	12.03	14.10	14.57	14.40	13.54	13.96	15.48
BBMW-07S	5.0 - 15.0	NC	NC	5.29	5.16	5.58	NC	5.90	6.05	5.92	5.45	NC	6.83
BBMW-07I	30.0 - 40.0	NC	NC	5.28	5.13	5.60	NC	5.92	6.06	5.91	5.44	NC	6.83
BBMW-07D	55.0 - 65.0	NC	NC	5.29	5.14	5.59	NC	5.92	NC	5.91	5.47	NC	6.82
BBMW-15S	5.0 - 15.0	NC	NC	10.21	10.06	10.10	NC	10.57	10.93	10.71	10.15	10.46	11.72
BBMW-15I	35.0 - 45.0	NC	NC	10.06	10.02	10.07	NC	10.49	10.91	10.69	10.09	10.45	11.71
BBMW-15I2	23.0 - 28.0	NC	NC	10.14	9.89	9.93	NC	10.37	10.84	10.63	10.10	10.39	11.66
BBMW-15D	70.0 -80.0	NC	NC	10.16	10.01	10.06	NC	10.49	10.87	10.67	10.10	10.40	11.76
BBMW-16S	5.0 - 15.0	NC	NC	9.40	NC	NC	NC	12.82	NC	10.07	9.53	9.67	10.79
BBMW-16I	35.0 - 45.0	NC	NC	9.43	NC	NC	NC	9.85	10.28	10.10	9.56	9.70	10.82
BBMW-16D	68.0 - 78.0	NC	NC	9.42	NC	NC	NC	9.88	10.32	10.12	9.58	9.73	10.86
BBMW-23S	5.0 - 15.0	NC	NC	NC	NC	12.58	NC	13.16	13.78	13.51	12.80	13.09	14.55
BBMW-23I	33.0 - 43.0	NC	NC	NC	NC	12.62	NC	13.15	13.78	13.50	12.79	13.08	14.55
BBMW-23D	49.5 - 59.5	NC	NC	NC	NC	12.54	NC	13.16	13.78	13.52	12.80	13.10	14.55
BBMW-23D2	63.0 - 73.0	NC	NC	NC	NC	12.80	NC	13.19	13.81	13.46	12.82	13.10	14.57
BBMW-24S	4.0 - 14.0	NC	NC	NC	NC	10.36	NC	10.83	11.36	11.17	10.49	10.74	12.15
BBMW-24I	32.0 - 42.0	NC	NC	NC	NC	10.35	NC	10.83	11.36	11.15	10.48	10.74	12.15
BBMW-24D	59.5 - 69.5	NC	NC	NC	NC	10.36	NC	10.82	11.36	11.15	10.49	10.75	12.16
BBMW-25S	4.0 - 14.0	NC	NC	NC	NC	7.33	NC	7.85	8.22	8.03	7.32	7.60	8.98
BBMW-25I	25.0 - 35.0	NC	NC	NC	NC	7.36	NC	7.87	8.25	8.04	7.35	7.63	8.99
BBMW-25D	62.0 - 72.0	NC	NC	NC	NC	7.35	NC	NC	8.22	7.98	7.28	7.56	8.92
GM-03S	6.78 - 21.78	8.95	9.13	9.34	NC	9.53	NC	9.68	10.00	10.02	9.39	9.59	10.83
GM-03I	30.03 - 45.03	8.88	8.95	9.18	NC	9.35	NC	9.51	9.84	9.83	9.22	9.42	10.67
GM-03D	53.18 - 68.18	9.07	9.16	9.27	NC	9.45	NC	9.63	9.93	9.94	9.32	9.53	10.77
GM-05S	5.1 - 20.1	2.12	2.48	2.49	2.52	3.21	NC	3.35	2.80	3.21	2.62	2.49	3.74
GM-05I	35.05 - 48.05	2.28	2.69	2.59	2.62	3.37	NC	3.50	2.99	3.36	2.72	2.64	3.90
GM-05D	60.95 - 75.95	7.35	9.04	7.87	NC	7.03	NC	7.42	7.51	7.50	6.83	7.18	NC
GM-06S	8.97 - 23.97	2.59	2.96	3.08	2.89	3.46	NC	3.77	3.72	3.70	3.33	2.90	4.58
GM-06I	35.40 - 40.40	2.60	2.97	3.08	2.93	3.57	NC	3.86	3.73	3.77	3.54	3.47	4.59
GM-06D	60.05 - 75.05	2.71	2.96	3.07	2.92	3.49	NC	3.79	3.73	3.72	3.35	2.91	4.58
GM-07S	9.75 - 24.75	1.40	2.17	2.15	2.01	2.49	NC	2.64	2.53	2.73	2.56	2.01	3.34
GM-07I	29.6 - 44.6	1.32	2.16	2.14	2.00	2.52	NC	2.85	2.52	2.75	2.57	2.06	3.35
GM-07D	50.3 - 65.3	1.52	2.17	2.14	NC	2.54	NC	2.67	2.58	3.76	2.58	2.04	3.36
GM-08S	6.35 - 21.35	0.37	0.64	0.54	0.61	1.34	NC	1.43	0.54	1.22	0.72	0.62	1.41
GM-08I	29.95 - 44.95	0.53	0.64	0.54	0.64	1.34	NC	1.45	0.56	1.22	0.71	0.63	1.11
GM-08D	48.25 - 63.25	0.26	0.67	0.55	0.62	1.38	NC	1.47	0.56	1.26	0.73	0.65	1.48
GM-09S	20.0 - 25.0	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	1.15
GM-09I	40.0 - 45.0	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	1.17
GM-09D	48.35 - 63.35	0.02	0.47	0.45	0.41	1.24	NC	0.80	0.45	0.69	0.93	0.31	1.16
GM-10AD	unknown	NC	NC	NC	1.12	1.86	NC	1.92	1.62	1.82	1.76	1.08	2.43

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Dec-78	Oct-92	Nov-99	Mar-02	Jun-02	Aug-02	Nov-02	Mar-03	Jul-03	Sep-03	Jan-04	Apr-04
GMP-01	25.0 - 30.0	NC	NC	NC	2.97	3.65	NC	3.78	3.26	3.66	3.07	3.04	4.18
GMP-02	18.0 - 23.0	NC	NC	NC	2.25	2.95	NC	3.05	2.44	2.91	2.36	2.24	3.37
GMP-04	15.5 - 20.5	NC	NC	NC	0.96	1.46	NC	1.18	0.47	1.40	1.01	1.11	1.17
MW-16AS	3.0 - 13.0	NC	NC	10.45	10.30	10.36	NC	10.82	11.21	10.99	10.44	NC	12.00
OU2-IW01S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-01WT	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-01S	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-01I	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-01I2	50.0 - 55.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-01D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-02S	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-02I	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-02I2	50.0 - 55.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-02D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-03S	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-03I	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-03I2	50.0 - 55.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-03D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-04WT	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-04S	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-04I	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-04I2	50.0 - 55.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-04D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-05	25.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-06S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-06	25.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-07S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-07	15.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-08WT	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-08S	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-08I	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-08I2	50.0 - 55.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-08D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-09	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-10S	3.0 - 7.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-10I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-10D	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-11S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-11I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-11I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-11D	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-12S	3.0 - 7.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-12I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-12I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-12D	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-13S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-13I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-13D	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-14S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-14I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-14I2	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Dec-78	Oct-92	Nov-99	Mar-02	Jun-02	Aug-02	Nov-02	Mar-03	Jul-03	Sep-03	Jan-04	Apr-04
OU2MW-15S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-15I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-15I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-15D	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-16S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-16I	15.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-16I2	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-16D	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-17S	5.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-17I	13.0 - 23.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-17I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-17D	60.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-18I	13.0 - 23.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-18I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-18D	60.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-39S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-39I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-39I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-39D	70.0 - 75.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-49S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-49I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-49I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-49D	63.0 - 68.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-50S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-50I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-50I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-50D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-51S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-51I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-51I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-51D	61.0 - 66.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-52S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-52I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-52D	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-53S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-53I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-53D	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-54S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-54I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-54I2	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-54D	60.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-57S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-57I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-57I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-58S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-58I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Aug-04	Oct-04	Feb-05	May-05	Aug-05	Nov-05	Feb-06	May-06	July/Aug-06	Nov-06	Jan-07	May-07
BBMW-01S	5.0 - 15.0	12.10	12.51	13.16	13.03	11.91	13.41	13.36	12.95	12.64	14.10	13.03	13.36
BBMW-01I	32.0 - 42.0	12.08	12.49	13.14	13.01	11.89	13.49	13.34	12.94	12.63	13.09	13.01	13.34
BBMW-01D	68.5 - 78.5	12.11	12.51	13.16	13.07	11.92	13.50	13.36	12.96	12.64	13.10	13.02	13.38
BBMW-02S	5.0 - 15.0	11.16	11.52	NC	12.06	10.99	12.45	12.36	12.00	11.62	12.12	12.07	12.35
BBMW-02I	30.0 - 40.0	11.15	11.50	NC	12.03	10.96	12.43	12.32	11.95	11.59	12.08	12.02	12.35
BBMW-02D	73.0 - 83.0	11.12	11.48	NC	12.01	10.93	12.41	12.31	11.95	11.58	12.06	12.02	12.33
BBMW-03S	3.0 - 13.0	7.42	7.72	8.25	8.09	7.36	8.43	8.29	8.00	7.65	8.19	8.02	8.27
BBMW-03I	30.0 - 40.0	7.41	7.72	8.24	8.09	7.75	8.82	8.29	8.00	7.64	7.99	8.01	8.28
BBMW-03D	52.0 - 62.0	7.44	7.75	8.26	8.12	7.35	8.44	8.31	8.03	NC	8.14	8.05	8.32
BBMW-04D	63.0 - 73.0	13.38	13.84	14.51	14.39	13.18	14.96	14.67	14.31	14.01	14.48	14.39	NC
BBMW-07S	5.0 - 15.0	5.27	5.71	5.98	5.80	5.12	6.29	NC	5.75	5.52	5.89	5.63	NC
BBMW-07I	30.0 - 40.0	5.26	5.72	5.98	5.83	5.13	6.29	NC	5.76	5.53	5.91	5.63	NC
BBMW-07D	55.0 - 65.0	5.27	5.73	5.98	5.82	5.11	6.29	NC	5.77	5.51	5.94	5.64	NC
BBMW-15S	5.0 - 15.0	9.86	10.18	10.84	10.69	9.71	11.09	10.98	10.66	10.23	10.75	10.71	11.01
BBMW-15I	35.0 - 45.0	9.84	10.16	10.81	10.67	9.66	11.03	10.91	10.61	10.18	10.73	10.66	10.98
BBMW-15I2	23.0 - 28.0	9.81	10.16	10.80	10.60	9.66	11.05	10.93	10.62	10.21	10.73	10.67	10.98
BBMW-15D	70.0 -80.0	9.82	10.15	10.80	10.63	9.66	11.04	10.92	10.62	10.19	10.71	10.67	10.96
BBMW-16S	5.0 - 15.0	9.28	9.73	10.15	10.05	9.04	10.45	10.30	10.00	14.62	10.10	10.02	10.28
BBMW-16I	35.0 - 45.0	9.32	9.76	10.15	10.08	9.05	10.47	10.33	10.02	9.63	10.14	10.06	10.32
BBMW-16D	68.0 - 78.0	9.31	9.75	10.18	10.06	9.03	10.46	10.32	10.01	9.62	10.12	10.06	10.32
BBMW-23S	5.0 - 15.0	12.51	12.93	NC	13.46	12.32	14.00	13.78	13.37	13.06	13.52	13.48	13.76
BBMW-23I	33.0 - 43.0	12.50	12.93	NC	13.46	12.31	13.92	13.79	13.38	13.07	13.51	13.47	13.76
BBMW-23D	49.5 - 59.5	12.53	12.94	NC	13.47	12.32	13.95	13.79	13.39	13.08	13.53	13.49	13.81
BBMW-23D2	63.0 - 73.0	12.52	12.96	NC	13.47	12.32	13.93	13.78	13.38	13.07	13.52	13.48	13.76
BBMW-24S	4.0 - 14.0	10.23	10.61	11.20	11.09	10.04	11.53	11.39	11.02	10.67	11.09	11.06	11.41
BBMW-24I	32.0 - 42.0	10.22	10.60	11.20	11.09	10.02	11.51	11.37	10.99	10.66	11.07	11.04	11.43
BBMW-24D	59.5 - 69.5	10.24	10.61	11.19	11.09	10.03	11.52	11.38	11.03	10.67	11.10	11.07	11.43
BBMW-25S	4.0 - 14.0	7.23	7.62	8.13	8.01	7.64	8.99	8.84	8.49	NC	8.55	8.53	8.84
BBMW-25I	25.0 - 35.0	7.25	7.64	8.16	8.02	7.66	8.99	8.84	8.49	NC	8.55	8.55	8.86
BBMW-25D	62.0 - 72.0	7.18	7.55	8.08	7.97	NC	8.99	NC	8.49	NC	8.55	8.52	8.83
GM-03S	6.78 - 21.78	9.14	9.53	NC	9.96	8.94	10.42	10.26	9.90	9.53	9.97	9.92	10.18
GM-03I	30.03 - 45.03	8.97	9.36	NC	9.80	8.76	10.24	10.09	9.73	9.36	9.80	9.75	10.17
GM-03D	53.18 - 68.18	9.07	9.46	NC	9.95	8.86	10.34	10.19	9.83	9.47	9.90	9.86	10.19
GM-05S	5.1 - 20.1	2.68	3.36	3.31	2.91	2.65	3.34	3.01	3.00	2.85	3.06	2.82	3.08
GM-05I	35.05 - 48.05	2.81	3.49	3.42	3.03	2.76	3.49	3.15	3.13	2.97	3.18	2.96	3.21
GM-05D	60.95 - 75.95	8.97	7.58	7.72	7.50	6.56	7.87	7.81	8.23	8.72	7.61	7.59	7.76
GM-06S	8.97 - 23.97	3.14	3.69	3.73	3.52	3.06	4.10	3.69	3.50	3.48	3.79	3.29	3.73
GM-06I	35.40 - 40.40	3.16	3.70	3.74	3.57	3.08	4.10	3.70	3.52	3.48	3.80	3.30	3.75
GM-06D	60.05 - 75.05	3.15	3.70	3.74	3.54	3.07	4.11	3.70	3.52	3.48	3.79	3.30	3.74
GM-07S	9.75 - 24.75	2.34	3.01	2.80	2.58	2.36	3.04	2.63	2.64	2.60	2.88	2.42	2.71
GM-07I	29.6 - 44.6	2.32	3.00	2.79	2.63	2.34	3.03	2.62	2.64	2.59	2.87	2.41	2.69
GM-07D	50.3 - 65.3	2.33	3.02	2.81	2.63	2.34	3.44	2.62	2.65	2.61	2.87	2.43	2.70
GM-08S	6.35 - 21.35	1.08	1.74	1.46	0.83	0.89	1.35	0.95	1.04	1.01	1.06	0.79	0.96
GM-08I	29.95 - 44.95	1.09	1.76	1.46	0.86	0.91	1.35	0.96	1.04	1.02	1.06	0.79	0.97
GM-08D	48.25 - 63.25	1.14	1.77	1.48	0.88	0.93	1.39	0.96	1.03	1.02	1.06	0.79	0.96
GM-09S	20.0 - 25.0	0.66	1.41	1.17	0.74	0.65	0.94	0.62	0.79	0.81	0.88	0.58	0.75
GM-09I	40.0 - 45.0	0.67	1.43	1.17	0.74	0.65	0.95	0.63	0.80	0.83	0.89	0.60	0.76
GM-09D	48.35 - 63.35	0.67	1.41	1.17	0.75	0.65	0.96	0.64	0.79	0.82	0.89	0.59	0.76
GM-10AD	unknown	1.51	2.20	1.92	1.41	1.57	2.08	1.67	1.72	1.74	NC	1.43	1.76

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Aug-04	Oct-04	Feb-05	May-05	Aug-05	Nov-05	Feb-06	May-06	July/Aug-06	Nov-06	Jan-07	May-07
GMP-01	25.0 - 30.0	3.15	3.78	3.73	3.35	3.08	3.77	3.47	3.44	3.28	3.47	3.33	3.50
GMP-02	18.0 - 23.0	2.40	3.15	3.04	2.58	2.41	3.03	2.69	2.70	2.57	2.73	2.59	2.74
GMP-04	15.5 - 20.5	0.93	2.11	1.72	1.02	1.37	1.73	1.19	1.23	1.42	1.09	1.51	1.06
MW-16AS	3.0 - 13.0	10.10	10.44	11.10	10.96	9.93	11.34	11.23	10.92	10.48	11.02	10.98	11.27
OU2-IW01S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-01WT	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-01S	20.0 - 25.0	NC	NC	NC	NC	NC	8.79	8.62	8.30	NC	8.37	8.30	8.58
OU2MW-01I	35.0 - 40.0	NC	NC	NC	NC	NC	8.82	8.65	8.28	NC	9.96	8.32	8.61
OU2MW-01I2	50.0 - 55.0	NC	NC	NC	NC	NC	8.78	8.62	8.30	NC	8.36	8.40	8.59
OU2MW-01D	65.0 - 70.0	NC	NC	NC	NC	NC	10.24	10.16	9.79	NC	8.23	9.89	10.06
OU2MW-02S	20.0 - 25.0	NC	NC	NC	NC	NC	8.68	8.66	8.21	NC	8.31	8.31	8.51
OU2MW-02I	35.0 - 40.0	NC	NC	NC	NC	NC	8.68	8.52	8.22	NC	8.26	8.23	8.51
OU2MW-02I2	50.0 - 55.0	NC	NC	NC	NC	NC	8.67	8.51	8.21	NC	8.25	8.22	8.51
OU2MW-02D	65.0 - 70.0	NC	NC	NC	NC	NC	8.87	8.74	8.41	NC	8.47	8.42	8.68
OU2MW-03S	20.0 - 25.0	NC	NC	NC	NC	NC	7.23	7.01	6.73	NC	6.80	6.69	7.01
OU2MW-03I	35.0 - 40.0	NC	NC	NC	NC	NC	7.25	7.03	6.75	NC	6.84	6.71	7.03
OU2MW-03I2	50.0 - 55.0	NC	NC	NC	NC	NC	7.23	7.01	6.74	NC	6.79	6.69	7.02
OU2MW-03D	65.0 - 70.0	NC	NC	NC	NC	NC	8.99	8.95	8.63	NC	6.75	8.85	8.95
OU2MW-04WT	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-04S	20.0 - 25.0	NC	NC	NC	NC	NC	6.97	6.73	6.49	6.19	6.60	6.41	6.75
OU2MW-04I	35.0 - 40.0	NC	NC	NC	NC	NC	6.97	6.73	6.49	6.19	6.61	6.45	6.76
OU2MW-04I2	50.0 - 55.0	NC	NC	NC	NC	NC	6.96	6.72	6.49	NC	6.57	6.43	6.74
OU2MW-04D	65.0 - 70.0	NC	NC	NC	NC	NC	6.99	6.75	6.51	NC	6.60	6.47	6.77
OU2MW-05	25.0 - 35.0	NC	NC	NC	NC	NC	4.44	4.16	4.09	3.93	4.16	3.97	4.21
OU2MW-06S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-06	25.0 - 35.0	NC	NC	NC	NC	NC	2.57	2.17	2.21	2.17	2.17	2.21	2.17
OU2MW-07S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-07	15.0 - 25.0	NC	NC	NC	NC	NC	2.37	1.98	2.00	2.03	1.90	2.08	1.89
OU2MW-08WT	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-08S	20.0 - 25.0	NC	NC	NC	NC	NC	9.07	8.92	8.61	8.26	8.66	8.66	8.96
OU2MW-08I	35.0 - 40.0	NC	NC	NC	NC	NC	9.08	8.92	8.62	8.27	8.67	8.66	8.97
OU2MW-08I2	50.0 - 55.0	NC	NC	NC	NC	NC	9.12	8.95	8.66	8.30	8.71	8.70	8.99
OU2MW-08D	65.0 - 70.0	NC	NC	NC	NC	NC	9.89	9.79	9.45	9.01	9.55	9.52	9.83
OU2MW-09	20.0 - 30.0	NC	NC	NC	NC	NC	8.42	8.28	7.99	NC	8.04	8.02	8.27
OU2MW-10S	3.0 - 7.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-10I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-10D	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-11S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-11I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-11I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-11D	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-12S	3.0 - 7.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-12I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-12I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-12D	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-13S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-13I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-13D	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-14S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-14I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-14I2	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Aug-04	Oct-04	Feb-05	May-05	Aug-05	Nov-05	Feb-06	May-06	July/Aug-06	Nov-06	Jan-07	May-07
OU2MW-15S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-15I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-15I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-15D	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-16S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-16I	15.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-16I2	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-16D	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-17S	5.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-17I	13.0 - 23.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-17I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-17D	60.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-18I	13.0 - 23.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-18I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-18D	60.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-39S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-39I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-39I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-39D	70.0 - 75.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-49S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-49I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-49I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-49D	63.0 - 68.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-50S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-50I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-50I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-50D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-51S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-51I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-51I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-51D	61.0 - 66.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-52S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-52I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-52D	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-53S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-53I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-53D	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-54S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-54I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-54I2	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-54D	60.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-57S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-57I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-57I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-58S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-58I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		July/Aug-07	Oct/Nov-07	Jan-08	Apr/May-08	Aug-08	Nov-08	Jan-09	May-09	Jul-09	Oct-09	Jan-10	Apr-10
BBMW-01S	5.0 - 15.0	12.63	11.91	12.78	13.27	12.22	12.92	12.88	13.10	13.11	12.29	13.41	14.73
BBMW-01I	32.0 - 42.0	12.62	11.90	12.77	13.25	12.21	12.91	12.88	13.07	13.11	12.30	13.43	14.74
BBMW-01D	68.5 - 78.5	12.64	11.91	12.79	13.29	12.24	12.94	12.91	13.08	13.15	12.34	13.43	14.74
BBMW-02S	5.0 - 15.0	11.56	11.00	11.85	12.23	11.23	11.92	11.57	12.08	12.09	11.27	12.39	13.60
BBMW-02I	30.0 - 40.0	11.55	11.00	11.85	12.24	11.24	11.92	11.88	12.08	12.10	11.26	12.39	13.59
BBMW-02D	73.0 - 83.0	11.54	10.98	11.84	12.22	11.21	11.90	11.87	12.07	12.07	11.22	12.34	13.60
BBMW-03S	3.0 - 13.0	7.71	7.36	7.92	8.21	7.43	8.00	7.89	8.09	8.10	7.43	8.28	9.68
BBMW-03I	30.0 - 40.0	7.71	7.37	7.89	8.22	7.43	8.02	7.86	8.09	8.10	7.47	8.28	9.68
BBMW-03D	52.0 - 62.0	7.74	7.38	7.92	8.23	7.43	8.03	7.90	8.09	8.11	7.45	8.29	9.70
BBMW-04D	63.0 - 73.0	NC	13.28	14.20	14.78	10.72	14.37	14.39	14.59	14.57	13.15	14.74	16.04
BBMW-07S	5.0 - 15.0	NC	4.18	5.63	5.97	5.43	5.76	5.46	5.76	5.98	5.39	6.05	7.77
BBMW-07I	30.0 - 40.0	NC	5.16	5.57	5.96	5.43	5.77	5.46	5.86	5.96	5.38	6.03	7.76
BBMW-07D	55.0 - 65.0	NC	5.15	5.62	5.98	5.45	5.76	5.46	5.75	5.96	5.37	6.03	7.73
BBMW-15S	5.0 - 15.0	10.26	9.81	10.57	10.91	9.93	10.63	10.57	10.75	10.76	9.92	11.42	12.16
BBMW-15I	35.0 - 45.0	10.27	9.78	10.54	10.85	9.90	10.55	10.55	10.72	10.75	9.92	11.02	12.13
BBMW-15I2	23.0 - 28.0	10.19	9.77	10.60	10.87	9.90	10.60	10.49	10.68	10.70	9.86	10.99	12.09
BBMW-15D	70.0 -80.0	10.22	9.77	10.54	10.86	9.89	10.57	10.51	10.67	10.73	9.87	11.00	12.11
BBMW-16S	5.0 - 15.0	9.56	9.14	9.80	10.14	9.29	9.87	9.85	10.09	10.14	9.46	10.19	11.39
BBMW-16I	35.0 - 45.0	9.58	9.16	9.77	10.18	9.31	9.89	9.89	10.09	15.14	9.45	10.38	11.45
BBMW-16D	68.0 - 78.0	9.56	9.15	9.82	10.23	9.36	9.94	9.92	10.53	10.19	9.48	10.42	11.48
BBMW-23S	5.0 - 15.0	10.35	12.31	13.19	13.67	12.62	13.34	13.25	13.37	13.49	12.67	13.75	15.14
BBMW-23I	33.0 - 43.0	10.48	12.31	13.19	13.68	12.62	13.33	13.24	13.46	13.49	12.61	13.73	15.09
BBMW-23D	49.5 - 59.5	10.29	12.28	13.19	13.71	12.65	13.36	13.26	13.86	13.51	12.69	13.76	15.13
BBMW-23D2	63.0 - 73.0	10.31	12.31	13.16	13.68	12.62	13.36	13.27	13.16	13.48	12.66	13.80	15.13
BBMW-24S	4.0 - 14.0	9.41	10.12	10.86	11.32	10.37	11.27	11.16	11.10	11.43	10.50	11.71	12.89
BBMW-24I	32.0 - 42.0	9.44	10.11	10.82	11.30	10.36	11.09	10.97	11.21	11.24	10.40	11.46	12.70
BBMW-24D	59.5 - 69.5	9.44	10.13	10.88	11.31	10.35	11.04	10.90	11.26	11.15	10.31	11.46	12.63
BBMW-25S	4.0 - 14.0	NC	7.78	8.37	8.77	NC	8.43	8.30	8.60	NC	NC	8.75	10.40
BBMW-25I	25.0 - 35.0	NC	NC	NC	NC	NC	8.40	8.32	8.57	NC	NC	8.79	10.37
BBMW-25D	62.0 - 72.0	NC	7.76	8.46	8.75	NC	8.45	8.36	8.56	NC	NC	8.90	10.35
GM-03S	6.78 - 21.78	9.44	8.97	9.64	10.08	9.15	NC	NC	NC	NC	NC	NC	NC
GM-03I	30.03 - 45.03	9.43	8.98	9.64	10.06	9.13	NC	NC	NC	NC	NC	NC	NC
GM-03D	53.18 - 68.18	9.46	8.97	9.67	10.08	9.16	NC	NC	NC	NC	NC	NC	NC
GM-05S	5.1 - 20.1	2.94	2.59	2.98	3.20	2.88	2.89	2.64	3.04	3.12	2.80	3.03	4.57
GM-05I	35.05 - 48.05	3.08	2.71	3.22	3.39	3.02	3.08	2.83	3.17	3.33	3.06	3.27	4.82
GM-05D	60.95 - 75.95	6.96	6.83	7.54	NC	NC	7.66	7.66	7.66	7.87	7.10	7.87	7.87
GM-06S	8.97 - 23.97	3.44	3.07	3.39	3.71	3.35	3.58	3.14	3.64	3.77	3.31	3.82	5.56
GM-06I	35.40 - 40.40	3.45	3.08	3.39	3.72	3.36	3.60	3.16	3.65	3.75	3.31	3.85	5.57
GM-06D	60.05 - 75.05	3.45	3.08	3.38	3.70	3.37	3.59	3.17	3.67	3.75	3.32	3.82	5.57
GM-07S	9.75 - 24.75	2.62	2.30	2.54	2.73	2.57	2.57	2.20	2.70	2.86	2.46	2.81	4.41
GM-07I	29.6 - 44.6	2.60	2.30	2.50	2.72	2.56	2.56	2.20	2.68	2.83	2.42	2.79	4.39
GM-07D	50.3 - 65.3	2.61	2.31	2.55	2.72	2.57	2.57	2.20	2.70	2.83	2.38	2.77	4.36
GM-08S	6.35 - 21.35	1.02	0.72	1.08	1.13	0.99	0.79	0.57	1.21	1.48	1.02	1.16	2.81
GM-08I	29.95 - 44.95	1.02	0.73	1.04	1.13	1.00	0.79	0.58	1.22	1.16	1.04	1.17	2.81
GM-08D	48.25 - 63.25	1.02	0.62	1.09	1.13	1.00	0.79	0.58	1.21	1.20	0.86	1.20	2.80
GM-09S	20.0 - 25.0	0.95	0.72	0.96	0.89	0.92	0.68	0.34	1.08	0.90	0.78	0.76	1.63
GM-09I	40.0 - 45.0	0.96	0.73	0.92	0.90	0.92	0.70	0.34	1.07	0.90	0.88	0.74	1.73
GM-09D	48.35 - 63.35	0.96	0.72	0.95	0.90	0.93	0.70	0.36	1.07	0.91	0.78	0.77	1.73
GM-10AD	unknown	1.80	1.50	1.70	1.83	1.75	1.66	1.22	1.79	1.94	1.61	1.82	3.43

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		July/Aug-07	Oct/Nov-07	Jan-08	Apr/May-08	Aug-08	Nov-08	Jan-09	May-09	Jul-09	Oct-09	Jan-10	Apr-10
GMP-01	25.0 - 30.0	3.33	3.00	3.43	3.66	3.27	3.30	3.06	NC	3.57	3.17	3.48	5.4
GMP-02	18.0 - 23.0	2.55	2.30	2.72	2.89	2.58	2.55	2.31	2.74	2.83	2.77	2.79	4.76
GMP-04	15.5 - 20.5	1.63	1.41	1.28	1.00	1.65	1.09	0.70	1.39	1.29	1.01	1.50	2.80
MW-16AS	3.0 - 13.0	10.47	10.11	10.92	11.16	10.22	10.92	10.88	11.22	11.05	10.31	11.37	12.48
OU2-IW01S	3.0 - 8.0	NC	2.50	2.91	2.97	2.77	2.74	2.57	2.97	2.99	2.68	2.99	4.97
OU2MW-01WT	3.0 - 8.0	NC	7.74	8.29	8.70	NC	8.42	8.30	8.53	NC	7.82	8.81	10.29
OU2MW-01S	20.0 - 25.0	NC	7.56	8.12	8.51	NC	8.28	8.15	8.36	NC	7.70	8.61	10.18
OU2MW-01I	35.0 - 40.0	NC	7.56	8.17	8.52	NC	8.28	8.19	8.43	NC	7.72	8.52	10.25
OU2MW-01I2	50.0 - 55.0	NC	7.55	8.14	8.47	NC	8.27	8.13	8.33	NC	7.66	8.58	9.16
OU2MW-01D	65.0 - 70.0	NC	8.95	9.58	9.98	NC	9.70	9.61	9.84	NC	9.15	10.14	11.74
OU2MW-02S	20.0 - 25.0	NC	7.50	8.07	8.43	NC	8.21	8.08	8.28	NC	7.63	8.53	9.99
OU2MW-02I	35.0 - 40.0	NC	7.52	8.10	8.42	NC	8.21	8.12	8.29	NC	7.63	8.52	10.03
OU2MW-02I2	50.0 - 55.0	NC	7.10	8.08	8.41	NC	8.21	8.08	8.26	NC	7.60	8.51	9.99
OU2MW-02D	65.0 - 70.0	NC	7.71	8.28	8.62	NC	8.42	8.30	8.47	NC	7.83	8.73	10.14
OU2MW-03S	20.0 - 25.0	NC	6.12	6.62	7.01	NC	6.67	6.62	6.84	NC	6.26	7.08	8.84
OU2MW-03I	35.0 - 40.0	NC	6.14	6.64	7.02	NC	6.72	6.59	6.80	NC	6.27	7.10	8.86
OU2MW-03I2	50.0 - 55.0	NC	6.12	6.62	7.01	NC	6.68	6.52	6.78	NC	6.25	6.74	8.32
OU2MW-03D	65.0 - 70.0	NC	7.91	8.28	8.84	NC	8.50	7.17	8.67	NC	8.04	8.83	10.63
OU2MW-04WT	3.0 - 8.0	NC	5.91	6.41	6.53	6.12	6.50	6.32	6.57	6.63	6.06	6.74	8.55
OU2MW-04S	20.0 - 25.0	6.25	5.93	6.40	6.71	6.12	6.50	6.27	5.60	6.60	6.06	6.77	8.37
OU2MW-04I	35.0 - 40.0	6.28	5.94	6.42	6.73	6.19	6.52	6.33	6.57	6.63	6.05	6.81	8.58
OU2MW-04I2	50.0 - 55.0	6.26	5.90	6.39	6.73	6.13	6.52	6.30	6.56	6.62	6.03	6.74	8.55
OU2MW-04D	65.0 - 70.0	6.28	6.06	6.41	6.74	6.14	6.52	6.25	6.56	6.63	6.02	6.78	8.56
OU2MW-05	25.0 - 35.0	3.97	3.54	4.01	4.29	3.92	4.05	3.80	-1.05	4.22	3.83	4.28	6.14
OU2MW-06S	3.0 - 8.0	NC	2.05	2.16	2.22	2.35	2.09	1.70	2.25	2.22	2.02	2.38	4.07
OU2MW-06	25.0 - 35.0	2.22	2.03	2.16	2.16	2.32	2.07	1.66	2.27	2.26	2.03	2.37	4.11
OU2MW-07S	3.0 - 8.0	NC	1.96	2.04	1.94	2.22	1.85	1.50	2.11	2.02	1.87	2.22	3.67
OU2MW-07	15.0 - 25.0	2.02	1.93	2.02	1.89	2.17	1.80	1.45	2.06	1.47	1.75	2.14	3.79
OU2MW-08WT	3.0 - 8.0	NC	7.87	8.51	8.87	8.04	8.63	8.52	8.74	8.72	8.03	8.98	10.26
OU2MW-08S	20.0 - 25.0	8.28	7.85	8.52	8.86	8.04	8.62	8.52	8.71	8.74	8.00	8.90	10.28
OU2MW-08I	35.0 - 40.0	8.29	7.87	8.56	8.86	8.02	8.61	8.49	8.71	8.74	8.00	8.97	10.24
OU2MW-08I2	50.0 - 55.0	8.32	7.89	8.52	9.58	8.06	8.64	8.52	8.72	8.74	8.53	8.99	10.27
OU2MW-08D	65.0 - 70.0	9.06	8.69	9.34	9.72	8.75	9.45	9.42	9.54	9.58	8.82	9.83	11.06
OU2MW-09	20.0 - 30.0	7.71	7.37	7.93	8.20	7.47	8.00	7.89	8.08	8.11	7.45	8.30	9.67
OU2MW-10S	3.0 - 7.0	NC	2.00	2.42	2.60	2.38	2.37	1.99	2.41	2.52	2.29	2.35	4.52
OU2MW-10I	20.0 - 25.0	NC	2.01	2.42	2.61	2.35	2.36	1.76	2.47	2.54	2.25	2.32	4.55
OU2MW-10D	35.0 - 40.0	NC	1.99	2.38	2.60	2.33	2.34	1.97	2.41	2.52	2.20	2.32	4.50
OU2MW-11S	3.0 - 8.0	NC	3.29	3.65	3.92	3.58	3.68	3.42	3.75	3.83	3.51	3.84	5.83
OU2MW-11I	20.0 - 25.0	NC	3.26	3.67	3.89	3.57	3.65	3.38	3.75	3.81	3.44	3.84	5.76
OU2MW-11I2	30.0 - 35.0	NC	3.24	3.68	3.86	3.55	3.62	3.25	3.71	3.76	3.46	3.81	5.75
OU2MW-11D	40.0 - 45.0	NC	3.23	3.63	3.85	3.54	3.61	3.35	3.72	3.77	3.55	3.80	5.70
OU2MW-12S	3.0 - 7.0	NC	2.64	3.05	3.24	3.01	2.88	2.63	3.23	3.12	2.74	3.03	5.02
OU2MW-12I	20.0 - 25.0	NC	2.70	3.08	3.34	3.05	3.00	2.69	3.19	3.29	2.87	3.29	5.18
OU2MW-12I2	30.0 - 35.0	NC	2.70	2.97	3.27	3.03	2.91	2.61	3.13	3.16	3.01	3.20	5.07
OU2MW-12D	40.0 - 45.0	NC	2.67	3.06	3.26	3.02	2.91	2.62	3.15	3.15	2.84	3.19	5.04
OU2MW-13S	3.0 - 8.0	NC	1.82	2.16	2.27	2.29	1.96	1.64	2.23	2.13	1.92	2.23	3.72
OU2MW-13I	20.0 - 25.0	NC	1.79	2.08	2.21	2.30	1.95	1.61	2.15	2.09	1.89	2.30	3.70
OU2MW-13D	35.0 - 40.0	NC	1.79	2.00	2.20	2.29	1.94	1.58	2.12	2.08	1.85	2.25	3.68
OU2MW-14S	3.0 - 8.0	NC	7.64	7.76	8.63	7.78	8.35	8.21	8.52	8.54	7.85	8.78	10.06
OU2MW-14I	20.0 - 25.0	NC	NC	NC	NC	8.04	8.61	8.47	8.75	8.77	8.13	9.00	10.30
OU2MW-14I2	40.0 - 45.0	NC	NC	NC	NC	8.05	8.61	8.46	8.74	8.80	8.09	9.01	10.35

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		July/Aug-07	Oct/Nov-07	Jan-08	Apr/May-08	Aug-08	Nov-08	Jan-09	May-09	Jul-09	Oct-09	Jan-10	Apr-10
OU2MW-15S	3.0 - 8.0	NC	2.04	2.45	2.64	2.37	2.37	2.00	2.44	2.56	2.29	2.40	4.58
OU2MW-15I	20.0 - 25.0	NC	2.05	2.43	2.63	2.37	2.38	2.02	2.47	2.59	2.49	2.41	4.58
OU2MW-15I2	30.0 - 35.0	NC	2.06	2.41	2.65	2.37	2.39	2.00	2.40	2.59	2.26	2.43	4.56
OU2MW-15D	40.0 - 45.0	NC	2.06	2.46	2.66	2.37	2.39	2.02	2.45	2.60	2.30	2.40	4.53
OU2MW-16S	3.0 - 8.0	NC	2.14	2.59	2.83	2.55	2.55	2.11	2.66	2.69	2.41	2.58	4.73
OU2MW-16I	15.0 - 20.0	NC	2.12	2.56	2.75	2.48	2.47	2.16	2.58	2.67	2.35	2.49	4.63
OU2MW-16I2	25.0 - 30.0	NC	2.13	2.51	2.77	2.49	2.48	2.04	2.56	2.65	2.33	2.50	4.66
OU2MW-16D	35.0 - 40.0	NC	2.14	2.56	2.75	2.48	2.48	2.15	2.58	2.66	2.39	2.50	4.67
OU2MW-17S	5.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-17I	13.0 - 23.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-17I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-17D	60.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-18I	13.0 - 23.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-18I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-18D	60.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-39S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	12.78	11.47	12.52	13.88
OU2MW-39I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	12.26	11.43	12.46	13.86
OU2MW-39I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	15.26	11.48	12.46	13.86
OU2MW-39D	70.0 - 75.0	NC	NC	NC	NC	NC	NC	NC	NC	12.27	11.45	12.45	13.85
OU2MW-49S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-49I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-49I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-49D	63.0 - 68.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-50S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-50I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-50I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-50D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-51S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-51I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-51I2	45.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-51D	61.0 - 66.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-52S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	3.17
OU2MW-52I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	3.36
OU2MW-52D	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	3.35
OU2MW-53S	3.0 - 8.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	3.12
OU2MW-53I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	2.31
OU2MW-53D	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-54S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-54I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-54I2	40.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-54D	60.0 - 65.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-57S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-57I	20.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-57I2	35.0 - 45.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-58S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU2MW-58I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Jul-10	Oct-10	Jan-11	Apr-11	Jul-11	Oct-11	Jan-12	Apr-12	Apr-13	Apr-14	Apr-15	Jun-16
BBMW-01S	5.0 - 15.0	12.27	12.47	12.65	13.00	12.78	12.88	13.35	13.26	12.85	14.25	13.25	11.95
BBMW-01I	32.0 - 42.0	12.27	11.58	12.63	13.02	12.55	12.88	12.82	12.82	12.60	13.73	13.27	11.94
BBMW-01D	68.5 - 78.5	12.29	11.99	12.70	13.00	12.58	12.91	13.03	12.90	12.86	13.80	13.29	11.97
BBMW-02S	5.0 - 15.0	11.22	11.05	11.74	12.03	11.57	11.77	11.71	11.41	11.95	12.46	12.50	10.72
BBMW-02I	30.0 - 40.0	11.21	11.05	11.73	12.06	11.63	11.83	11.76	11.65	12.22	12.66	12.48	11.05
BBMW-02D	73.0 - 83.0	11.21	11.03	11.72	11.98	11.68	11.81	11.87	11.74	12.34	12.69	12.46	11.38
BBMW-03S	3.0 - 13.0	7.39	7.50	7.88	8.03	7.62	8.26	7.98	7.76	8.05	8.98	8.37	7.37
BBMW-03I	30.0 - 40.0	7.39	7.52	7.89	8.04	7.40	8.08	7.87	7.59	8.04	8.77	8.38	7.38
BBMW-03D	52.0 - 62.0	7.39	7.51	7.89	8.04	7.36	8.00	7.87	7.64	8.12	8.94	8.40	7.39
BBMW-04D	63.0 - 73.0	13.67	13.25	14.00	14.35	14.12	14.16	14.40	14.29	14.62	13.59	14.79	13.23
BBMW-07S	5.0 - 15.0	5.28	5.49	5.58	5.72	5.62	5.82	5.53	5.33	5.77	6.59	6.30	5.19
BBMW-07I	30.0 - 40.0	5.28	5.47	5.56	5.70	5.45	5.64	5.47	5.31	5.79	6.60	6.30	5.20
BBMW-07D	55.0 - 65.0	5.29	5.52	5.55	5.69	5.60	5.74	5.47	5.37	5.83	6.58	6.31	5.17
BBMW-15S	5.0 - 15.0	9.87	9.82	10.44	10.67	10.38	10.63	10.71	10.53	10.85	11.35	11.19	9.87
BBMW-15I	35.0 - 45.0	9.84	9.83	10.44	10.67	10.32	10.52	10.55	10.18	10.61	10.32	11.17	9.84
BBMW-15I2	23.0 - 28.0	9.77	9.72	10.38	10.60	10.27	10.46	10.47	10.24	10.65	10.22	11.09	9.79
BBMW-15D	70.0 -80.0	9.82	9.78	10.63	10.62	10.22	10.49	10.33	10.06	10.60	10.05	11.14	9.84
BBMW-16S	5.0 - 15.0	9.33	9.28	9.70	9.94	9.55	9.95	12.95	9.56	9.82	10.44	10.30	9.18
BBMW-16I	35.0 - 45.0	9.34	9.30	9.73	9.97	9.65	9.96	13.26	9.96	10.04	11.03	6.75	9.11
BBMW-16D	68.0 - 78.0	9.38	9.34	9.78	10.49	9.68	10.01	12.89	9.58	10.08	10.60	10.27	9.55
BBMW-23S	5.0 - 15.0	12.63	12.35	13.03	13.09	13.10	13.19	13.14	12.71	13.23	14.06	13.64	12.31
BBMW-23I	33.0 - 43.0	12.60	12.30	13.01	12.99	13.07	13.14	13.06	12.66	13.16	14.04	13.62	12.24
BBMW-23D	49.5 - 59.5	12.63	12.38	13.05	13.05	13.20	13.19	13.10	12.65	13.12	14.21	13.67	12.85
BBMW-23D2	63.0 - 73.0	12.61	12.33	13.01	12.61	12.87	13.19	12.71	12.21	12.73	13.99	13.63	12.29
BBMW-24S	4.0 - 14.0	10.56	11.08	11.01	11.25	11.07	11.26	11.24	10.74	11.27	12.04	11.80	10.35
BBMW-24I	32.0 - 42.0	10.40	10.27	10.83	11.09	10.87	11.08	11.03	10.69	11.10	12.04	11.62	10.21
BBMW-24D	59.5 - 69.5	10.31	10.21	10.52	11.01	10.78	11.00	10.96	10.38	10.99	11.96	11.53	10.14
BBMW-25S	4.0 - 14.0	NC	7.89	8.29	8.50	8.14	8.46	8.29	9.40	8.55	9.60	8.98	7.76
BBMW-25I	25.0 - 35.0	NC	7.90	8.31	8.49	8.17	8.54	8.30	9.29	8.57	9.58	8.98	7.78
BBMW-25D	62.0 - 72.0	NC	7.85	8.30	8.52	8.19	8.52	8.20	9.22	8.52	9.47	8.99	7.72
GM-03S	6.78 - 21.78	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
GM-03I	30.03 - 45.03	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
GM-03D	53.18 - 68.18	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
GM-05S	5.1 - 20.1	2.73	3.21	2.92	2.73	3.05	3.23	3.18	3.76	3.09	3.65	3.46	2.71
GM-05I	35.05 - 48.05	2.88	2.92	3.14	NC	3.10	3.44	3.42	4.40	3.32	3.80	3.65	2.91
GM-05D	60.95 - 75.95	7.05	7.36	5.53	7.37	7.16	7.87	7.87	7.64	7.87	5.85	NC	2.91
GM-06S	8.97 - 23.97	3.24	3.51	3.39	3.45	3.51	3.69	3.01	3.15	3.52	4.42	4.19	3.11
GM-06I	35.40 - 40.40	3.25	3.46	3.40	3.46	3.48	3.69	3.24	3.16	3.54	4.47	4.21	3.11
GM-06D	60.05 - 75.05	3.24	3.43	3.41	3.45	3.54	3.69	3.06	3.36	3.55	4.45	4.20	3.12
GM-07S	9.75 - 24.75	2.49	2.80	2.56	2.41	2.54	2.92	2.35	2.41	2.71	3.41	3.28	2.42
GM-07I	29.6 - 44.6	2.47	2.98	2.54	2.38	2.59	2.89	2.30	2.42	2.68	3.21	3.05	2.21
GM-07D	50.3 - 65.3	2.48	2.81	2.57	2.40	2.62	3.01	2.30	2.40	2.70	3.63	3.48	2.64
GM-08S	6.35 - 21.35	0.94	1.54	1.01	0.69	1.19	1.48	0.90	0.83	1.35	1.98	1.60	0.92
GM-08I	29.95 - 44.95	0.74	1.39	1.03	NC	1.33	1.48	0.71	0.94	1.43	1.78	1.62	0.96
GM-08D	48.25 - 63.25	0.74	1.46	1.09	0.66	1.15	1.49	0.72	0.92	1.34	2.01	1.62	0.93
GM-09S	20.0 - 25.0	0.86	1.28	0.93	0.45	1.14	1.33	0.83	0.27	0.92	1.32	1.63	0.89
GM-09I	40.0 - 45.0	0.86	1.27	0.94	0.44	1.14	1.34	0.41	0.49	0.93	1.40	1.62	0.77
GM-09D	48.35 - 63.35	0.87	1.26	0.96	0.44	1.13	1.37	0.79	0.68	0.59	1.28	1.65	0.87
GM-10AD	unknown	1.65	2.01	NC	1.87	1.96	2.05	1.47	1.47	1.82	2.47	2.41	1.61

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Jul-10	Oct-10	Jan-11	Apr-11	Jul-11	Oct-11	Jan-12	Apr-12	Apr-13	Apr-14	Apr-15	Jun-16
GMP-01	25.0 - 30.0	3.14	3.73	3.39	3.19	3.42	3.70	3.64	3.13	3.53	4.13	3.86	3.09
GMP-02	18.0 - 23.0	2.44	2.97	2.72	2.39	2.79	3.06	2.95	2.49	2.80	3.36	3.13	3.09
GMP-04	15.5 - 20.5	0.95	2.01	1.54	0.89	1.37	1.69	1.36	1.34	NC	1.53	0.34	1.38
MW-16AS	3.0 - 13.0	10.16	10.10	10.70	10.99	10.81	10.84	10.56	10.55	10.94	11.71	11.48	11.15
OU2-IW01S	3.0 - 8.0	2.70	3.08	2.89	2.65	2.99	3.18	0.95	2.01	3.01	2.40	3.32	2.79
OU2MW-01WT	3.0 - 8.0	NC	7.84	8.35	8.56	NC	8.51	8.35	9.35	8.50	9.66	8.99	8.74
OU2MW-01S	20.0 - 25.0	NC	7.72	8.12	8.31	NC	8.31	8.20	8.11	8.19	9.16	8.79	8.46
OU2MW-01I	35.0 - 40.0	NC	7.77	8.17	8.36	NC	8.40	8.29	8.28	8.36	9.28	8.83	8.47
OU2MW-01I2	50.0 - 55.0	NC	7.72	8.13	8.28	NC	8.30	8.28	8.21	8.30	9.23	8.76	NC
OU2MW-01D	65.0 - 70.0	NC	9.13	9.51	9.75	NC	9.67	8.24	8.12	8.32	9.05	10.17	NC
OU2MW-02S	20.0 - 25.0	NC	7.68	NC	8.23	NC	8.19	8.28	8.45	8.23	9.08	8.61	7.48
OU2MW-02I	35.0 - 40.0	NC	7.67	NC	8.24	NC	8.20	8.25	8.50	8.27	9.38	8.60	7.37
OU2MW-02I2	50.0 - 55.0	NC	7.65	NC	8.21	NC	8.27	7.99	8.43	8.23	9.54	8.58	5.95
OU2MW-02D	65.0 - 70.0	NC	7.87	NC	8.45	NC	8.42	8.26	8.26	7.98	9.23	8.92	7.43
OU2MW-03S	20.0 - 25.0	NC	6.34	NC	6.73	6.63	6.81	6.73	6.81	6.83	8.32	7.31	6.12
OU2MW-03I	35.0 - 40.0	NC	6.34	NC	6.75	6.59	6.79	6.79	6.75	6.79	8.26	7.33	6.10
OU2MW-03I2	50.0 - 55.0	NC	6.34	NC	6.71	6.53	6.70	6.69	6.64	6.77	8.18	7.31	6.05
OU2MW-03D	65.0 - 70.0	NC	7.84	NC	8.56	NC	6.66	6.72	6.64	6.73	8.13	8.98	6.15
OU2MW-04WT	3.0 - 8.0	6.04	6.17	6.33	6.49	6.23	6.53	6.44	6.38	6.49	7.64	7.05	5.79
OU2MW-04S	20.0 - 25.0	6.00	6.15	6.39	6.48	6.33	6.64	6.56	6.38	6.36	7.43	7.17	6.59
OU2MW-04I	35.0 - 40.0	5.99	6.18	6.36	6.50	6.35	6.54	6.50	6.38	6.33	7.55	7.15	6.56
OU2MW-04I2	50.0 - 55.0	5.88	6.16	6.35	6.46	6.26	6.59	6.73	6.21	6.34	7.45	7.13	6.55
OU2MW-04D	65.0 - 70.0	5.99	6.17	6.38	6.48	6.19	6.50	6.69	6.18	6.48	7.42	7.15	6.57
OU2MW-05	25.0 - 35.0	3.83	4.10	4.00	3.92	4.05	4.30	3.83	3.73	4.14	4.92	4.55	4.03
OU2MW-06S	3.0 - 8.0	1.96	2.69	2.54	1.88	1.28	2.57	2.48	1.94	2.39	3.08	2.57	2.14
OU2MW-06	25.0 - 35.0	1.93	2.65	2.49	1.85	0.81	2.54	2.13	2.86	2.37	3.11	2.73	2.10
OU2MW-07S	3.0 - 8.0	1.75	2.61	2.45	1.72	2.14	2.45	1.65	1.51	2.33	2.77	2.29	2.01
OU2MW-07	15.0 - 25.0	1.72	2.49	2.41	1.70	2.11	2.37	1.58	1.48	2.26	2.79	2.22	1.99
OU2MW-08WT	3.0 - 8.0	7.95	8.07	8.49	8.67	8.37	8.56	8.46	8.53	8.81	9.68	9.16	8.83
OU2MW-08S	20.0 - 25.0	7.97	8.06	8.48	8.67	8.44	8.59	8.47	8.48	8.69	9.37	9.15	9.18
OU2MW-08I	35.0 - 40.0	7.92	8.03	8.45	8.65	8.35	8.54	8.48	8.49	8.63	9.38	9.14	8.78
OU2MW-08I2	50.0 - 55.0	7.96	8.03	8.28	8.68	8.39	8.57	8.45	8.58	8.79	9.43	9.15	8.77
OU2MW-08D	65.0 - 70.0	8.69	8.82	9.27	8.49	8.31	9.41	9.34	8.93	9.49	9.60	9.98	9.68
OU2MW-09	20.0 - 30.0	7.35	7.51	6.96	8.01	7.63	8.00	7.87	7.75	8.03	8.81	8.36	7.36
OU2MW-10S	3.0 - 7.0	2.15	2.65	NC	2.11	2.41	2.65	0.91	2.09	2.44	3.18	2.85	2.17
OU2MW-10I	20.0 - 25.0	2.14	2.65	NC	2.11	2.51	2.75	1.00	2.00	2.45	3.32	3.00	2.17
OU2MW-10D	35.0 - 40.0	2.19	2.60	NC	2.08	2.41	2.65	1.03	2.15	2.38	3.22	3.11	2.13
OU2MW-11S	3.0 - 8.0	3.42	3.80	3.65	3.52	3.74	3.95	3.47	3.36	3.80	4.60	4.17	3.38
OU2MW-11I	20.0 - 25.0	3.33	3.85	3.63	3.52	3.79	4.03	3.54	3.45	3.82	4.60	4.14	3.50
OU2MW-11I2	30.0 - 35.0	3.38	3.75	3.61	3.46	3.58	3.91	3.37	3.26	3.58	4.48	4.12	2.88
OU2MW-11D	40.0 - 45.0	3.36	3.74	3.11	3.45	3.68	3.88	3.45	3.35	3.73	4.51	4.11	3.31
OU2MW-12S	3.0 - 7.0	2.79	3.32	3.02	2.75	3.12	3.31	2.71	2.70	3.14	3.80	3.47	2.76
OU2MW-12I	20.0 - 25.0	2.83	3.42	3.06	2.85	3.12	3.38	2.68	2.66	3.23	3.81	3.50	2.84
OU2MW-12I2	30.0 - 35.0	2.80	3.42	3.07	2.81	3.14	3.31	2.76	2.78	3.13	3.86	3.49	2.82
OU2MW-12D	40.0 - 45.0	2.80	3.41	3.08	2.81	3.13	3.30	2.53	2.55	3.11	3.79	3.47	2.74
OU2MW-13S	3.0 - 8.0	1.89	2.65	2.29	1.81	2.15	2.47	1.47	1.69	2.17	2.61	2.53	1.88
OU2MW-13I	20.0 - 25.0	1.83	2.71	2.37	1.81	2.10	2.44	1.54	1.90	2.40	2.54	2.32	1.83
OU2MW-13D	35.0 - 40.0	1.83	2.74	2.32	1.79	2.20	2.43	1.64	2.05	2.35	2.49	2.31	1.80
OU2MW-14S	3.0 - 8.0	7.81	7.80	8.11	8.33	8.11	8.31	7.99	8.18	8.38	10.13	8.84	7.66
OU2MW-14I	20.0 - 25.0	7.99	8.05	8.35	8.57	8.40	8.57	8.34	8.34	8.66	10.33	9.09	7.83
OU2MW-14I2	40.0 - 45.0	7.99	8.10	8.45	8.61	8.40	NC	8.54	8.47	8.67	10.37	9.14	7.87

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Jul-10	Oct-10	Jan-11	Apr-11	Jul-11	Oct-11	Jan-12	Apr-12	Apr-13	Apr-14	Apr-15	Jun-16
OU2MW-15S	3.0 - 8.0	2.22	2.63	2.27	2.15	2.17	2.66	1.68	1.72	2.48	3.45	3.04	2.16
OU2MW-15I	20.0 - 25.0	2.24	2.60	2.30	2.66	2.47	2.59	2.02	1.97	2.45	3.39	3.03	2.18
OU2MW-15I2	30.0 - 35.0	2.23	2.58	2.16	2.05	2.48	2.60	2.00	2.01	2.43	3.28	2.96	2.12
OU2MW-15D	40.0 - 45.0	2.26	2.60	2.38	2.22	2.45	2.56	2.16	2.15	2.48	-2.49	3.12	2.21
OU2MW-16S	3.0 - 8.0	2.34	2.80	NC	2.26	2.66	3.00	2.34	2.17	2.55	3.44	3.13	2.35
OU2MW-16I	15.0 - 20.0	2.26	2.75	NC	2.23	2.48	2.78	2.29	2.21	2.53	3.43	3.09	2.29
OU2MW-16I2	25.0 - 30.0	2.30	2.76	NC	2.21	2.34	2.55	2.23	2.19	2.55	3.41	3.08	1.83
OU2MW-16D	35.0 - 40.0	2.28	2.72	NC	2.21	2.56	2.79	3.51	2.18	2.69	3.41	3.07	2.16
OU2MW-17S	5.0 - 10.0	NC	12.05	12.70	13.56	13.00	12.90	12.69	12.44	12.86	13.80	13.22	11.98
OU2MW-17I	13.0 - 23.0	NC	12.07	12.71	13.50	12.92	12.97	12.83	12.65	12.99	13.68	13.23	11.97
OU2MW-17I2	35.0 - 45.0	NC	12.05	12.66	13.47	12.92	12.99	12.76	12.65	12.84	13.65	13.22	11.99
OU2MW-17D	60.0 - 70.0	NC	12.05	12.66	13.35	12.83	12.89	12.59	12.53	12.71	13.58	13.22	11.95
OU2MW-18I	13.0 - 23.0	NC	12.04	12.63	13.83	12.73	12.86	12.89	12.86	12.92	13.73	13.23	11.94
OU2MW-18I2	35.0 - 45.0	NC	11.99	12.60	13.79	12.74	12.86	12.75	12.75	12.87	13.68	13.21	11.94
OU2MW-18D	60.0 - 70.0	NC	12.02	12.63	13.87	12.58	12.88	12.72	12.79	12.86	13.60	13.22	11.93
OU2MW-39S	5.0 - 15.0	11.43	11.22	11.83	12.15	11.76	12.21	12.21	12.26	12.18	12.92	12.50	11.16
OU2MW-39I	25.0 - 30.0	11.44	11.20	11.82	12.13	11.88	12.27	12.38	12.32	12.15	13.02	12.44	11.15
OU2MW-39I2	45.0 - 50.0	11.42	11.19	11.83	12.14	11.66	12.07	12.17	12.15	11.99	12.72	12.45	11.16
OU2MW-39D	70.0 - 75.0	11.43	11.19	11.84	12.13	11.23	12.08	12.13	12.17	11.98	12.88	12.45	11.16
OU2MW-49S	3.0 - 13.0	NC	12.51	13.23	13.58	13.14	13.53	13.54	13.29	13.66	14.48	13.86	12.50
OU2MW-49I	25.0 - 30.0	NC	12.91	13.65	13.99	13.54	13.78	13.79	13.46	13.82	14.72	14.24	12.87
OU2MW-49I2	45.0 - 50.0	NC	12.50	13.26	13.58	12.97	13.39	13.22	12.90	13.23	14.31	12.85	12.48
OU2MW-49D	63.0 - 68.0	NC	12.49	12.80	13.57	13.00	13.22	13.38	13.13	13.40	14.39	13.83	12.48
OU2MW-50S	5.0 - 15.0	NC	NC	NC	13.54	13.24	13.55	13.48	13.43	13.48	14.40	13.94	12.64
OU2MW-50I	25.0 - 30.0	NC	NC	NC	13.44	13.14	13.52	13.36	13.28	13.44	14.34	13.85	12.62
OU2MW-50I2	45.0 - 50.0	NC	NC	NC	13.53	13.23	13.51	13.43	13.33	13.47	14.30	13.88	12.56
OU2MW-50D	65.0 - 70.0	NC	NC	NC	13.57	13.25	13.54	13.55	13.48	13.51	14.31	13.84	12.60
OU2MW-51S	5.0 - 15.0	NC	NC	NC	13.32	13.29	13.46	13.33	13.42	13.47	14.28	13.78	12.80
OU2MW-51I	25.0 - 30.0	NC	NC	NC	13.28	13.20	13.47	13.40	13.34	13.47	14.10	13.72	12.59
OU2MW-51I2	45.0 - 50.0	NC	NC	NC	13.40	13.25	13.52	13.45	13.41	13.53	14.30	13.78	12.58
OU2MW-51D	61.0 - 66.0	NC	NC	NC	13.38	13.27	13.46	13.42	13.40	13.41	14.61	13.82	12.56
OU2MW-52S	3.0 - 8.0	1.47	2.23	2.33	1.35	2.00	2.11	1.29	0.58	1.91	2.40	1.97	1.48
OU2MW-52I	20.0 - 25.0	1.46	2.19	2.09	1.19	1.73	2.12	1.08	0.27	1.94	2.34	3.99	1.44
OU2MW-52D	35.0 - 40.0	1.44	2.12	2.10	1.23	1.55	2.13	1.15	0.40	1.85	1.90	1.85	1.45
OU2MW-53S	3.0 - 8.0	1.13	1.69	NC	1.03	0.93	1.73	0.64	0.34	1.49	2.38	2.28	2.47
OU2MW-53I	20.0 - 25.0	1.13	1.83	NC	0.90	0.89	1.83	0.68	0.36	1.36	2.22	1.47	1.18
OU2MW-53D	35.0 - 40.0	1.14	1.84	NC	1.13	1.06	1.82	0.70	0.51	1.45	2.86	1.49	1.17
OU2MW-54S	5.0 - 15.0	NC	12.29	12.99	13.04	13.07	13.15	13.19	12.77	13.42	14.13	13.59	12.70
OU2MW-54I	25.0 - 30.0	NC	12.22	13.00	14.94	12.93	13.08	13.04	12.73	13.20	14.13	13.59	12.25
OU2MW-54I2	40.0 - 45.0	NC	12.25	12.74	12.55	12.81	13.13	13.07	12.55	13.18	13.99	13.59	12.27
OU2MW-54D	60.0 - 65.0	NC	12.26	13.27	13.28	13.21	13.13	13.35	12.85	13.21	14.18	13.58	12.36
OU2MW-57S	5.0 - 15.0	NC	12.40	12.59	13.44	13.40	13.30	13.61	12.94	13.34	14.94	13.82	12.41
OU2MW-57I	20.0 - 30.0	NC	12.42	12.90	13.46	13.03	NC	13.16	12.68	13.17	14.59	13.54	12.39
OU2MW-57I2	35.0 - 45.0	NC	12.43	13.33	13.44	13.03	13.33	13.40	12.79	13.40	14.79	13.98	12.39
OU2MW-58S	5.0 - 15.0	NC	NC	NC	13.00	12.89	13.09	13.71	12.72	13.11	14.55	13.46	12.24
OU2MW-58I	25.0 - 30.0	NC	NC	NC	13.00	12.93	13.05	13.07	12.60	13.14	14.49	13.41	12.20

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
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Well ID	Screen Interval (feet bgs)	Apr-17
BBMW-01S	5.0 - 15.0	13.25
BBMW-01I	32.0 - 42.0	13.27
BBMW-01D	68.5 - 78.5	13.29
BBMW-02S	5.0 - 15.0	12.50
BBMW-02I	30.0 - 40.0	12.48
BBMW-02D	73.0 - 83.0	12.46
BBMW-03S	3.0 - 13.0	8.37
BBMW-03I	30.0 - 40.0	8.38
BBMW-03D	52.0 - 62.0	8.40
BBMW-04D	63.0 - 73.0	14.79
BBMW-07S	5.0 - 15.0	6.30
BBMW-07I	30.0 - 40.0	6.30
BBMW-07D	55.0 - 65.0	6.31
BBMW-15S	5.0 - 15.0	11.19
BBMW-15I	35.0 - 45.0	11.17
BBMW-15I2	23.0 - 28.0	11.09
BBMW-15D	70.0 -80.0	11.14
BBMW-16S	5.0 - 15.0	10.30
BBMW-16I	35.0 - 45.0	6.75
BBMW-16D	68.0 - 78.0	10.27
BBMW-23S	5.0 - 15.0	13.64
BBMW-23I	33.0 - 43.0	13.62
BBMW-23D	49.5 - 59.5	13.67
BBMW-23D2	63.0 - 73.0	13.63
BBMW-24S	4.0 - 14.0	11.80
BBMW-24I	32.0 - 42.0	11.62
BBMW-24D	59.5 - 69.5	11.53
BBMW-25S	4.0 - 14.0	8.98
BBMW-25I	25.0 - 35.0	8.98
BBMW-25D	62.0 - 72.0	8.99
GM-03S	6.78 - 21.78	NC
GM-03I	30.03 - 45.03	NC
GM-03D	53.18 - 68.18	NC
GM-05S	5.1 - 20.1	3.46
GM-05I	35.05 - 48.05	3.65
GM-05D	60.95 - 75.95	7.87
GM-06S	8.97 - 23.97	4.19
GM-06I	35.40 - 40.40	4.21
GM-06D	60.05 - 75.05	4.20
GM-07S	9.75 - 24.75	3.28
GM-07I	29.6 - 44.6	3.05
GM-07D	50.3 - 65.3	3.48
GM-08S	6.35 - 21.35	1.60
GM-08I	29.95 - 44.95	1.62
GM-08D	48.25 - 63.25	1.62
GM-09S	20.0 - 25.0	1.63
GM-09I	40.0 - 45.0	1.62
GM-09D	48.35 - 63.35	1.65
GM-10AD	unknown	2.41

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Apr-17
GMP-01	25.0 - 30.0	3.86
GMP-02	18.0 - 23.0	3.13
GMP-04	15.5 - 20.5	0.34
MW-16AS	3.0 - 13.0	11.48
OU2-IW01S	3.0 - 8.0	3.32
OU2MW-01WT	3.0 - 8.0	8.99
OU2MW-01S	20.0 - 25.0	8.79
OU2MW-01I	35.0 - 40.0	8.83
OU2MW-01I2	50.0 - 55.0	8.76
OU2MW-01D	65.0 - 70.0	10.17
OU2MW-02S	20.0 - 25.0	8.61
OU2MW-02I	35.0 - 40.0	8.60
OU2MW-02I2	50.0 - 55.0	8.58
OU2MW-02D	65.0 - 70.0	8.92
OU2MW-03S	20.0 - 25.0	7.31
OU2MW-03I	35.0 - 40.0	7.33
OU2MW-03I2	50.0 - 55.0	7.31
OU2MW-03D	65.0 - 70.0	8.98
OU2MW-04WT	3.0 - 8.0	7.05
OU2MW-04S	20.0 - 25.0	7.17
OU2MW-04I	35.0 - 40.0	7.15
OU2MW-04I2	50.0 - 55.0	7.13
OU2MW-04D	65.0 - 70.0	7.15
OU2MW-05	25.0 - 35.0	4.55
OU2MW-06S	3.0 - 8.0	2.57
OU2MW-06	25.0 - 35.0	2.73
OU2MW-07S	3.0 - 8.0	2.29
OU2MW-07	15.0 - 25.0	2.22
OU2MW-08WT	3.0 - 8.0	9.16
OU2MW-08S	20.0 - 25.0	9.15
OU2MW-08I	35.0 - 40.0	9.14
OU2MW-08I2	50.0 - 55.0	9.15
OU2MW-08D	65.0 - 70.0	9.98
OU2MW-09	20.0 - 30.0	8.36
OU2MW-10S	3.0 - 7.0	2.85
OU2MW-10I	20.0 - 25.0	3.00
OU2MW-10D	35.0 - 40.0	3.11
OU2MW-11S	3.0 - 8.0	4.17
OU2MW-11I	20.0 - 25.0	4.14
OU2MW-11I2	30.0 - 35.0	4.12
OU2MW-11D	40.0 - 45.0	4.11
OU2MW-12S	3.0 - 7.0	3.47
OU2MW-12I	20.0 - 25.0	3.50
OU2MW-12I2	30.0 - 35.0	3.49
OU2MW-12D	40.0 - 45.0	3.47
OU2MW-13S	3.0 - 8.0	2.53
OU2MW-13I	20.0 - 25.0	2.32
OU2MW-13D	35.0 - 40.0	2.31
OU2MW-14S	3.0 - 8.0	8.84
OU2MW-14I	20.0 - 25.0	9.09
OU2MW-14I2	40.0 - 45.0	9.14

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Apr-17
OU2MW-15S	3.0 - 8.0	3.04
OU2MW-15I	20.0 - 25.0	3.03
OU2MW-15I2	30.0 - 35.0	2.96
OU2MW-15D	40.0 - 45.0	3.12
OU2MW-16S	3.0 - 8.0	3.13
OU2MW-16I	15.0 - 20.0	3.09
OU2MW-16I2	25.0 - 30.0	3.08
OU2MW-16D	35.0 - 40.0	3.07
OU2MW-17S	5.0 - 10.0	13.22
OU2MW-17I	13.0 - 23.0	13.23
OU2MW-17I2	35.0 - 45.0	13.22
OU2MW-17D	60.0 - 70.0	13.22
OU2MW-18I	13.0 - 23.0	13.23
OU2MW-18I2	35.0 - 45.0	13.21
OU2MW-18D	60.0 - 70.0	13.22
OU2MW-39S	5.0 - 15.0	12.50
OU2MW-39I	25.0 - 30.0	12.44
OU2MW-39I2	45.0 - 50.0	12.45
OU2MW-39D	70.0 - 75.0	12.45
OU2MW-49S	3.0 - 13.0	13.86
OU2MW-49I	25.0 - 30.0	14.24
OU2MW-49I2	45.0 - 50.0	12.85
OU2MW-49D	63.0 - 68.0	13.83
OU2MW-50S	5.0 - 15.0	13.94
OU2MW-50I	25.0 - 30.0	13.85
OU2MW-50I2	45.0 - 50.0	13.88
OU2MW-50D	65.0 - 70.0	13.84
OU2MW-51S	5.0 - 15.0	13.78
OU2MW-51I	25.0 - 30.0	13.72
OU2MW-51I2	45.0 - 50.0	13.78
OU2MW-51D	61.0 - 66.0	13.82
OU2MW-52S	3.0 - 8.0	1.97
OU2MW-52I	20.0 - 25.0	3.99
OU2MW-52D	35.0 - 40.0	1.85
OU2MW-53S	3.0 - 8.0	2.28
OU2MW-53I	20.0 - 25.0	1.47
OU2MW-53D	35.0 - 40.0	1.49
OU2MW-54S	5.0 - 15.0	13.59
OU2MW-54I	25.0 - 30.0	13.59
OU2MW-54I2	40.0 - 45.0	13.59
OU2MW-54D	60.0 - 65.0	13.58
OU2MW-57S	5.0 - 15.0	13.82
OU2MW-57I	20.0 - 30.0	13.54
OU2MW-57I2	35.0 - 45.0	13.98
OU2MW-58S	5.0 - 15.0	13.46
OU2MW-58I	25.0 - 30.0	13.41

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level		
		Minimum	Average	Maximum
BBMW-01S	5.0 - 15.0	11.91	12.94	14.73
BBMW-01I	32.0 - 42.0	11.58	12.84	14.74
BBMW-01D	68.5 - 78.5	11.91	12.91	14.74
BBMW-02S	5.0 - 15.0	10.72	11.84	13.60
BBMW-02I	30.0 - 40.0	10.96	11.86	13.59
BBMW-02D	73.0 - 83.0	10.93	11.85	13.60
BBMW-03S	3.0 - 13.0	7.36	7.97	9.68
BBMW-03I	30.0 - 40.0	7.37	7.97	9.68
BBMW-03D	52.0 - 62.0	7.35	7.98	9.70
BBMW-04D	63.0 - 73.0	10.72	14.07	16.04
BBMW-07S	5.0 - 15.0	4.18	5.74	7.77
BBMW-07I	30.0 - 40.0	5.13	5.75	7.76
BBMW-07D	55.0 - 65.0	5.11	5.75	7.73
BBMW-15S	5.0 - 15.0	9.71	10.58	12.16
BBMW-15I	35.0 - 45.0	9.66	10.50	12.13
BBMW-15I2	23.0 - 28.0	9.66	10.47	12.09
BBMW-15D	70.0 -80.0	9.66	10.48	12.11
BBMW-16S	5.0 - 15.0	9.04	10.13	14.62
BBMW-16I	35.0 - 45.0	6.75	9.96	15.14
BBMW-16D	68.0 - 78.0	9.03	10.03	12.89
BBMW-23S	5.0 - 15.0	10.35	13.18	15.14
BBMW-23I	33.0 - 43.0	10.48	13.17	15.09
BBMW-23D	49.5 - 59.5	10.29	13.21	15.13
BBMW-23D2	63.0 - 73.0	10.31	13.13	15.13
BBMW-24S	4.0 - 14.0	9.41	11.05	12.89
BBMW-24I	32.0 - 42.0	9.44	10.96	12.70
BBMW-24D	59.5 - 69.5	9.44	10.92	12.63
BBMW-25S	4.0 - 14.0	7.23	8.38	10.40
BBMW-25I	25.0 - 35.0	7.25	8.40	10.37
BBMW-25D	62.0 - 72.0	7.18	8.39	10.35
GM-03S	6.78 - 21.78	8.94	9.67	10.83
GM-03I	30.03 - 45.03	8.76	9.54	10.67
GM-03D	53.18 - 68.18	8.86	9.64	10.77
GM-05S	5.1 - 20.1	2.12	3.02	4.57
GM-05I	35.05 - 48.05	2.28	3.19	4.82
GM-05D	60.95 - 75.95	2.91	7.42	9.04
GM-06S	8.97 - 23.97	2.59	3.54	5.56
GM-06I	35.40 - 40.40	2.60	3.57	5.57
GM-06D	60.05 - 75.05	2.71	3.56	5.57
GM-07S	9.75 - 24.75	1.40	2.63	4.41
GM-07I	29.6 - 44.6	1.32	2.61	4.39
GM-07D	50.3 - 65.3	1.52	2.70	4.36
GM-08S	6.35 - 21.35	0.37	1.10	2.81
GM-08I	29.95 - 44.95	0.53	1.09	2.81
GM-08D	48.25 - 63.25	0.26	1.09	2.80
GM-09S	20.0 - 25.0	0.26	0.78	1.63
GM-09I	40.0 - 45.0	0.26	0.78	1.73
GM-09D	48.35 - 63.35	0.02	0.86	1.73
GM-10AD	unknown	1.08	1.81	3.43

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level		
		Minimum	Average	Maximum
GMP-01	25.0 - 30.0	2.97	3.49	5.40
GMP-02	18.0 - 23.0	2.24	2.78	4.76
GMP-04	15.5 - 20.5	0.34	1.29	2.80
MW-16AS	3.0 - 13.0	9.93	10.86	12.48
OU2-IW01S	3.0 - 8.0	0.95	2.85	4.97
OU2MW-01WT	3.0 - 8.0	7.74	8.64	10.29
OU2MW-01S	20.0 - 25.0	7.56	8.41	10.18
OU2MW-01I	35.0 - 40.0	7.56	8.51	10.25
OU2MW-01I2	50.0 - 55.0	7.55	8.37	9.23
OU2MW-01D	65.0 - 70.0	8.12	9.57	11.74
OU2MW-02S	20.0 - 25.0	7.48	8.33	9.99
OU2MW-02I	35.0 - 40.0	7.37	8.33	10.03
OU2MW-02I2	50.0 - 55.0	5.95	8.24	9.99
OU2MW-02D	65.0 - 70.0	7.43	8.47	10.14
OU2MW-03S	20.0 - 25.0	6.12	6.90	8.84
OU2MW-03I	35.0 - 40.0	6.10	6.91	8.86
OU2MW-03I2	50.0 - 55.0	6.05	6.84	8.32
OU2MW-03D	65.0 - 70.0	6.15	8.14	10.63
OU2MW-04WT	3.0 - 8.0	5.79	6.54	8.55
OU2MW-04S	20.0 - 25.0	5.60	6.54	8.37
OU2MW-04I	35.0 - 40.0	5.94	6.59	8.58
OU2MW-04I2	50.0 - 55.0	5.88	6.58	8.55
OU2MW-04D	65.0 - 70.0	5.99	6.59	8.56
OU2MW-05	25.0 - 35.0	-1.05	4.00	6.14
OU2MW-06S	3.0 - 8.0	1.28	2.32	4.07
OU2MW-06	25.0 - 35.0	0.81	2.30	4.11
OU2MW-07S	3.0 - 8.0	1.50	2.14	3.67
OU2MW-07	15.0 - 25.0	1.45	2.07	3.79
OU2MW-08WT	3.0 - 8.0	7.87	8.66	10.26
OU2MW-08S	20.0 - 25.0	7.85	8.66	10.28
OU2MW-08I	35.0 - 40.0	7.87	8.64	10.24
OU2MW-08I2	50.0 - 55.0	7.89	8.70	10.27
OU2MW-08D	65.0 - 70.0	8.31	9.38	11.06
OU2MW-09	20.0 - 30.0	6.96	7.97	9.67
OU2MW-10S	3.0 - 7.0	0.91	2.45	4.52
OU2MW-10I	20.0 - 25.0	1.00	2.47	4.55
OU2MW-10D	35.0 - 40.0	1.03	2.46	4.50
OU2MW-11S	3.0 - 8.0	3.29	3.81	5.83
OU2MW-11I	20.0 - 25.0	3.26	3.81	5.76
OU2MW-11I2	30.0 - 35.0	2.88	3.72	5.75
OU2MW-11D	40.0 - 45.0	3.11	3.73	5.70
OU2MW-12S	3.0 - 7.0	2.63	3.12	5.02
OU2MW-12I	20.0 - 25.0	2.66	3.19	5.18
OU2MW-12I2	30.0 - 35.0	2.61	3.16	5.07
OU2MW-12D	40.0 - 45.0	2.53	3.13	5.04
OU2MW-13S	3.0 - 8.0	1.47	2.19	3.72
OU2MW-13I	20.0 - 25.0	1.54	2.17	3.70
OU2MW-13D	35.0 - 40.0	1.58	2.17	3.68
OU2MW-14S	3.0 - 8.0	7.64	8.36	10.13
OU2MW-14I	20.0 - 25.0	7.83	8.65	10.33
OU2MW-14I2	40.0 - 45.0	7.87	8.69	10.37

Table 3-4. OU-2 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 2

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level		
		Minimum	Average	Maximum
OU2MW-15S	3.0 - 8.0	1.68	2.49	4.58
OU2MW-15I	20.0 - 25.0	1.97	2.56	4.58
OU2MW-15I2	30.0 - 35.0	2.00	2.50	4.56
OU2MW-15D	40.0 - 45.0	-2.49	2.31	4.53
OU2MW-16S	3.0 - 8.0	2.11	2.70	4.73
OU2MW-16I	15.0 - 20.0	2.12	2.64	4.63
OU2MW-16I2	25.0 - 30.0	1.83	2.59	4.66
OU2MW-16D	35.0 - 40.0	2.14	2.70	4.67
OU2MW-17S	5.0 - 10.0	11.98	12.87	13.80
OU2MW-17I	13.0 - 23.0	11.97	12.90	13.68
OU2MW-17I2	35.0 - 45.0	11.99	12.87	13.65
OU2MW-17D	60.0 - 70.0	11.95	12.80	13.58
OU2MW-18I	13.0 - 23.0	11.94	12.91	13.83
OU2MW-18I2	35.0 - 45.0	11.94	12.87	13.79
OU2MW-18D	60.0 - 70.0	11.93	12.86	13.87
OU2MW-39S	5.0 - 15.0	11.16	12.18	13.88
OU2MW-39I	25.0 - 30.0	11.15	12.16	13.86
OU2MW-39I2	45.0 - 50.0	11.16	12.26	15.26
OU2MW-39D	70.0 - 75.0	11.16	12.07	13.85
OU2MW-49S	3.0 - 13.0	12.50	13.43	14.48
OU2MW-49I	25.0 - 30.0	12.87	13.75	14.72
OU2MW-49I2	45.0 - 50.0	12.48	13.13	14.31
OU2MW-49D	63.0 - 68.0	12.48	13.29	14.39
OU2MW-50S	5.0 - 15.0	12.64	13.56	14.40
OU2MW-50I	25.0 - 30.0	12.62	13.48	14.34
OU2MW-50I2	45.0 - 50.0	12.56	13.51	14.30
OU2MW-50D	65.0 - 70.0	12.60	13.55	14.31
OU2MW-51S	5.0 - 15.0	12.80	13.49	14.28
OU2MW-51I	25.0 - 30.0	12.59	13.43	14.10
OU2MW-51I2	45.0 - 50.0	12.58	13.50	14.30
OU2MW-51D	61.0 - 66.0	12.56	13.52	14.61
OU2MW-52S	3.0 - 8.0	0.58	1.88	3.17
OU2MW-52I	20.0 - 25.0	0.27	2.09	3.99
OU2MW-52D	35.0 - 40.0	0.40	1.74	3.35
OU2MW-53S	3.0 - 8.0	0.34	1.65	3.12
OU2MW-53I	20.0 - 25.0	0.36	1.36	2.31
OU2MW-53D	35.0 - 40.0	0.51	1.39	2.86
OU2MW-54S	5.0 - 15.0	12.29	13.16	14.13
OU2MW-54I	25.0 - 30.0	12.22	13.23	14.94
OU2MW-54I2	40.0 - 45.0	12.25	12.98	13.99
OU2MW-54D	60.0 - 65.0	12.26	13.19	14.18
OU2MW-57S	5.0 - 15.0	12.40	13.33	14.94
OU2MW-57I	20.0 - 30.0	12.39	13.17	14.59
OU2MW-57I2	35.0 - 45.0	12.39	13.36	14.79
OU2MW-58S	5.0 - 15.0	12.24	13.22	14.55
OU2MW-58I	25.0 - 30.0	12.20	13.13	14.49

Notes:
NC - Not Calculated
bgs - below ground surface
Well Elevations obtained from 2007 survey or later and reference NAVD88

Table 3-5. OU-3 Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 3

Well ID	Date of Measurement	Time of Measurement	Well Elevation[1] (feet above MSL)	Depth to Water (feet)	Water Elevation (feet above MSL)	Comments
BBMW-09S	4/3/2017	10:42	21.93	6.88	15.05	
BBMW-09I	4/3/2017	10:45	22.01	6.85	15.16	
BBMW-09D	4/3/2017	10:45	22.43	7.31	15.12	
BBMW-28S	4/5/2017	10:56	16.43	1.95	14.48	
BBMW-28I	4/5/2017	10:54	16.43	2.00	14.43	
BBMW-29	4/5/2017	9:21	15.82	3.13	12.69	
BBMW-30S	4/5/2017	9:50	16.02	1.65	14.37	
BBMW-30I	4/5/2017	9:48	15.69	1.29	14.40	
BBMW-30D	4/5/2017	9:51	16.53	2.19	14.34	
BBMW-31S	4/5/2017	8:46	13.49	1.88	11.61	
BBMW-31I	4/5/2017	8:47	13.33	1.74	11.59	
BBMW-31D	4/5/2017	8:48	13.37	1.77	11.60	
BBMW-32S	4/5/2017	8:19	14.44	1.55	12.89	
BBMW-32I	4/5/2017	8:20	15.50	1.64	13.86	
BBMW-32D	4/5/2017	8:21	14.54	1.69	12.85	
BBMW-33	4/5/2017	10:45	16.58	2.53	14.05	
GM-02AS	-	-	20.79	NM	NC	could not locate
GM-02AI	-	-	20.75	NM	NC	could not locate
GM-02AD	-	-	20.74	NM	NC	could not locate
MW-01S	4/3/2017	12:08	19.34	2.94	16.40	
MW-01D	4/3/2017	12:08	19.48	3.08	16.40	
MW-03	-	-	19.30	NM	NC	Not measured
MW-04	4/3/2017	11:30	19.16	3.34	15.82	
MW-29S	4/3/2017	11:50	18.34	2.23	16.11	
MW-29D	4/3/2017	11:50	18.44	2.16	16.28	
MW-30WR	4/5/2017	9:27	14.83	1.53	13.30	
MW-32W/WR	4/5/2017	9:31	14.65	0.84	13.81	
MW-34S	4/4/2017	9:55	15.69	1.05	14.64	
MW-34I	4/4/2017	9:52	15.73	1.25	14.48	
MW-34D	4/4/2017	9:50	15.58	0.98	14.60	
MW-45W	4/5/2017	10:27	15.20	0.90	14.30	
MW-46W-R	4/5/2017	10:34	15.40	1.19	14.21	
MW-64	4/3/2017	14:17	16.03	1.26	14.77	
MW-65	-	-	15.62	NM	NC	Not measured
MW-73	4/3/2017	14:05	15.75	1.08	14.67	
MW-73I	4/3/2017	15:35	16.32	1.64	14.68	
MW-75	4/3/2017	15:10	16.09	1.35	14.74	
MW-75I	4/3/2017	15:10	16.07	1.45	14.62	
MW-76	-	-	15.15	NM	NC	Not measured
MW-78	4/3/2017	15:39	15.04	0.20	14.84	
MW-79	4/4/2017	9:10	15.32	0.05	15.27	
MW-80	4/4/2017	9:12	15.60	0.30	15.30	
MW-81	4/4/2017	9:15	15.47	0.10	15.37	
MW-82	4/4/2017	9:17	15.01	0.30	14.71	
MW-83	-	-	15.02	NM	NC	Not measured
MWBS-02S	4/5/2017	9:07	13.58	1.59	11.99	
MWBS-02I	4/5/2017	9:02	13.46	1.57	11.89	
MWBS-02D	4/5/2017	9:06	13.54	1.65	11.89	
OU3MW-01S	4/5/2017	10:02	15.56	1.03	14.53	
OU3MW-02S	4/5/2017	10:11	15.16	0.87	14.29	
OU3MW-02I	4/5/2017	10:10	15.14	0.87	14.27	
OU3MW-04S	4/4/2017	10:00	14.80	0.63	14.17	
OU3MW-04I	4/4/2017	10:02	14.76	0.05	14.71	
OU3MW-04D	4/4/2017	10:05	14.84	0.95	13.89	
OU3MW-05S	4/4/2017	10:10	15.96	2.09	13.87	
OU3MW-05I	4/4/2017	10:12	15.90	2.08	13.82	
OU3MW-08S	4/3/2017	9:55	21.28	6.03	15.25	
OU3MW-08I	4/3/2017	9:55	21.42	6.28	15.14	
OU3MW-09S	4/3/2017	9:45	21.31	5.98	15.33	
OU3MW-09I	4/3/2017	9:48	21.41	6.32	15.09	
OU3MW-09I2	4/3/2017	9:50	21.24	6.08	15.16	
OU3MW-10S	4/3/2017	10:38	21.70	6.60	15.10	
OU3MW-10I	4/3/2017	10:35	21.70	6.48	15.22	
OU3MW-11S	4/3/2017	10:40	21.64	6.45	15.19	
OU3MW-11I	4/3/2017	10:42	21.62	6.48	15.14	
OU3MW-12S	4/3/2017	10:55	22.05	3.60	18.45	
OU3MW-12I	4/3/2017	10:50	22.07	3.59	18.48	
OU3MW-13S	4/3/2017	14:10	15.51	0.65	14.86	

Table 3-5. OU-3 Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 3

Well ID	Date of Measurement	Time of Measurement	Well Elevation[1] (feet above MSL)	Depth to Water (feet)	Water Elevation (feet above MSL)	Comments
OU3MW-14S	4/3/2017	14:15	15.91	1.08	14.83	
OU3MW-15S	4/3/2017	14:25	15.38	0.65	14.73	
OU3MW-16S	4/3/2017	10:05	21.42	5.65	15.77	
PDMW-01	4/3/2017	11:20	19.29	3.88	15.41	
SV-02	4/3/2017	14:30	17.37	2.28	15.09	
SV-02I	4/3/2017	14:28	17.63	3.05	14.58	
SV-02I2	4/3/2017	14:25	17.49	2.88	14.61	
BBSW-13*	4/5/2017	8:25	13.07	2.56	10.51	Cooper Lane near unnamed pond

Notes:
1 - Well Elevations obtained from 2007 survey or later and reference NAVD88 datum
MSL - Mean Sea Level
NM - Not Measured
NA - Not Applicable
NC - Not Calculated
* - Surface Water Gauging Station

Table 3-6. OU-3 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 3

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Dec-78	Oct-92	Jun-97	Aug-97	Mar-98	Jun-98	Nov-99	Jun-01	Jul-01	Oct-01	Jun-02	Aug-02
BBMW-09S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	14.17	NC	NC	NC	14.84	12.61
BBMW-09I	30.0 - 40.0	NC	NC	NC	NC	NC	NC	14.17	NC	NC	NC	14.82	12.60
BBMW-09D	62.0 - 72.0	NC	NC	NC	NC	NC	NC	14.08	NC	NC	NC	14.78	12.61
BBMW-28S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-28I	10.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-29	2.0 - 9.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-30S	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-30I	14.0 -19.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-30D	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-31S	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-31I	14.0 -19.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-31D	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-32S	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-32I	14.0 -19.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-32D	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-33	7.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
GM-02AS	8.91 - 23.91	10.17	10.19	NC	NC	NC	NC	10.43	NC	NC	NC	10.33	NC
GM-02AI	35.24 - 50.24	10.12	10.21	NC	NC	NC	NC	10.46	NC	NC	NC	10.35	NC
GM-02AD	59.8 - 74.8	10.38	10.42	NC	NC	NC	NC	10.63	NC	NC	NC	10.44	NC
MW-01S	4.0 - 14.0	NC	NC	14.88	NC	NC	NC	NC	15.39	NC	NC	NC	NC
MW-01D	35.0 - 45.0	NC	NC	14.74	NC	NC	NC	NC	15.57	NC	NC	NC	NC
MW-02S/SR	2.0 -12.0	NC	14.67	NC	14.35	16.41	15.77	15.15	15.47	14.42	13.70	15.47	13.02
MW-02I/R	22.5 - 23.5	NC	NC	NC	15.10	16.74	NC	15.46	NC	NC	NC	20.02	NC
MW-03	4.94 - 14.94	NC	NC	15.19	14.34	16.2	15.65	14.8	NC	NC	NC	13.53	13.18
MW-04	5.1 - 15.1	NC	NC	NC	14.09	NC	15.38	14.59	NC	NC	NC	14.85	12.98
MW-16S/SR	2.0 - 10.0	NC	NC	NC	NC	15.32	14.8	13.88	14.34	13.66	13.25	14.98	12.35
MW-16I	14.0 - 19.0	NC	NC	NC	NC	15.66	15.11	14.22	NC	NC	NC	14.92	12.7
MW-29S	5.0 - 10.0	NC	NC	NC	NC	NC	NC	15.12	NC	NC	NC	NC	13.55
MW-29D	14.0 - 19.0	NC	NC	NC	NC	16.52	NC	15.11	NC	NC	NC	NC	13.53
MW-30W	2.0 - 10.0	NC	NC	15.20	14.57	15.89	15.37	NC	NC	NC	NC	NC	NC
MW-30WR	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-32W/WR	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-34S	2.0 - 10.0	NC	NC	13.42	12.76	14.2	13.64	NC	NC	NC	NC	NC	NC
MW-34I	18.5 - 19.5	NC	NC	NC	12.77	14.17	13.66	13.12	NC	NC	NC	13.05	NC
MW-34D	27.5 - 28.5	NC	NC	NC	12.78	14.64	13.68	13.12	NC	NC	NC	13.07	NC
MW-45W	2.0 - 10.0	NC	NC	13.55	12.85	14.34	13.82	NC	NC	NC	NC	NC	NC
MW-46W-R	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-64	19.0 - 24.0	NC	NC	NC	NC	15.4	14.85	13.94	NC	NC	NC	NC	NC
MW-65	11.0 - 16.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-73	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-73I	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-75	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-75I	22.0 - 27.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-76	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-78	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-79	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-80	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-81	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-82	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-83	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-6. OU-3 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 3

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Dec-78	Oct-92	Jun-97	Aug-97	Mar-98	Jun-98	Nov-99	Jun-01	Jul-01	Oct-01	Jun-02	Aug-02
MWBS-02S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MWBS-02I	14.5 - 15.5	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MWBS-02D	24.5 - 25.5	NC	NC	NC	10.39	11.57	11.32	11.00	NC	NC	NC	11.30	NC
OU3MW-01S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-02S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-02I	15.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-04S	1.5 - 11.5	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-04I	16.0 - 21.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-04D	26.0 - 31.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-05S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-05I	15.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-08S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-08I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-09S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-09I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-09I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-10S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-10I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-11S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-11I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-12S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-12I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-13S	20. - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-14S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-15S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-16S	2.0 - 16.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
PDMW-01	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
SV-02	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
SV-02I	22.0 - 27.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
SV-02I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-6. OU-3 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 3

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Nov-02	Mar-03	Jul-03	Sep-03	Oct-03	Jan-04	Apr-04	Aug-04	Oct-04	Feb-05	May-05	Aug-05
BBMW-09S	5.0 - 15.0	14.85	15.27	15.28	14.22	NC	14.65	15.41	14.05	14.48	15.17	14.99	13.79
BBMW-09I	30.0 - 40.0	14.84	15.27	15.25	14.22	NC	14.64	15.39	14.04	14.47	15.16	14.97	13.80
BBMW-09D	62.0 - 72.0	14.81	15.25	15.28	14.22	NC	14.63	16.37	14.04	14.48	15.16	14.99	13.80
BBMW-28S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.31	14.05	12.96
BBMW-28I	10.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.28	14.04	12.94
BBMW-29	2.0 - 9.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	12.41	12.22	11.28
BBMW-30S	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-30I	14.0 -19.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-30D	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-31S	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-31I	14.0 -19.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-31D	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-32S	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-32I	14.0 -19.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-32D	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BBMW-33	7.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
GM-02AS	8.91 - 23.91	NC	11.03	11.03	10.23	NC	10.69	11.86	10.08	10.35	10.94	10.90	9.94
GM-02AI	35.24 - 50.24	NC	NC	NC	10.24	NC	10.74	11.87	10.10	10.37	10.96	10.92	9.96
GM-02AD	59.8 - 74.8	NC	11.32	11.22	10.42	NC	10.97	12.03	10.25	10.59	11.17	11.11	10.06
MW-01S	4.0 - 14.0	13.64	15.89	16.59	16.54	15.93	NC	15.93	17.36	15.33	15.77	16.47	16.38
MW-01D	35.0 - 45.0	13.66	15.88	16.61	16.58	15.64	NC	15.95	17.38	15.37	15.80	16.46	16.40
MW-02S/SR	2.0 -12.0	NC	NC	NC	NC	14.79	14.93	16.47	NC	14.58	15.29	15.09	NC
MW-02I/R	22.5 - 23.5	NC	NC	NC	NC	NC	NC	NC	NC	14.11	NC	NC	NC
MW-03	4.94 - 14.94	15.32	15.98	16.00	15.02	NC	15.31	16.77	14.67	15.18	15.85	15.73	14.49
MW-04	5.1 - 15.1	16.28	19.16	15.84	14.89	NC	NC	16.61	14.57	15.19	15.55	15.55	14.34
MW-16S/SR	2.0 - 10.0	15.04	15.50	15.40	14.35	NC	14.79	16.47	NC	14.14	14.96	15.15	13.52
MW-16I	14.0 - 19.0	14.89	15.32	15.29	14.28	NC	14.71	16.08	NC	14.64	15.25	15.13	NC
MW-29S	5.0 - 10.0	15.69	16.30	16.24	15.35	NC	15.64	17.84	15.09	15.48	16.17	16.02	14.84
MW-29D	14.0 - 19.0	15.68	16.34	NC	15.34	NC	15.65	17.03	15.08	15.48	16.15	16.01	14.83
MW-30W	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-30WR	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	15.30	15.09	14.17
MW-32W/WR	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.57	13.36	12.36
MW-34S	2.0 - 10.0	NC	14.13	14.07	13.01	NC	13.52	14.8	12.97	13.28	14.00	13.73	12.73
MW-34I	18.5 - 19.5	NC	14.08	14.02	12.98	NC	13.48	14.76	12.92	13.25	13.97	13.72	12.74
MW-34D	27.5 - 28.5	NC	14.07	14.03	12.98	NC	13.47	14.8	12.93	13.26	13.97	13.72	12.75
MW-45W	2.0 - 10.0	NC	NC	NC	13.32	NC	13.71	14.87	13.20	13.40	14.13	13.97	12.85
MW-46W-R	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-64	19.0 - 24.0	NC	NC	NC	13.95	NC	14.87	15.77	13.85	14.21	NC	14.73	13.58
MW-65	11.0 - 16.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-73	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-73I	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-75	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-75I	22.0 - 27.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-76	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-78	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-79	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-80	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-81	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-82	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-83	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-6. OU-3 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 3

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Nov-02	Mar-03	Jul-03	Sep-03	Oct-03	Jan-04	Apr-04	Aug-04	Oct-04	Feb-05	May-05	Aug-05
MWBS-02S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	10.77	10.97	11.58	11.44	10.59
MWBS-02I	14.5 - 15.5	NC	NC	NC	NC	NC	NC	NC	10.69	10.91	11.57	11.42	10.55
MWBS-02D	24.5 - 25.5	NC	NC	NC	NC	NC	NC	NC	10.69	10.95	11.45	11.44	10.61
OU3MW-01S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-02S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-02I	15.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-04S	1.5 - 11.5	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-04I	16.0 - 21.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-04D	26.0 - 31.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-05S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-05I	15.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-08S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-08I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-09S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-09I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-09I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-10S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-10I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-11S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-11I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-12S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-12I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-13S	20. - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-14S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-15S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-16S	2.0 - 16.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
PDMW-01	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
SV-02	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
SV-02I	22.0 - 27.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
SV-02I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-6. OU-3 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 3

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Nov-05	Feb-06	May-06	Jul/Aug-06	Nov-06	Jan-07	May-07	Jul/Aug-07	Oct/Nov-07	Jan-08	Apr-08	Aug-08
BBMW-09S	5.0 - 15.0	15.55	15.43	14.93	14.63	15.09	15.02	15.44	14.67	13.75	14.72	15.29	14.12
BBMW-09I	30.0 - 40.0	15.54	15.42	14.92	14.63	15.10	15.02	15.44	14.69	13.76	14.72	15.30	14.11
BBMW-09D	62.0 - 72.0	15.52	15.42	14.93	14.63	15.11	15.01	15.45	14.65	13.74	14.72	15.30	14.12
BBMW-28S	2.0 - 12.0	14.45	14.35	13.97	13.65	14.11	14.07	14.36	13.72	12.89	13.74	14.28	13.23
BBMW-28I	10.0 - 20.0	14.45	14.34	13.96	13.63	14.09	14.06	14.34	13.71	12.88	13.73	14.29	13.22
BBMW-29	2.0 - 9.0	12.53	12.46	12.17	11.80	12.28	12.25	12.53	11.87	11.30	12.03	12.45	11.54
BBMW-30S	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	13.68	12.93	13.71	14.22	13.21
BBMW-30I	14.0 -19.0	NC	NC	NC	NC	NC	NC	NC	13.70	12.92	13.67	14.24	13.21
BBMW-30D	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	13.67	12.91	13.64	14.20	13.16
BBMW-31S	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	10.76	10.51	11.13	11.40	10.46
BBMW-31I	14.0 -19.0	NC	NC	NC	NC	NC	NC	NC	10.77	10.52	11.12	11.40	10.45
BBMW-31D	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	10.77	10.52	11.12	11.42	10.46
BBMW-32S	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	12.15	11.58	12.29	12.72	11.75
BBMW-32I	14.0 -19.0	NC	NC	NC	NC	NC	NC	NC	13.16	12.59	13.30	13.72	12.74
BBMW-32D	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	13.09	11.56	12.26	12.69	11.71
BBMW-33	7.0 - 12.0	NC	NC	NC	13.22	13.72	13.59	13.93	13.24	12.56	13.39	13.85	12.78
GM-02AS	8.91 - 23.91	11.24	11.09	10.83	10.38	10.93	10.94	11.31	10.46	10.10	10.73	11.03	10.06
GM-02AI	35.24 - 50.24	11.26	11.11	10.85	10.40	10.96	10.94	11.33	10.48	10.12	10.76	11.04	10.07
GM-02AD	59.8 - 74.8	11.47	11.36	11.05	10.52	11.16	11.20	11.51	10.61	10.26	11.74	11.27	10.18
MW-01S	4.0 - 14.0	15.08	16.95	16.77	16.28	16.01	16.39	16.37	16.79	16.01	15.93	16.59	15.38
MW-01D	35.0 - 45.0	15.21	16.87	16.79	16.30	16.07	16.40	16.38	16.80	16.00	15.95	16.61	15.41
MW-02S/SR	2.0 -12.0	NC	NC	NC	14.77	15.23	15.13	15.58	14.86	13.87	14.87	15.49	14.23
MW-02I/R	22.5 - 23.5	NC	NC	NC	NC	NC	NC	NC	NC	13.83	14.56	15.29	14.18
MW-03	4.94 - 14.94	16.28	16.15	15.65	15.38	15.79	15.74	16.16	15.38	14.43	15.39	16.02	14.81
MW-04	5.1 - 15.1	16.13	15.90	15.45	15.19	15.56	15.52	15.73	15.14	14.20	15.07	NC	14.58
MW-16S/SR	2.0 - 10.0	15.70	15.6	15.01	14.75	15.29	15.11	15.92	15.03	13.89	14.81	16.14	14.22
MW-16I	14.0 - 19.0	15.56	15.46	14.98	14.7	15.15	15.07	15.66	14.77	13.84	14.93	15.35	14.22
MW-29S	5.0 - 10.0	16.53	16.39	15.91	15.69	16.07	16.00	16.41	15.67	NC	15.66	16.23	15.10
MW-29D	14.0 - 19.0	16.52	16.38	15.91	15.68	16.06	16.00	16.40	15.66	NC	15.63	16.22	15.08
MW-30W	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-30WR	2.0 - 10.0	15.40	15.34	15.03	14.69	15.13	15.10	15.40	14.74	11.83	12.58	13.04	12.07
MW-32W/WR	2.0 - 10.0	13.72	13.6	13.26	12.96	13.41	13.32	13.64	12.99	12.30	13.09	13.56	12.64
MW-34S	2.0 - 10.0	14.12	14.03	13.59	13.35	13.81	13.75	14.07	13.38	NC	13.48	14.00	12.94
MW-34I	18.5 - 19.5	14.12	14.01	13.65	13.35	13.80	13.75	14.07	13.38	NC	13.48	13.98	12.94
MW-34D	27.5 - 28.5	14.13	14.01	13.66	13.35	14.30	13.76	14.08	13.38	NC	13.38	13.98	12.94
MW-45W	2.0 - 10.0	14.26	14.15	13.78	13.49	13.97	13.88	14.22	13.51	12.79	13.56	NC	NC
MW-46W-R	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-64	19.0 - 24.0	15.09	15.07	14.61	14.24	14.75	14.72	14.99	14.35	13.49	14.33	14.95	13.84
MW-65	11.0 - 16.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.88	13.75
MW-73	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-73I	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-75	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-75I	22.0 - 27.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-76	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-78	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-79	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-80	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-81	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-82	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-83	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-6. OU-3 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 3

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Nov-05	Feb-06	May-06	Jul/Aug-06	Nov-06	Jan-07	May-07	Jul/Aug-07	Oct/Nov-07	Jan-08	Apr-08	Aug-08
MWBS-02S	5.0 - 15.0	11.70	11.6	11.38	10.93	11.46	11.47	11.65	11.06	10.67	NC	NC	10.61
MWBS-02I	14.5 - 15.5	11.66	11.6	11.39	10.94	11.45	11.45	11.58	10.99	10.63	NC	NC	10.63
MWBS-02D	24.5 - 25.5	11.73	11.6	11.39	10.88	11.47	11.47	11.28	11.05	10.67	NC	NC	10.65
OU3MW-01S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-02S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-02I	15.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-04S	1.5 - 11.5	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-04I	16.0 - 21.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-04D	26.0 - 31.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-05S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-05I	15.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-08S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-08I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-09S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-09I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-09I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-10S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-10I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-11S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-11I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-12S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-12I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-13S	20. - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-14S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-15S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-16S	2.0 - 16.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
PDMW-01	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
SV-02	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
SV-02I	22.0 - 27.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
SV-02I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-6. OU-3 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 3

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Nov-08	Jan-09	May-09	Jul-09	Oct-09	Jan-10	Apr-10	Jul-10	Oct-10	Jan-11	Apr-11	Jul-11
BBMW-09S	5.0 - 15.0	14.82	14.86	15.22	15.06	14.21	15.29	16.78	14.13	13.68	14.44	14.79	14.35
BBMW-09I	30.0 - 40.0	14.81	14.90	15.23	15.09	14.21	15.30	16.77	14.26	13.79	14.54	14.90	14.45
BBMW-09D	62.0 - 72.0	14.83	14.88	15.24	15.06	14.21	15.28	16.76	14.24	13.74	14.54	14.89	14.46
BBMW-28S	2.0 - 12.0	13.94	13.92	14.30	14.06	13.25	14.30	15.33	13.26	12.96	13.69	13.97	13.54
BBMW-28I	10.0 - 20.0	13.94	13.90	14.29	14.05	13.24	14.38	15.32	13.24	12.93	13.66	13.96	13.52
BBMW-29	2.0 - 9.0	12.21	12.16	12.48	12.27	11.48	12.52	13.51	11.44	11.35	12.02	12.23	11.83
BBMW-30S	2.0 - 10.0	13.90	13.87	14.27	13.99	13.24	14.22	15.10	13.25	12.96	13.66	13.72	13.51
BBMW-30I	14.0 -19.0	13.91	13.86	14.25	13.97	13.21	14.22	15.13	13.24	12.96	13.66	13.65	13.32
BBMW-30D	30.0 - 35.0	13.88	13.83	14.22	13.92	13.19	14.19	15.11	13.22	12.93	13.63	14.13	13.55
BBMW-31S	2.0 - 10.0	11.23	11.20	11.48	11.21	10.43	11.46	12.27	10.40	10.38	11.04	11.09	10.96
BBMW-31I	14.0 -19.0	11.22	11.18	11.38	11.20	10.42	11.45	12.20	10.38	10.37	11.02	10.95	10.88
BBMW-31D	30.0 - 35.0	11.23	11.19	11.38	11.21	10.44	11.45	12.21	10.39	10.38	11.03	11.02	10.84
BBMW-32S	2.0 - 10.0	12.45	12.43	12.74	12.49	11.76	12.76	13.62	11.75	11.61	12.25	12.24	12.07
BBMW-32I	14.0 -19.0	13.45	13.42	13.74	13.50	12.77	13.75	14.66	12.74	12.60	13.21	13.20	13.10
BBMW-32D	30.0 - 35.0	12.42	12.39	12.71	12.47	11.73	12.73	13.63	11.71	11.56	12.19	12.22	12.05
BBMW-33	7.0 - 12.0	13.53	13.48	13.89	13.65	12.84	13.86	14.93	12.81	13.60	NC	13.69	13.35
GM-02AS	8.91 - 23.91	10.85	10.84	10.93	10.86	10.04	11.14	12.21	9.97	9.96	10.61	10.83	10.46
GM-02AI	35.24 - 50.24	10.88	10.85	10.95	10.88	10.05	11.16	12.22	10.00	9.97	10.64	10.86	10.48
GM-02AD	59.8 - 74.8	11.04	11.05	11.36	11.04	10.25	11.37	12.44	10.13	10.16	10.79	11.02	10.60
MW-01S	4.0 - 14.0	16.08	NC	16.53	16.42	15.49	16.62	17.99	15.61	14.98	15.70	16.23	15.75
MW-01D	35.0 - 45.0	16.11	16.27	16.55	16.44	15.52	16.65	18.03	15.65	14.99	15.75	16.25	15.78
MW-02S/SR	2.0 -12.0	14.97	14.98	15.32	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-02I/R	22.5 - 23.5	14.84	14.89	15.24	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-03	4.94 - 14.94	15.49	15.62	15.97	15.81	14.91	16.02	17.58	15.01	14.47	15.23	15.61	15.03
MW-04	5.1 - 15.1	15.27	15.28	NC	15.50	14.82	15.73	NC	14.71	14.18	14.95	15.31	15.04
MW-16S/SR	2.0 - 10.0	14.94	15.00	15.97	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-16I	14.0 - 19.0	14.86	14.94	15.28	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-29S	5.0 - 10.0	15.76	15.88	16.18	16.00	15.14	16.24	17.43	15.29	14.77	15.49	15.84	15.45
MW-29D	14.0 - 19.0	15.75	15.88	16.16	16.00	15.17	16.25	17.44	15.29	14.77	15.47	15.89	15.44
MW-30W	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-30WR	2.0 - 10.0	12.8	12.75	13.14	12.83	12.04	13.10	14.15	12.05	11.95	12.58	12.81	12.45
MW-32W/WR	2.0 - 10.0	13.28	13.21	NC	13.36	12.58	13.61	NC	12.56	NC	NC	13.29	12.95
MW-34S	2.0 - 10.0	13.68	13.64	14.05	13.82	13.00	14.03	15.09	12.98	12.72	13.46	13.71	13.31
MW-34I	18.5 - 19.5	13.66	13.63	14.02	13.80	12.98	13.98	15.06	12.95	12.95	13.42	13.71	13.30
MW-34D	27.5 - 28.5	13.67	13.67	14.02	13.80	12.99	14.00	15.07	12.95	12.68	13.43	13.73	13.27
MW-45W	2.0 - 10.0	13.79	NC	14.16	14.21	13.18	NC	15.16	13.18	12.98	13.60	13.37	13.27
MW-46W-R	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.29
MW-64	19.0 - 24.0	14.52	14.58	14.90	14.65	13.87	14.90	15.75	13.96	13.50	14.21	14.54	14.11
MW-65	11.0 - 16.0	14.46	14.51	14.87	14.60	13.80	14.82	NC	13.80	13.44	14.18	14.52	14.05
MW-73	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	13.41	14.22	14.54	14.04
MW-73I	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-75	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	13.24	14.47	14.69	13.70
MW-75I	22.0 - 27.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-76	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
MW-78	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.23	14.60	14.13
MW-79	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.20	14.54	14.09
MW-80	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	13.48	14.22	14.65	14.09
MW-81	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.21	14.55	14.06
MW-82	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.09	14.63	14.07
MW-83	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.09

Table 3-6. OU-3 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
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Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Nov-08	Jan-09	May-09	Jul-09	Oct-09	Jan-10	Apr-10	Jul-10	Oct-10	Jan-11	Apr-11	Jul-11
MWBS-02S	5.0 - 15.0	11.43	11.38	NC	11.70	10.43	11.65	NC	10.18	NC	11.17	11.32	11.04
MWBS-02I	14.5 - 15.5	11.41	11.34	NC	11.35	10.57	11.66	NC	10.54	NC	11.21	11.39	11.01
MWBS-02D	24.5 - 25.5	11.42	11.22	NC	11.44	10.62	11.49	NC	10.50	NC	11.19	11.35	11.04
OU3MW-01S	3.0 - 13.0	NC	NC	NC	NC	NC	14.35	15.28	13.43	13.14	13.78	14.11	13.69
OU3MW-02S	3.0 - 13.0	NC	NC	NC	NC	13.10	14.10	15.05	13.10	12.88	13.55	13.57	13.13
OU3MW-02I	15.0 - 20.0	NC	NC	NC	NC	13.09	14.03	15.05	13.01	12.81	13.47	13.54	13.07
OU3MW-04S	1.5 - 11.5	NC	NC	NC	NC	12.34	13.39	14.42	12.31	12.17	12.81	13.09	12.79
OU3MW-04I	16.0 - 21.0	NC	NC	NC	NC	12.33	13.37	14.39	12.31	12.15	12.79	13.06	12.73
OU3MW-04D	26.0 - 31.0	NC	NC	NC	NC	12.31	13.36	14.38	12.26	12.09	12.78	13.04	12.70
OU3MW-05S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-05I	15.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-08S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.59	14.89	14.46
OU3MW-08I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.58	14.89	14.48
OU3MW-09S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.64	15.02	14.62
OU3MW-09I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.58	14.94	14.53
OU3MW-09I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-10S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.62	15.02	14.58
OU3MW-10I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.59	14.97	14.55
OU3MW-11S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.54	14.94	14.46
OU3MW-11I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.54	14.91	14.46
OU3MW-12S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.83	15.19	14.76
OU3MW-12I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.84	15.20	14.77
OU3MW-13S	20. - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-14S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-15S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
OU3MW-16S	2.0 - 16.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
PDMW-01	5.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.77
SV-02	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.33	14.67	14.03
SV-02I	22.0 - 27.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
SV-02I2	35.0 - 40.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-6. OU-3 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
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Operable Unit No. 3

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level										
		Oct-11	Jan-12	Apr-12	Apr-13	Apr-14	Apr-15	Jun-16	Apr-17	Minimum	Average	Maximum
BBMW-09S	5.0 - 15.0	14.70	14.23	14.26	NC	15.81	15.02	15.02	15.05	12.61	14.76	16.78
BBMW-09I	30.0 - 40.0	14.81	14.78	14.36	14.52	15.83	15.10	15.10	15.16	12.60	14.79	16.77
BBMW-09D	62.0 - 72.0	14.80	15.14	14.38	14.93	16.20	15.11	15.11	15.12	12.61	14.83	16.76
BBMW-28S	2.0 - 12.0	13.86	13.81	13.51	13.93	14.98	14.15	14.15	14.48	12.89	13.93	15.33
BBMW-28I	10.0 - 20.0	14.13	14.06	13.48	13.86	14.88	13.85	13.85	14.43	12.88	13.91	15.32
BBMW-29	2.0 - 9.0	12.11	13.09	11.85	12.20	13.02	12.47	12.47	12.69	11.28	12.19	13.51
BBMW-30S	2.0 - 10.0	14.02	13.87	13.49	13.85	14.27	14.12	14.12	14.37	12.93	13.82	15.10
BBMW-30I	14.0 -19.0	13.48	13.40	13.48	13.67	13.66	14.14	14.14	14.40	12.92	13.74	15.13
BBMW-30D	30.0 - 35.0	14.24	14.14	13.47	13.83	14.55	13.13	13.13	14.34	12.91	13.77	15.11
BBMW-31S	2.0 - 10.0	11.08	11.13	11.02	11.19	11.79	11.44	11.44	11.61	10.38	11.12	12.27
BBMW-31I	14.0 -19.0	11.13	11.11	10.90	10.97	11.83	11.43	11.43	11.59	10.37	11.09	12.20
BBMW-31D	30.0 - 35.0	11.00	10.97	10.80	11.10	11.67	11.39	11.39	11.60	10.38	11.08	12.21
BBMW-32S	2.0 - 10.0	11.76	12.34	12.10	12.33	13.04	12.70	12.70	12.89	11.58	12.34	13.62
BBMW-32I	14.0 -19.0	13.35	13.38	13.11	13.42	14.05	13.68	13.68	13.86	12.59	13.37	14.66
BBMW-32D	30.0 - 35.0	12.33	12.34	12.18	12.47	13.15	12.69	12.69	12.85	11.56	12.39	13.63
BBMW-33	7.0 - 12.0	13.38	14.26	13.10	13.41	12.68	13.70	13.70	14.05	12.56	13.51	14.93
GM-02AS	8.91 - 23.91	10.99	10.98	10.51	10.87	11.38	11.15	11.15	NC	9.94	10.73	12.21
GM-02AI	35.24 - 50.24	10.73	10.76	10.52	10.89	11.50	11.14	11.14	NC	9.96	10.73	12.22
GM-02AD	59.8 - 74.8	10.84	10.73	10.72	11.06	11.54	11.33	11.33	NC	10.06	10.94	12.44
MW-01S	4.0 - 14.0	16.07	16.04	15.66	16.16	16.74	16.45	16.45	16.40	13.64	16.09	17.99
MW-01D	35.0 - 45.0	16.11	16.13	15.69	16.16	16.78	16.46	16.46	16.40	13.66	16.11	18.03
MW-02S/SR	2.0 -12.0	NC	NC	NC	NC	NC	NC	NC	NC	13.02	14.96	16.47
MW-02I/R	22.5 - 23.5	NC	NC	NC	NC	NC	NC	NC	NC	13.83	15.36	20.02
MW-03	4.94 - 14.94	15.44	15.46	15.05	15.52	16.21	15.85	15.85	NC	13.18	15.44	17.58
MW-04	5.1 - 15.1	15.19	15.17	14.78	15.17	15.85	15.54	15.54	15.82	12.98	15.28	19.16
MW-16S/SR	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	12.35	14.83	16.47
MW-16I	14.0 - 19.0	NC	NC	NC	NC	NC	NC	NC	NC	12.70	14.93	16.08
MW-29S	5.0 - 10.0	15.50	15.76	15.40	15.82	17.14	16.09	16.09	16.11	13.55	15.83	17.84
MW-29D	14.0 - 19.0	15.80	15.82	15.36	15.86	16.84	16.44	16.44	16.28	13.53	15.83	17.44
MW-30W	2.0 - 10.0	NC	NC	NC	NC	NC	NC	NC	NC	14.57	15.26	15.89
MW-30WR	2.0 - 10.0	12.70	12.12	12.44	12.73	13.43	13.04	13.04	13.30	11.83	13.44	15.40
MW-32W/WR	2.0 - 10.0	13.22	11.91	12.91	13.26	14.05	13.55	13.55	13.81	11.91	13.19	14.05
MW-34S	2.0 - 10.0	13.69	13.62	13.28	13.66	14.59	13.98	13.98	14.64	12.72	13.68	15.09
MW-34I	18.5 - 19.5	13.58	13.65	13.25	13.65	14.66	13.93	13.93	14.48	12.74	13.65	15.06
MW-34D	27.5 - 28.5	13.49	13.58	13.26	13.64	14.49	13.97	13.97	14.60	12.68	13.66	15.07
MW-45W	2.0 - 10.0	13.62	13.42	13.50	13.66	14.20	14.01	14.01	14.30	12.79	13.73	15.16
MW-46W-R	2.0 - 10.0	13.60	13.47	13.26	13.43	14.40	13.95	13.95	14.21	13.26	13.73	14.40
MW-64	19.0 - 24.0	14.44	14.39	14.06	14.46	15.33	14.74	14.74	14.77	13.49	14.52	15.77
MW-65	11.0 - 16.0	13.88	14.38	14.06	14.48	15.52	14.75	14.75	NC	13.44	14.38	15.52
MW-73	2.0 - 12.0	14.35	14.42	14.03	14.28	15.15	15.69	15.69	14.67	13.41	14.54	15.69
MW-73I	2.0 - 12.0	14.38	14.33	14.01	14.32	14.57	15.13	15.13	14.68	14.01	14.57	15.13
MW-75	2.0 - 12.0	14.43	14.39	14.01	14.96	15.29	14.75	14.75	14.74	13.24	14.45	15.29
MW-75I	22.0 - 27.0	14.35	14.28	13.95	15.07	15.37	14.58	14.58	14.62	13.95	14.60	15.37
MW-76	2.0 - 12.0	NC	NC	13.92	14.37	14.85	14.73	14.73	NC	13.92	14.52	14.85
MW-78	5.0 - 20.0	14.44	14.42	14.08	14.54	14.94	15.02	15.02	14.84	14.08	14.57	15.02
MW-79	5.0 - 20.0	14.43	14.39	14.04	14.46	14.92	14.72	14.72	15.27	14.04	14.53	15.27
MW-80	5.0 - 20.0	14.37	14.40	14.09	14.43	15.50	14.70	14.70	15.30	13.48	14.49	15.50
MW-81	5.0 - 20.0	13.47	14.36	14.03	14.43	15.17	14.82	14.82	15.37	13.47	14.48	15.37
MW-82	5.0 - 20.0	14.51	14.40	14.07	14.40	14.81	14.61	14.61	14.71	14.07	14.45	14.81
MW-83	5.0 - 20.0	14.45	14.33	14.07	14.58	14.72	14.84	14.84	NC	14.07	14.49	14.84

Table 3-6. OU-3 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 3

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level										
		Oct-11	Jan-12	Apr-12	Apr-13	Apr-14	Apr-15	Jun-16	Apr-17	Minimum	Average	Maximum
MWBS-02S	5.0 - 15.0	11.45	11.41	10.91	11.27	12.28	11.68	11.68	11.99	10.18	11.28	12.28
MWBS-02I	14.5 - 15.5	11.29	11.34	11.15	11.68	11.46	11.65	11.65	11.89	10.54	11.25	11.89
MWBS-02D	24.5 - 25.5	11.20	11.41	10.83	11.64	12.14	11.56	11.56	11.89	10.39	11.23	12.14
OU3MW-01S	3.0 - 13.0	14.49	14.04	NC	NC	14.06	14.34	14.34	14.53	13.14	14.12	15.28
OU3MW-02S	3.0 - 13.0	13.91	13.83	13.44	13.76	14.56	14.04	14.04	14.29	12.88	13.77	15.05
OU3MW-02I	15.0 - 20.0	13.34	13.40	13.33	13.67	14.64	13.96	13.96	14.27	12.81	13.67	15.05
OU3MW-04S	1.5 - 11.5	12.96	12.93	12.65	13.00	13.90	13.35	13.35	14.18	12.17	13.10	14.42
OU3MW-04I	16.0 - 21.0	12.86	12.92	12.63	12.97	13.76	13.27	13.27	14.71	12.15	13.10	14.71
OU3MW-04D	26.0 - 31.0	12.89	12.93	12.61	12.97	13.64	13.24	13.24	13.89	12.09	13.02	14.38
OU3MW-05S	2.0 - 12.0	NC	12.03	12.71	13.09	13.82	13.37	13.37	13.87	12.03	13.18	13.87
OU3MW-05I	15.0 - 20.0	NC	11.95	12.67	13.08	13.90	13.36	13.36	13.82	11.95	13.16	13.90
OU3MW-08S	2.0 - 12.0	14.68	14.78	14.42	14.80	15.67	15.08	15.08	15.25	14.42	14.88	15.67
OU3MW-08I	25.0 - 30.0	14.97	14.78	14.44	14.80	15.69	15.10	15.10	15.14	14.44	14.91	15.69
OU3MW-09S	2.0 - 12.0	15.00	15.01	14.58	14.91	16.10	15.33	15.33	15.33	14.58	15.08	16.10
OU3MW-09I	25.0 - 30.0	14.90	14.89	14.47	14.99	15.90	15.15	15.15	15.09	14.47	14.96	15.90
OU3MW-09I2	35.0 - 40.0	14.87	14.85	14.43	14.72	15.86	15.15	15.15	15.16	14.43	15.02	15.86
OU3MW-10S	2.0 - 12.0	14.99	14.98	14.56	14.82	15.99	15.32	15.32	15.10	14.56	15.03	15.99
OU3MW-10I	25.0 - 30.0	14.93	14.89	14.49	14.90	15.95	15.20	15.20	15.22	14.49	14.99	15.95
OU3MW-11S	2.0 - 12.0	14.83	14.81	14.40	14.84	16.03	15.14	15.14	15.19	14.40	14.94	16.03
OU3MW-11I	25.0 - 30.0	14.81	14.75	14.39	14.77	15.89	15.11	15.11	15.14	14.39	14.90	15.89
OU3MW-12S	2.0 - 12.0	15.11	15.09	14.66	15.05	16.67	15.41	15.41	18.45	14.66	15.51	18.45
OU3MW-12I	25.0 - 30.0	NC	17.82	17.47	14.73	16.66	15.14	15.14	18.48	14.73	16.03	18.48
OU3MW-13S	20. - 12.0	13.63	14.36	14.07	14.44	15.41	14.78	14.78	14.86	13.63	14.54	15.41
OU3MW-14S	2.0 - 12.0	NC	14.36	14.00	14.40	15.21	14.75	14.75	14.83	14.00	14.61	15.21
OU3MW-15S	2.0 - 12.0	14.38	14.34	14.01	14.59	15.08	14.73	14.73	14.73	14.01	14.57	15.08
OU3MW-16S	2.0 - 16.0	14.81	14.80	14.39	14.90	15.73	15.14	15.14	15.77	14.39	15.09	15.77
PDMW-01	5.0 - 20.0	15.17	15.33	14.71	15.22	15.95	15.42	15.42	15.41	14.71	15.27	15.95
SV-02	2.0 - 12.0	14.97	14.53	14.17	14.77	15.52	14.94	14.94	15.09	14.03	14.72	15.52
SV-02I	22.0 - 27.0	14.31	14.20	13.88	16.22	15.53	14.73	14.73	14.58	13.88	14.77	16.22
SV-02I2	35.0 - 40.0	14.26	14.21	13.90	15.86	15.34	14.42	14.42	14.61	13.90	14.63	15.86

Notes:
NC - Not Calculated
bgs - below ground surface
Well Elevations obtained from 2007 survey or later and reference NAVD88 datum.

Table 3-7. OU-4 Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 4

Well ID	Date of Measurement	Time of Measurement	Well Elevation[1] (feet above MSL)	Depth to Water (feet)	Water Elevation (feet above MSL)	Comments
WCMW-02S	4/5/2017	9:20	15.34	1.93	13.41	
WCMW-02I	4/5/2017	9:22	15.23	1.69	13.54	
WCMW-02D	4/5/2017	9:25	15.15	1.83	13.32	
WCMW-04S	4/4/2017	12:02	19.27	4.86	14.41	
WCMW-04I	4/4/2017	12:00	19.21	4.88	14.33	
WCMW-04I2	4/4/2017	11:58	19.16	4.95	14.21	
WCMW-05S	4/4/2017	12:10	18.46	4.00	14.46	
WCMW-05I	4/4/2017	12:12	18.27	3.92	14.35	
WCMW-05I2	4/4/2017	12:15	18.39	3.95	14.44	
WCMW-06S	4/4/2017	14:00	17.13	3.23	13.90	
WCMW-06I	4/4/2017	14:10	17.30	3.22	14.08	
WCMW-06I2	4/4/2017	14:05	17.43	3.21	14.22	
WCMW-07S	4/5/2017	9:25	NS	1.46	NC	
WCMW-07I	4/5/2017	9:30	NS	1.31	NC	
WCMW-07I2	4/5/2017	9:32	NS	2.64	NC	
WCMW-08S	4/5/2017	9:55	17.64	2.67	14.97	
WCMW-08I	4/5/2017	9:58	17.72	2.67	15.05	
WCMW-08I2	4/5/2017	10:00	17.76	2.74	15.02	
WCMW-09S	-	-	18.02	NM	NC	Abandoned
WCMW-10S	-	-	17.44	NM	NC	not measured
WCMW-10D	-	-	17.36	NM	NC	not measured
WCMW-11S	-	-	18.87	NM	NC	not measured
WCMW-11I	-	-	19.18	NM	NC	not measured
WCMW-11D	-	-	19.02	NM	NC	not measured
WCMW-12S	4/5/2017	8:50	16.88	3.29	13.59	
WCMW-12I	4/5/2017	8:52	17.19	3.60	13.59	
WCMW-12D	4/5/2017	8:55	17.15	3.63	13.52	
WCMW-13S	4/5/2017	8:58	15.11	1.78	13.33	
WCMW-13I	4/5/2017	9:00	15.41	1.97	13.44	
WCMW-13D	4/5/2017	9:02	15.38	1.86	13.52	
WCMW-14S	4/4/2017	13:50	16.97	2.92	14.05	
WCMW-14I	4/4/2017	13:45	16.98	2.92	14.06	
WCMW-14I2	4/4/2017	13:48	17.01	2.92	14.09	
WCMW-14D	4/4/2017	13:52	17.04	2.62	14.42	
WCMW-18WT	4/5/2017	10:30	17.00	2.32	14.68	
WCMW-18S	4/5/2017	10:35	17.20	2.47	14.73	
WCMW-18I	4/5/2017	10:40	17.22	2.50	14.72	
WCMW-18I2	4/4/2017	11:15	17.22	2.41	14.81	
WCMW-19S	-	-	16.68	NM	NC	Abandoned
WCMW-19I	-	-	16.92	NM	NC	Abandoned
WCMW-19I2	-	-	16.64	NM	NC	Abandoned
WCMW-22S	-	-	18.66	NM	NC	not measured
WCMW-22I	-	-	18.36	NM	NC	not measured
WCMW-23S	-	-	19.13	NM	NC	not measured
WCMW-23I	-	-	19.06	NM	NC	not measured
WCMW-25I	4/5/2017	10:50	18.65	4.59	14.06	
WCMW-25D	4/5/2017	10:55	18.61	4.55	14.06	
WCMW-26S	-	-	20.08	NM	NC	not measured
WCMW-26I	-	-	20.73	NM	NC	not measured
WCMW-26I2	-	-	20.98	NM	NC	not measured
WCMW-29S	-	-	18.08	NM	NC	not measured
WCMW-29I	-	-	18.09	NM	NC	not measured
BBSW-14*	4/5/2017		15.05	3.11	11.94	Watchogue Creek at Union Blvd.

Notes:

1 - Well Elevations obtained from 2007 survey or later and reference NAVD88 datum
MSL - Mean Sea Level
NS - Survey Data Not Available
NM - Not Measured
NC - Not Calculated
-- not analyzed or not applicable
* - Surface Water Gauging Station

Table 3-8. OU-4 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 4

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Nov-99	Jun-02	Nov-02	Mar-03	Jul-03	Sep-03	Jan-04	Apr-04	Jun-04	Oct-04	Feb-05	May-05
WCMW-02S	3.0 - 13.0	NC	12.96	13.12	13.53	13.45	12.92	13.09	14.00	12.66	13.03	14.07	13.44
WCMW-02I	34.5 - 44.5	NC	12.86	13.03	13.43	13.34	12.86	13.01	13.96	12.56	12.95	13.52	13.41
WCMW-02D	62.0 - 72.0	NC	12.92	13.10	13.64	13.44	12.90	12.75	14.01	12.61	12.98	13.46	13.55
WCMW-04S	1.5 - 11.5	NC	NC	13.97	14.50	14.36	13.70	NC	15.06	13.39	13.83	14.46	14.32
WCMW-04I	19.0 - 24.0	NC	NC	13.94	14.49	14.36	13.70	NC	15.00	13.41	13.83	14.47	14.33
WCMW-04I2	29.85 - 34.85	NC	NC	14.05	14.58	14.43	13.79	NC	15.07	13.48	13.88	14.55	14.45
WCMW-05S	1.4 - 11.4	NC	NC	14.20	14.68	14.46	13.82	NC	15.05	13.48	13.97	14.66	14.39
WCMW-05I	19.61 - 24.61	NC	NC	13.98	14.51	14.40	13.76	NC	14.99	13.44	13.89	14.52	14.37
WCMW-05I2	29.46 - 34.46	NC	NC	14.02	14.54	14.43	13.81	NC	15.02	13.48	13.92	14.57	14.41
WCMW-06S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-06I	19.55 - 24.55	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-06I2	29.83 - 34.83	NC	NC	13.86	14.33	14.21	13.60	NC	14.79	13.27	13.74	14.39	14.22
WCMW-07S	2.76 - 12.76	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-07I	18.9 - 23.9	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-07I2	28.95 - 33.95	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-08S	4.2 - 9.2	NC	NC	14.55	15.14	15.02	14.32	14.57	15.59	14.00	14.45	15.11	15.01
WCMW-08I	19.2 - 24.2	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-08I2	26.9 - 31.9	NC	NC	14.55	15.13	15.05	14.33	14.59	15.61	14.03	14.47	15.14	15.03
WCMW-09S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-10S	15.0 - 20.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-10D	40.0 - 50.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-11S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-11I	25.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-11D	50.0 - 60.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-12S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-12I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-12D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-13S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-13I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-13D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-14S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-14I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-14I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-14D	67.0 - 72.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-18WT	2.0 - 7.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-18S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-18I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-18I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-19S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-19I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-19I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-8. OU-4 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 4

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Nov-99	Jun-02	Nov-02	Mar-03	Jul-03	Sep-03	Jan-04	Apr-04	Jun-04	Oct-04	Feb-05	May-05
WCMW-22S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-22I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-23S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-23I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-25I	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-25D	55.0 - 60.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-26S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-26I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-26I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-29S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-29I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-8. OU-4 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 4

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Aug-05	Nov-05	Feb-06	May-06	Jul/Aug-06	Nov-06	Jan-07	May-07	Jul/Aug-07	Oct/Nov-07	Jan-08	May-08
WCMW-02S	3.0 - 13.0	12.25	13.69	13.53	13.22	12.95	13.39	13.35	13.60	12.95	12.35	13.07	13.54
WCMW-02I	34.5 - 44.5	12.28	13.75	13.61	13.28	12.98	13.43	13.41	13.67	12.98	12.34	13.11	13.62
WCMW-02D	62.0 - 72.0	12.34	13.84	13.64	13.32	12.98	13.47	13.44	13.70	13.02	12.39	13.16	13.65
WCMW-04S	1.5 - 11.5	13.10	14.73	14.59	14.23	13.90	14.36	14.33	14.58	13.83	13.18	13.97	14.57
WCMW-04I	19.0 - 24.0	13.10	14.73	14.59	14.23	13.90	14.36	14.35	14.59	13.84	13.20	14.02	14.59
WCMW-04I2	29.85 - 34.85	13.21	14.83	14.64	14.32	13.99	14.45	14.43	14.70	13.94	13.29	14.12	14.67
WCMW-05S	1.4 - 11.4	13.18	14.85	14.70	14.31	13.99	14.48	14.43	14.67	13.92	13.25	14.14	14.64
WCMW-05I	19.61 - 24.61	13.16	14.81	14.65	14.29	13.97	14.42	14.40	14.66	13.92	13.27	14.07	14.62
WCMW-05I2	29.46 - 34.46	13.17	14.84	14.68	14.33	13.98	14.46	14.44	14.70	13.95	13.31	14.08	14.66
WCMW-06S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.03	13.83	14.38
WCMW-06I	19.55 - 24.55	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.02	13.82	14.36
WCMW-06I2	29.83 - 34.83	12.98	14.62	NC	14.12	NC	NC	14.25	14.45	13.69	13.07	13.83	14.39
WCMW-07S	2.76 - 12.76	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-07I	18.9 - 23.9	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-07I2	28.95 - 33.95	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-08S	4.2 - 9.2	13.73	15.43	15.26	14.92	14.58	14.99	15.01	15.29	14.52	13.82	14.64	15.26
WCMW-08I	19.2 - 24.2	NC	NC	NC	NC	14.60	15.03	15.03	15.28	14.51	13.85	14.66	15.27
WCMW-08I2	26.9 - 31.9	13.77	15.44	15.27	14.92	14.59	15.02	15.02	15.28	14.52	13.82	14.74	15.25
WCMW-09S	5.0 - 15.0	NC	NC	15.05	14.71	14.39	14.81	14.82	15.08	14.32	13.64	14.45	15.04
WCMW-10S	15.0 - 20.0	NC	NC	NC	NC	NC	NC	14.57	17.44	NC	13.47	14.18	14.80
WCMW-10D	40.0 - 50.0	NC	NC	14.82	14.46	14.14	NC	14.57	17.36	NC	13.42	14.18	14.80
WCMW-11S	5.0 - 15.0	NC	NC	15.84	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-11I	25.0 - 35.0	NC	NC	15.84	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-11D	50.0 - 60.0	NC	NC	15.81	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-12S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.77
WCMW-12I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.76
WCMW-12D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.78
WCMW-13S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.59
WCMW-13I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.68
WCMW-13D	65.0 - 70.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.71
WCMW-14S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.57
WCMW-14I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.53
WCMW-14I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.53
WCMW-14D	67.0 - 72.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	14.56
WCMW-18WT	2.0 - 7.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-18S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-18I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-18I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-19S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-19I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-19I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-8. OU-4 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 4

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Aug-05	Nov-05	Feb-06	May-06	Jul/Aug-06	Nov-06	Jan-07	May-07	Jul/Aug-07	Oct/Nov-07	Jan-08	May-08
WCMW-22S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-22I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-23S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-23I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-25I	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-25D	55.0 - 60.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-26S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-26I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-26I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-29S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-29I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 3-8. OU-4 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 4

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Aug-08	Nov-08	Jan-09	May-09	Jul-09	Oct-09	Jan-10	Apr-10	Jul-10	Oct-10	Jan-11	Apr-11
WCMW-02S	3.0 - 13.0	12.59	13.24	13.31	13.63	13.53	12.88	13.63	14.50	12.73	12.57	13.09	13.14
WCMW-02I	34.5 - 44.5	12.64	13.25	13.25	13.60	13.59	12.92	13.71	14.56	12.75	12.59	13.18	13.16
WCMW-02D	62.0 - 72.0	12.93	13.30	13.38	13.56	13.62	12.95	13.70	14.64	12.78	12.62	13.20	13.26
WCMW-04S	1.5 - 11.5	13.49	14.17	14.26	14.58	14.56	13.82	14.66	15.67	13.86	13.35	13.97	13.98
WCMW-04I	19.0 - 24.0	13.64	14.16	14.30	14.55	14.55	13.79	14.63	15.63	13.62	13.33	13.91	13.92
WCMW-04I2	29.85 - 34.85	13.45	14.26	14.39	14.62	14.63	13.95	14.66	15.60	13.70	13.37	13.87	13.89
WCMW-05S	1.4 - 11.4	13.59	14.32	14.40	14.66	14.62	13.97	14.66	15.57	13.91	13.43	14.01	14.53
WCMW-05I	19.61 - 24.61	13.57	14.23	14.36	14.61	14.65	13.89	14.62	15.60	13.68	13.42	14.01	14.42
WCMW-05I2	29.46 - 34.46	13.65	14.28	14.40	14.62	14.67	13.92	14.68	15.67	13.74	13.47	14.04	14.60
WCMW-06S	2.0 - 12.0	13.40	14.01	14.18	14.07	14.35	13.60	14.38	14.76	14.39	13.24	13.77	13.71
WCMW-06I	19.55 - 24.55	13.31	13.99	14.07	14.04	14.34	13.65	14.42	14.91	14.50	13.20	13.72	13.74
WCMW-06I2	29.83 - 34.83	13.37	14.02	14.11	14.17	14.38	13.68	14.48	14.99	14.55	13.26	13.80	13.87
WCMW-07S	2.76 - 12.76	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-07I	18.9 - 23.9	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-07I2	28.95 - 33.95	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
WCMW-08S	4.2 - 9.2	14.14	14.78	14.99	15.21	15.20	14.43	15.24	16.16	14.31	13.89	14.52	14.54
WCMW-08I	19.2 - 24.2	14.13	14.80	15.01	15.24	15.21	14.47	15.27	16.19	14.33	13.93	14.55	14.48
WCMW-08I2	26.9 - 31.9	14.11	14.79	14.99	15.22	15.23	14.44	15.28	16.20	14.35	13.92	14.56	14.55
WCMW-09S	5.0 - 15.0	13.94	14.60	14.75	15.03	15.03	14.30	15.08	15.98	14.13	13.73	14.34	14.64
WCMW-10S	15.0 - 20.0	13.69	14.37	14.53	14.78	14.72	14.05	14.78	15.76	13.88	13.64	14.13	14.14
WCMW-10D	40.0 - 50.0	13.74	14.37	13.52	14.78	14.71	13.99	14.82	15.76	13.89	13.47	14.16	14.11
WCMW-11S	5.0 - 15.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.43	9.06	14.13
WCMW-11I	25.0 - 35.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.64	14.07	14.74
WCMW-11D	50.0 - 60.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.31	14.06	14.44
WCMW-12S	3.0 - 13.0	12.82	13.42	13.46	13.75	13.73	13.07	13.83	13.43	12.92	12.71	13.18	13.15
WCMW-12I	25.0 - 30.0	12.82	13.43	13.46	13.70	13.73	13.05	13.79	13.77	12.93	12.71	13.25	13.23
WCMW-12D	65.0 - 70.0	12.81	13.44	13.49	13.77	13.74	13.06	13.84	13.78	12.96	12.76	13.25	13.26
WCMW-13S	3.0 - 13.0	12.71	13.30	13.37	13.56	13.66	12.95	13.62	14.10	12.81	12.64	NC	11.35
WCMW-13I	25.0 - 30.0	12.74	13.33	13.41	13.62	13.60	12.97	13.69	14.46	12.95	12.75	NC	11.72
WCMW-13D	65.0 - 70.0	12.92	13.37	13.47	13.68	13.66	13.01	13.73	14.47	12.89	12.70	NC	11.68
WCMW-14S	2.0 - 12.0	13.80	14.20	14.34	14.49	14.24	12.84	14.30	15.30	13.39	13.17	13.71	13.73
WCMW-14I	20.0 - 25.0	13.50	14.15	14.25	14.33	14.52	13.79	14.19	14.82	13.60	13.38	14.03	14.01
WCMW-14I2	30.0 - 35.0	13.18	14.16	14.28	14.41	14.52	13.83	14.55	14.83	13.61	13.41	14.03	13.64
WCMW-14D	67.0 - 72.0	12.42	14.20	14.43	14.45	14.65	13.91	14.78	15.37	13.79	13.54	13.93	14.36
WCMW-18WT	2.0 - 7.0	NC	NC	NC	NC	15.18	14.51	15.10	15.95	14.22	13.61	14.40	14.34
WCMW-18S	2.0 - 12.0	NC	NC	NC	NC	15.13	14.43	15.10	16.05	14.22	13.83	14.45	14.49
WCMW-18I	20.0 - 25.0	NC	NC	NC	NC	15.17	14.43	15.11	16.06	14.21	13.81	14.48	14.48
WCMW-18I2	30.0 - 35.0	NC	NC	NC	NC	15.17	14.42	15.04	16.03	14.19	13.80	14.44	14.44
WCMW-19S	2.0 - 12.0	NC	NC	NC	NC	NC	14.71	15.56	16.63	14.62	14.15	14.81	14.79
WCMW-19I	20.0 - 25.0	NC	NC	NC	NC	NC	14.69	15.43	16.53	14.61	14.13	14.80	14.92
WCMW-19I2	30.0 - 35.0	NC	NC	NC	NC	NC	14.65	15.48	16.54	14.59	14.13	14.78	14.84

Table 3-8. OU-4 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 4

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Aug-08	Nov-08	Jan-09	May-09	Jul-09	Oct-09	Jan-10	Apr-10	Jul-10	Oct-10	Jan-11	Apr-11
WCMW-22S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	14.86	15.90	NC	13.52	14.42	14.48
WCMW-22I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	14.78	15.76	NC	13.47	13.84	14.47
WCMW-23S	3.0 - 13.0	NC	NC	NC	NC	NC	NC	NC	15.62	NC	13.25	NC	NC
WCMW-23I	25.0 - 30.0	NC	NC	NC	NC	NC	NC	NC	15.64	NC	13.23	NC	NC
WCMW-25I	30.0 - 35.0	NC	NC	NC	NC	NC	NC	14.34	15.10	13.41	13.11	13.69	14.07
WCMW-25D	55.0 - 60.0	NC	NC	NC	NC	NC	NC	14.16	15.07	13.34	13.04	13.66	14.07
WCMW-26S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	16.27	17.37	NC	15.00	15.64	15.98
WCMW-26I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	16.83	17.91	NC	15.57	16.19	16.54
WCMW-26I2	30.0 - 35.0	NC	NC	NC	NC	NC	NC	17.13	18.16	NC	15.79	16.48	16.79
WCMW-29S	2.0 - 12.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.64	14.24	14.23
WCMW-29I	20.0 - 25.0	NC	NC	NC	NC	NC	NC	NC	NC	NC	13.58	14.18	14.20

Table 3-8. OU-4 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 4

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Jul-11	Oct-11	Jan-12	Apr-12	Apr-13	Apr-14	Apr-15	Jun-16	Apr-17	Minimum	Average	Maximum
WCMW-02S	3.0 - 13.0	12.87	12.71	13.32	15.34	13.04	13.44	13.30	13.30	13.41	12.25	13.27	15.34
WCMW-02I	34.5 - 44.5	12.82	12.64	13.24	15.23	13.07	12.98	13.51	13.51	13.54	12.28	13.25	15.23
WCMW-02D	62.0 - 72.0	12.86	12.85	13.40	15.15	13.28	12.79	13.27	13.27	13.32	12.34	13.28	15.15
WCMW-04S	1.5 - 11.5	13.89	14.71	14.16	19.27	14.08	14.07	14.33	14.33	14.41	13.10	14.30	19.27
WCMW-04I	19.0 - 24.0	13.80	14.60	13.99	19.21	14.00	13.86	14.29	14.29	14.33	13.10	14.27	19.21
WCMW-04I2	29.85 - 34.85	13.79	14.20	14.07	19.16	14.11	13.91	14.40	14.40	14.21	13.21	14.32	19.16
WCMW-05S	1.4 - 11.4	14.02	14.21	14.30	18.46	13.16	16.01	14.40	14.40	14.46	13.16	14.39	18.46
WCMW-05I	19.61 - 24.61	14.16	13.88	14.07	18.27	14.04	15.76	14.31	14.31	14.35	13.16	14.34	18.27
WCMW-05I2	29.46 - 34.46	14.43	14.01	14.07	18.39	14.04	15.63	14.34	14.34	12.44	12.44	14.34	18.39
WCMW-06S	2.0 - 12.0	NC	8.08	NC	17.13	13.59	14.27	13.87	13.87	13.90	8.08	13.81	17.13
WCMW-06I	19.55 - 24.55	13.59	8.19	NC	17.30	13.70	14.09	13.94	13.94	14.08	8.19	13.82	17.30
WCMW-06I2	29.83 - 34.83	13.59	8.36	NC	17.43	13.82	13.98	14.12	14.12	14.22	8.36	13.95	17.43
WCMW-07S	2.76 - 12.76	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.00	0.00	0.00
WCMW-07I	18.9 - 23.9	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.00	0.00	0.00
WCMW-07I2	28.95 - 33.95	NC	NC	NC	NC	NC	NC	NC	NC	NC	0.00	0.00	0.00
WCMW-08S	4.2 - 9.2	13.37	14.64	14.58	17.64	14.74	14.96	15.04	15.04	14.97	13.37	14.83	17.64
WCMW-08I	19.2 - 24.2	13.37	14.71	14.68	17.72	14.75	15.17	15.02	15.02	15.05	13.37	14.87	17.72
WCMW-08I2	26.9 - 31.9	13.44	14.67	14.73	17.76	14.77	15.16	15.00	15.00	15.02	13.44	14.85	17.76
WCMW-09S	5.0 - 15.0	NC	14.93	NC	NC	NC	NC	NC	NC	NC	13.64	14.64	15.98
WCMW-10S	15.0 - 20.0	14.07	13.81	14.14	17.44	14.23	13.88	14.44	14.44	NC	13.47	14.54	17.44
WCMW-10D	40.0 - 50.0	14.04	13.89	14.15	17.36	14.07	13.63	14.44	14.44	NC	13.42	14.47	17.36
WCMW-11S	5.0 - 15.0	NC	13.96	14.09	18.87	14.16	14.56	14.42	14.42	NC	9.06	14.27	18.87
WCMW-11I	25.0 - 35.0	NC	14.29	14.11	19.18	14.34	14.73	14.42	14.42	NC	13.64	14.89	19.18
WCMW-11D	50.0 - 60.0	NC	14.22	14.10	19.02	14.01	14.47	14.41	14.41	NC	13.31	14.75	19.02
WCMW-12S	3.0 - 13.0	12.91	13.06	12.91	16.88	13.27	12.90	13.54	13.54	13.59	12.71	13.45	16.88
WCMW-12I	25.0 - 30.0	12.97	13.32	13.27	17.19	13.25	12.98	13.56	13.56	13.59	12.71	13.51	17.19
WCMW-12D	65.0 - 70.0	12.99	13.16	13.30	17.15	13.23	13.14	13.54	13.54	13.52	12.76	13.52	17.15
WCMW-13S	3.0 - 13.0	11.17	13.22	13.19	15.11	12.55	12.56	13.26	13.26	13.33	11.17	13.11	15.11
WCMW-13I	25.0 - 30.0	11.52	13.40	13.38	15.41	13.11	12.90	13.37	13.37	13.44	11.52	13.28	15.41
WCMW-13D	65.0 - 70.0	11.45	13.23	13.23	15.38	13.20	12.97	13.48	13.48	13.52	11.45	13.30	15.38
WCMW-14S	2.0 - 12.0	13.54	12.00	NC	16.97	13.66	13.16	13.95	13.95	14.05	12.00	13.97	16.97
WCMW-14I	20.0 - 25.0	13.76	11.93	NC	16.98	13.69	12.92	13.95	13.95	14.06	11.93	14.02	16.98
WCMW-14I2	30.0 - 35.0	13.74	11.93	NC	17.01	13.67	12.78	13.97	13.97	14.09	11.93	14.01	17.01
WCMW-14D	67.0 - 72.0	13.83	12.54	NC	17.04	13.89	13.75	14.36	14.36	14.42	12.42	14.22	17.04
WCMW-18WT	2.0 - 7.0	NC	14.17	14.49	17.00	14.55	14.07	14.73	14.73	14.68	13.61	14.73	17.00
WCMW-18S	2.0 - 12.0	NC	14.41	14.49	17.20	14.49	14.97	14.71	14.71	14.73	13.83	14.84	17.20
WCMW-18I	20.0 - 25.0	NC	14.51	14.50	17.22	14.46	14.87	14.74	14.74	14.72	13.81	14.84	17.22
WCMW-18I2	30.0 - 35.0	NC	14.47	14.49	17.22	14.46	14.41	14.72	14.72	14.81	13.80	14.80	17.22
WCMW-19S	2.0 - 12.0	14.59	14.77	14.80	16.68	14.77	15.23	15.01	15.01	NC	14.15	15.08	16.68
WCMW-19I	20.0 - 25.0	14.58	15.04	14.81	16.92	14.82	15.42	15.11	15.11	NC	14.13	15.13	16.92
WCMW-19I2	30.0 - 35.0	14.56	14.78	14.83	16.64	14.76	14.74	15.07	15.07	NC	14.13	15.03	16.64

Table 3-8. OU-4 Historical Water Level Measurements and Calculated Groundwater Elevations
Bay Shore/Brightwaters Former MGP Site
2016/2017 Annual GM and OM&M Report
Operable Unit No. 4

Well ID	Screen Interval (feet bgs)	Groundwater Elevations in Feet Above Mean Sea Level											
		Jul-11	Oct-11	Jan-12	Apr-12	Apr-13	Apr-14	Apr-15	Jun-16	Apr-17	Minimum	Average	Maximum
WCMW-22S	2.0 - 12.0	14.00	NC	NC	NC	NC	NC	NC	NC	NC	13.52	14.53	15.90
WCMW-22I	25.0 - 30.0	13.95	NC	NC	NC	NC	NC	14.42	14.42	NC	13.47	14.39	15.76
WCMW-23S	3.0 - 13.0	13.72	13.34	NC	NC	NC	NC	NC	NC	NC	13.25	13.98	15.62
WCMW-23I	25.0 - 30.0	13.73	13.36	NC	NC	NC	NC	NC	NC	NC	13.23	13.99	15.64
WCMW-25I	30.0 - 35.0	13.73	13.66	13.79	18.65	9.67	14.40	14.09	14.09	14.06	9.67	13.99	18.65
WCMW-25D	55.0 - 60.0	13.72	13.60	13.79	18.61	9.62	14.10	14.07	14.07	14.06	9.62	13.93	18.61
WCMW-26S	2.0 - 12.0	15.50	15.76	15.70	20.08	15.72	16.15	15.95	15.95	NC	15.00	16.24	20.08
WCMW-26I	20.0 - 25.0	16.06	16.22	16.22	20.73	16.33	16.52	16.48	16.48	NC	15.57	16.78	20.73
WCMW-26I2	30.0 - 35.0	16.31	16.61	16.45	20.98	16.55	16.96	16.71	16.71	NC	15.79	17.05	20.98
WCMW-29S	2.0 - 12.0	13.99	14.09	14.25	18.08	14.30	14.74	14.46	14.46	NC	13.64	14.59	18.08
WCMW-29I	20.0 - 25.0	14.01	14.06	14.24	18.09	14.34	14.69	14.51	14.51	NC	13.58	14.58	18.09

Notes:
NC - Not Calculated
bgs - below ground surface
Well Elevations obtained from 2007 survey or later and reference NAVD 88 datum.

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2002			2003			2004		
		Sep	Sep	Oct/Nov	Apr/May	Jun/Jul	Nov/Dec	Feb/Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug
BBMW-05D	64.0 - 74.0	--	--	1,523	943	--	0	600	--	--	1,890	--	--
BBMW-05D2/D2R	126.5 - 136.5	--	--	--	16	0	--	--	--	--	--	--	--
BBMW-13D	62.0 - 72.0	--	--	0	0	--	--	--	--	--	0	--	--
BBMW-20S	4.0 - 14.0	--	--	--	15,140	--	6,190	11,700	--	--	10,876	--	10,120
BBMW-20I	35.0 - 45.0	--	--	--	40	--	193	170	--	--	110	--	142
BBMW-20D	62.0 - 72.0	--	--	--	3,505	--	9,639	--	--	--	--	--	--
BBMW-22S	5.0 - 10.0	--	--	--	13,610	--	25,800	6,030	20,000	25,200	12,960	13,800	21,300
BBMW-22I	30.0 - 40.0	--	--	--	36	--	25	22	--	28	13	--	--
BBMW-22D	64.0 - 74.0	--	--	--	8,600	--	5,028	6,297	--	--	2,370	--	--
BBMW-26S	6.0 - 16.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-26I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-27S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-27I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35D	63.0 -68.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-36S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-36I	25.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-37S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40D	70.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41S	6.0 - 16.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-42S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-42I	15.0-25.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2002			2003			2004		
		Sep	Sep	Oct/Nov	Apr/May	Jun/Jul	Nov/Dec	Feb/Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug
BBMW-42I2	35.0-45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43I	15.0-25.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43I2	35.0-45.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-51	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-52	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-53	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-54	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-55	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-56	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-57	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-58	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-03S	3.0 - 13.0	361	15	19	26	--	--	--	45	20	0	0	33
MW-03D	35.0 - 45.0	0	0	0	0	--	--	--	--	--	0	--	--
MW-05S	4.0 - 14.0	17,180	27,000	20,430	24,320	--	34,290	46,300	--	--	21,660	--	--
MW-05D	35.5 - 45.5	253	15	39	3	--	0	17	--	--	0	--	--
MW-09S	4.0 - 14.0	0	--	29	--	0	0	0	--	--	0	--	--
MW-09I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-09D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-101	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-102	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-103	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-104	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-105	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49D	63.0 - 68.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51D	61.0 - 66.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2002			2003			2004		
		Sep	Sep	Oct/Nov	Apr/May	Jun/Jul	Nov/Dec	Feb/Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug
OU2MW-57S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17D	53.0 - 63.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22S/22SR	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I/22IR	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004	2005				2006				2007		
		Nov/Dec	Feb/Mar	Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct
BBMW-05D	64.0 - 74.0	--	680	--	--	--	890	1,267	3,150	553	1,597	613	21
BBMW-05D2/D2R	126.5 - 136.5	--	--	--	--	--	0	--	--	--	--	--	--
BBMW-13D	62.0 - 72.0	--	0	--	--	--	0	--	--	--	0	0	0
BBMW-20S	4.0 - 14.0	--	--	--	--	5,655	--	--	19,133	12,900	173	4,144	2,677
BBMW-20I	35.0 - 45.0	--	--	--	--	104	--	--	165	125	105	0	29
BBMW-20D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	1,540	1,800	1,359
BBMW-22S	5.0 - 10.0	14,500	11,670	16,900	9,200	--	12,370	10,300	--	--	10,850	10,420	14,810
BBMW-22I	30.0 - 40.0	--	16	--	--	--	16	--	--	--	0	43	37
BBMW-22D	64.0 - 74.0	--	1,650	--	--	--	1,020	--	--	--	1,558	1,580	2,807
BBMW-26S	6.0 - 16.0	--	0	--	--	--	0	--	--	--	0	0	0
BBMW-26I	30.0 - 40.0	--	0	--	--	--	0	--	--	--	0	0	0
BBMW-27S	5.0 - 15.0	--	0	--	--	--	0	--	--	--	0	0	0
BBMW-27I	30.0 - 40.0	--	0	--	--	--	0	--	--	--	0	0	0
BBMW-34S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35D	63.0 -68.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-36S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-36I	25.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-37S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40D	70.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41S	6.0 - 16.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-42S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-42I	15.0-25.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004	2005				2006				2007		
		Nov/Dec	Feb/Mar	Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct
BBMW-42I2	35.0-45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43I	15.0-25.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43I2	35.0-45.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-51	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-52	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-53	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-54	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-55	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-56	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-57	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-58	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-03S	3.0 - 13.0	35	--	180	34	0	132	31	250	10	0	111	116
MW-03D	35.0 - 45.0	--	--	--	--	--	0	--	--	--	0	0	0
MW-05S	4.0 - 14.0	--	24,395	--	--	--	14,197	17,327	18,100	24,600	48,430	15,905	12,929
MW-05D	35.5 - 45.5	--	0	--	--	--	12	0	0	0	0	18	22
MW-09S	4.0 - 14.0	0	--	--	--	--	0	--	--	--	0	0	0
MW-09I	30.0 - 40.0	--	--	--	--	--	0	--	--	--	0	0	2
MW-09I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-09D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-101	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-102	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-103	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-104	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-105	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49D	63.0 - 68.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51D	61.0 - 66.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004	2005				2006				2007		
		Nov/Dec	Feb/Mar	Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct
OU2MW-57S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17D	53.0 - 63.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22S/22SR	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I/22IR	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007	2008				2009				2010		
		Oct-Dec	Jan-Mar	Apr-Jul	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-05D	64.0 - 74.0	399	717	727	790	1,414	482	880	1,016	1,029	933	893	850
BBMW-05D2/D2R	126.5 - 136.5	--	0	--	--	--	7	--	--	--	--	--	0
BBMW-13D	62.0 - 72.0	0	0	--	--	--	0	--	--	--	0	2	0
BBMW-20S	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20I	35.0 - 45.0	13	8	5	6	8	8	3	5	10	12	10	3
BBMW-20D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22S	5.0 - 10.0	7,150	5,816	7,340	9,140	10,770	10,730	7,820	9,600	10,010	9,920	9,280	7,350
BBMW-22I	30.0 - 40.0	32	31	32	38	42	43	111	199	170	164	257	218
BBMW-22D	64.0 - 74.0	3,126	2,356	3,126	4,810	2,835	2,314	4,329	4,010	1,692	921	1,893	1,972
BBMW-26S	6.0 - 16.0	0	0	--	--	--	0	--	--	--	0	--	--
BBMW-26I	30.0 - 40.0	--	0	--	--	--	8	--	--	--	0	--	--
BBMW-27S	5.0 - 15.0	0	0	0	0	0	0	0	1	0	0	0	0
BBMW-27I	30.0 - 40.0	--	0	--	--	--	0	0	--	--	0	--	--
BBMW-34S	5.0 - 15.0	--	--	--	--	--	--	--	749	885	634	696	843
BBMW-34I	25.0 - 30.0	--	--	--	--	--	--	--	3,109	3,547	2,360	2,714	3,757
BBMW-34I2	40.0 - 45.0	--	--	--	--	--	--	--	196	192	174	219	229
BBMW-34D	65.0 - 70.0	--	--	--	--	--	--	--	8	0	0	0	0
BBMW-35S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35D	63.0 -68.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-36S	5.0 - 15.0	0	0	0	0	0	0	0	--	7	8	24	7
BBMW-36I	25.0 - 30.0	0	0	0	0	0	0	0	--	0	0	0	0
BBMW-37S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5.0 - 15.0	--	--	--	--	--	--	--	49	9	3	4	186
BBMW-38I	25.0 - 30.0	--	--	--	--	--	--	--	9	7	10	6	9
BBMW-38I2	40.0 - 45.0	--	--	--	--	--	--	--	7	8	7	6	6
BBMW-38D	65.0 - 70.0	--	--	--	--	--	--	--	0	0	0	0	0
BBMW-39S	5.0 - 15.0	--	--	--	--	--	--	--	9,755	5,970	8,580	3,341	5,362
BBMW-39I	25.0 - 30.0	--	--	--	--	--	--	--	0	0	0	210	0
BBMW-39I2	45.0 - 50.0	--	--	--	--	--	--	--	0	0	0	0	0
BBMW-39D	65.0 - 70.0	--	--	--	--	--	--	--	1	0	0	0	0
BBMW-40S	5.0 - 15.0	--	--	--	--	--	--	--	5,069	5,987	1	10	6,390
BBMW-40I	25.0 - 30.0	--	--	--	--	--	--	--	5	12	26	12	0
BBMW-40I2	45.0 - 50.0	--	--	--	--	--	--	--	0	0	3	0	0
BBMW-40D	70.0 - 75.0	--	--	--	--	--	--	--	37	19	4	0	1
BBMW-41S	6.0 - 16.0	--	--	--	--	--	--	--	6,819	2,192	4,407	3,773	3,099
BBMW-41I	25.0 - 30.0	--	--	--	--	--	--	--	0	0	0	0	0
BBMW-41I2	45.0 - 50.0	--	--	--	--	--	--	--	2	1	0	0	0
BBMW-41D	65.0 - 70.0	--	--	--	--	--	--	--	0	0	0	0	0
BBMW-42S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-42I	15.0-25.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007	2008				2009				2010		
		Oct-Dec	Jan-Mar	Apr-Jul	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-42I2	35.0-45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43I	15.0-25.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43I2	35.0-45.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-51	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-52	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-53	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-54	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-55	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-56	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-57	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-58	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-03S	3.0 - 13.0	18	30	5	--	--	34	28	--	--	30	7	20
MW-03D	35.0 - 45.0	0	0	--	--	--	0	0	--	--	0	0	0
MW-05S	4.0 - 14.0	18,130	15,095	8,060	14,554	2,304	9,600	2,655	7,891	9,341	7,150	1,311	3,333
MW-05D	35.5 - 45.5	0	0	0	7	5	26	29	22	15	7	14	25
MW-09S	4.0 - 14.0	0	0	0	0	0	0	0	0	0	0	0	0
MW-09I	30.0 - 40.0	--	4	--	--	--	0	--	--	--	0	0	4
MW-09I2	45.0 - 50.0	--	--	--	--	--	--	--	0	0	0	0	0
MW-09D	65.0 - 70.0	--	--	--	--	--	--	--	0	0	0	0	0
OU1PZ-101	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-102	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-103	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-104	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-105	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3.0 - 13.0	--	--	--	--	--	--	8	6	0	0	0	0
OU2MW-48I	25.0 - 30.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-48I2	45.0 - 50.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-48D	65.0 - 70.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-49S	3.0 - 13.0	--	--	--	--	--	--	0	0	1	0	0	0
OU2MW-49I	25.0 - 30.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-49I2	45.0 - 50.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-49D	63.0 - 68.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-50S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51D	61.0 - 66.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007	2008				2009				2010		
		Oct-Dec	Jan-Mar	Apr-Jul	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OU2MW-57S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	2,082	308
OU2MW-57I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	4,716	71
OU2MW-57I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	0	0
OZMW-16S	5.0 - 15.0	--	4,685	0	0	0	0	0	0	0	0	0	0
OZMW-16I	20.0 - 30.0	--	512	105	136	189	441	775	585	37	0	0	0
OZMW-16I2	35.0 - 45.0	--	3	4	8	2	12	92	686	468	464	558	855
OZMW-16D	55.0 - 65.0	--	0	0	0	0	0	0	0	0	0	0	0
OZMW-17S	5.0 - 15.0	--	1,664	78	52	25	141	17	337	35	0	0	0
OZMW-17I	20.0 - 30.0	--	1,316	82	23	40	74	42	67	9	0	0	0
OZMW-17I2	35.0 - 45.0	--	0	0	0	0	0	36	8	14	35	0	0
OZMW-17D	53.0 - 63.0	--	0	0	0	0	0	0	0	4	15	0	1
OZMW-18S	5.0 - 15.0	--	3,160	54	212	24	244	0	5	1	0	0	0
OZMW-18I	20.0 - 30.0	--	3,600	169	25	84	178	149	449	0	0	0	0
OZMW-18I2	35.0 - 45.0	--	201	95	57	123	129	50	104	63	7	5	1
OZMW-18D	55.0 - 65.0	--	77	31	79	147	216	94	389	612	384	424	186
OZMW-19S	5.0 - 15.0	--	--	--	--	--	--	--	--	391	0	86	73
OZMW-19I	20.0 - 30.0	--	--	--	--	--	--	--	--	1,143	992	973	914
OZMW-19I2	35.0 - 45.0	--	--	--	--	--	--	--	--	827	1,105	1,332	1,111
OZMW-19D	55.0 - 65.0	--	--	--	--	--	--	--	--	76	14	0	49
OZMW-21S	5.0 - 15.0	--	--	--	--	--	--	--	--	8,270	4,406	5,400	6,960
OZMW-21I	20.0 - 30.0	--	--	--	--	--	--	--	--	428	542	342	446
OZMW-21I2	35.0 - 45.0	--	--	--	--	--	--	--	--	145	134	115	177
OZMW-21D	55.0 - 65.0	--	--	--	--	--	--	--	--	10	6	14	12
OZMW-22S/22SR	5.0 - 15.0	--	7,077	7,480	7,381	6,074	11,947	5,605	6,942	4,305	--	3,477	4,121
OZMW-22I/22IR	20.0 - 30.0	--	0	0	0	0	607	43	17	8	--	564	214
OZMW-22I2	35.0 - 45.0	--	--	--	--	0	2	0	0	0	--	--	--
OZMW-22D	55.0 - 65.0	--	--	--	--	0	0	0	0	0	--	--	--
OZMW-23S	5.0 - 15.0	--	--	--	--	--	--	--	--	3	0	0	0
OZMW-23I	20.0 - 30.0	--	--	--	--	--	--	--	--	8	0	0	0
OZMW-23I2	35.0 - 45.0	--	--	--	--	--	--	--	--	11	1	0	0
OZMW-23D	55.0 - 65.0	--	--	--	--	--	--	--	--	20	33	24	0
OZMW-24S	5.0 - 15.0	--	--	--	--	--	--	--	--	25	13	13	5
OZMW-24I	20.0 - 30.0	--	--	--	--	--	--	--	--	22	0	0	0
OZMW-24I2	35.0 - 45.0	--	--	--	--	--	--	--	--	140	143	191	143
OZMW-24D	55.0 - 65.0	--	--	--	--	--	--	--	--	1,595	1,387	1,164	721
OZMW-25S	5.0 - 15.0	--	--	--	--	--	--	1,691	1,724	2,883	3,070	2,365	2,226
OZMW-25I	20.0 - 30.0	--	--	--	--	--	--	198	248	257	310	291	355
OZMW-25I2	35.0 - 45.0	--	--	--	--	--	--	91	177	158	141	196	306
OZMW-25D	55.0 - 65.0	--	--	--	--	--	--	0	0	0	0	0	0
OZMW-26S	5.0 - 15.0	--	--	--	--	--	--	--	--	44	18	5	24
OZMW-26I	20.0 - 30.0	--	--	--	--	--	--	--	--	9	0	0	0
OZMW-26I2	35.0 - 45.0	--	--	--	--	--	--	--	--	393	159	48	100
OZMW-26D	55.0 - 65.0	--	--	--	--	--	--	--	--	0	0	0	0

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010	2011		2011		2012				2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-05D	64.0 - 74.0	884	1,211	1,041	14	4	99	929	839	866	1,326	914	628
BBMW-05D2/D2R	126.5 - 136.5	0	0	14	0	0	5	0	0	--	--	--	--
BBMW-13D	62.0 - 72.0	0	0	--	--	--	0	--	--	--	--	--	--
BBMW-20S	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20I	35.0 - 45.0	1	27	114	6	10	6	10	8	0	5	2	19
BBMW-20D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22S	5.0 - 10.0	5,860	10,540	9,110	2,834	8,720	8,669	7,586	8,096	7,511	5,962	6898	6864
BBMW-22I	30.0 - 40.0	251	270	231	256	279	171	340	223	124	213	385	125
BBMW-22D	64.0 - 74.0	1,781	2,102	1,842	501	1,962	1,221	1,702	1,671	1,132	1,230	1271	--
BBMW-26S	6.0 - 16.0	--	0	--	--	--	0	--	--	--	--	--	--
BBMW-26I	30.0 - 40.0	--	0	--	--	--	0	--	--	--	--	--	--
BBMW-27S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-27I	30.0 - 40.0	--	0	--	--	--	0	--	--	--	--	--	--
BBMW-34S	5.0 - 15.0	534	587	586	413	626	554	322	244	266	100	374	218
BBMW-34I	25.0 - 30.0	3,177	2,272	1,894	1,544	1,239	2,158	1,105	1,290	1,248	1,202	1081	1233
BBMW-34I2	40.0 - 45.0	283	171	154	135	82	101	102	44	43	39	44	--
BBMW-34D	65.0 - 70.0	0	0	14	0	0	3	5	0	0	0	0	--
BBMW-35S	5.0 - 15.0	--	0	0	0	0	0	0	0	--	--	0	--
BBMW-35I	25.0 - 30.0	--	0	0	0	0	0	0	0	--	--	0	--
BBMW-35I2	45.0 - 50.0	--	0	0	0	0	0	0	0	--	--	0	--
BBMW-35D	63.0 -68.0	--	0	2	0	0	0	0	0	--	--	0	--
BBMW-36S	5.0 - 15.0	6	6	0	6	0	7	6	3	--	--	8	--
BBMW-36I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-37S	5.0 - 10.0	--	--	--	--	271	251	257	--	244	202	75	16
BBMW-37I	20.0 - 30.0	--	--	--	--	1,082	1,208	1,657	--	991	709	773	702
BBMW-37I2	35.0 - 45.0	--	--	--	--	412	341	352	--	216	267	189	249
BBMW-37D	55.0 - 65.0	--	--	--	--	8	0	0	--	0	0	0	--
BBMW-38S	5.0 - 15.0	432	1	5	187	9	4	5	4	303	162	497	394
BBMW-38I	25.0 - 30.0	3	4	12	3	5	4	2	2	3	3	7	--
BBMW-38I2	40.0 - 45.0	4	11	6	4	11	8	7	0	0	6	7	--
BBMW-38D	65.0 - 70.0	0	0	0	0	12	0	0	0	0	0	0	--
BBMW-39S	5.0 - 15.0	5,720	3,615	3,430	3,365	10,700	11,900	2,503	9,250	5,253	6,120	3528	10110
BBMW-39I	25.0 - 30.0	0	2	0	1	35	0	12	0	0	0	199	356
BBMW-39I2	45.0 - 50.0	0	0	0	0	5	0	0	0	0	0	0	0
BBMW-39D	65.0 - 70.0	0	28	0	2	1	23	0	0	0	0	0	--
BBMW-40S	5.0 - 15.0	3,589	170	119	2,797	0	0	0	68	1,012	2,016	3035	1815
BBMW-40I	25.0 - 30.0	1	11	2	67	7	1	23	1	0	6	2	0
BBMW-40I2	45.0 - 50.0	0	0	15	0	622	2,478	2,302	2,425	0	0	0	0
BBMW-40D	70.0 - 75.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-41S	6.0 - 16.0	1,856	2,819	11,320	5,325	4,689	4,410	4,015	6,915	5,520	6,216	8730	9437
BBMW-41I	25.0 - 30.0	0	0	56	348	0	0	202	315	0	0	0	25
BBMW-41I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-41D	65.0 - 70.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-42S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	76	48	28
BBMW-42I	15.0-25.0	--	--	--	--	--	--	--	--	--	516	778	315

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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010	2011		2011		2012				2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-42I2	35.0-45.0	--	--	--	--	--	--	--	--	--	407	332	334
BBMW-43S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-43I	15.0-25.0	--	--	--	--	--	--	--	--	--	446	40	284
BBMW-43I2	35.0-45.0	--	--	--	--	--	--	--	--	--	1	0	0
IP-51	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-52	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-53	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-54	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-55	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-56	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-57	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-58	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-03S	3.0 - 13.0	12	4	15	1	29	16	9	23	4	5	15	24
MW-03D	35.0 - 45.0	--	0	--	--		0	--	--	--	--	--	--
MW-05S	4.0 - 14.0	6,653	8,398	5,165	4,901	7,344	5,832	6,736	3,214	5,117	4,014	4714	2078
MW-05D	35.5 - 45.5	15	17	343	457	19	14	11	10	154	8	260	13
MW-09S	4.0 - 14.0	0	0	0	0	0	0	0	0	--	--	0	--
MW-09I	30.0 - 40.0	--	0	--	--	--	0	--	--	--	--	--	--
MW-09I2	45.0 - 50.0	--	0	--	--	--	0	--	--	--	--	--	--
MW-09D	65.0 - 70.0	--	0	--	--	--	0	--	--	--	--	--	--
OU1PZ-101	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-102	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-103	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-104	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-105	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3.0 - 13.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-48I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-48I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-48D	65.0 - 70.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-49S	3.0 - 13.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-49I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-49I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-49D	63.0 - 68.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-50S	5.0 - 15.0	--	274	239	0	0	39	10	0	0	0	0	0
OU2MW-50I	25.0 - 30.0	--	1	0	1	0	0	0	0	0	0	4	0
OU2MW-50I2	45.0 - 50.0	--	0	2	0	0	0	0	0	0	0	0	0
OU2MW-50D	65.0 - 70.0	--	0	0	0	0	0	0	0	0	0	0	0
OU2MW-51S	5.0 - 15.0	--	7	6	7	9	6	2	2	4	0	0	--
OU2MW-51I	25.0 - 30.0	--	0	0	0	0	0	0	0	--	--	0	--
OU2MW-51I2	45.0 - 50.0	--	3	0	0	0	0	0	0	--	--	0	--
OU2MW-51D	61.0 - 66.0	--	0	0	0	0	0	0	0	--	--	0	--

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010	2011		2011		2012				2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OU2MW-57S	5.0 - 15.0	310	242	322	98	174	97	94	82	50	20	26	21
OU2MW-57I	20.0 - 30.0	44	32	114	0	0	28	4	4	0	0	0	0
OU2MW-57I2	35.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-16S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-16I	20.0 - 30.0	44	8	1	18	0	1	157	4	3	0	0	0
OZMW-16I2	35.0 - 45.0	634	683	671	603	88	466	553	53	282	18	166	3
OZMW-16D	55.0 - 65.0	0	0	0	0	0	0	0	0	3	0	0	0
OZMW-17S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-17I	20.0 - 30.0	0	0	0	0	0	0	0	0	2	0	0	0
OZMW-17I2	35.0 - 45.0	0	5	0	0	0	0	0	0	0	0	0	0
OZMW-17D	53.0 - 63.0	0	0	0	0	23	15	0	302	295	445	101	71
OZMW-18S	5.0 - 15.0	0	0	0	0	0	0	0	0	2	0	0	0
OZMW-18I	20.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	221
OZMW-18I2	35.0 - 45.0	6	0	0	0	4	7	1	24	0	6	0	0
OZMW-18D	55.0 - 65.0	222	273	158	218	204	274	201	434	203	351	126	0
OZMW-19S	5.0 - 15.0	493	698	137	4	41	1,792	947	113	146	228	618	321
OZMW-19I	20.0 - 30.0	689	664	670	606	413	647	535	297	451	501	441	460
OZMW-19I2	35.0 - 45.0	924	697	608	1,188	353	528	1,016	519	368	685	574	323
OZMW-19D	55.0 - 65.0	17	17	20	9	68	0	0	46	22	17	0	0
OZMW-21S	5.0 - 15.0	6,730	6,730	7,540	2,903	5,420	5,330	4,283	6,110	6,384	2,122	5471	--
OZMW-21I	20.0 - 30.0	465	418	407	459	365	453	431	399	366	326	309	--
OZMW-21I2	35.0 - 45.0	153	175	112	190	175	102	105	380	145	82	57	96
OZMW-21D	55.0 - 65.0	3	5	4	10	7	0	0	0	0	0	1	--
OZMW-22S/22SR	5.0 - 15.0	1,075	1,251	435	614	405	469	263	417	42	225	167	73
OZMW-22I/22IR	20.0 - 30.0	24	15	0	23	216	191	68	28	72	34	23	2
OZMW-22I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	13	0	0
OZMW-23I	20.0 - 30.0	0	0	0	0	0	1	0	0	0	6	0	0
OZMW-23I2	35.0 - 45.0	0	2	0	0	0	0	0	0	0	0	0	0
OZMW-23D	55.0 - 65.0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-24S	5.0 - 15.0	4	6	0	1	2	0	1	4	0	4	0	0
OZMW-24I	20.0 - 30.0	0	0	0	0	0	24	4	0	0	6	0	0
OZMW-24I2	35.0 - 45.0	129	158	131	111	674	220	176	181	137	249	194	106
OZMW-24D	55.0 - 65.0	876	1,525	1,394	1,215	1,034	984	946	1,023	809	946	930	583
OZMW-25S	5.0 - 15.0	1,145	1,015	2,444	774	1,180	1,468	711	2,278	765	0	1893	818
OZMW-25I	20.0 - 30.0	340	285	409	370	416	477	441	265	299	529	427	420
OZMW-25I2	35.0 - 45.0	149	100	152	239	37	41	104	90	24	26	91	232
OZMW-25D	55.0 - 65.0	0	0	17	0	0	0	0	8	0	11	0	9
OZMW-26S	5.0 - 15.0	11	5	0	0	0	0	0	9	--	--	0	--
OZMW-26I	20.0 - 30.0	0	0	0	7	9	29	79	34	76	1	7	0
OZMW-26I2	35.0 - 45.0	200	155	26	47	89	35	5	47	27	12	0	2
OZMW-26D	55.0 - 65.0	0	0	1	0	1	0	0	0	--	--	0	--

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)														
		Sampling Date														
		2013	2014				2015				2016				2017	
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
BBMW-05D	64.0 - 74.0	941	1059	1235	949	970	1271	1140	1143	1232	1999	1852	1475	2249.5	1657	814.8
BBMW-05D2/D2R	126.5 - 136.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-13D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20S	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20I	35.0 - 45.0	0	0	91	187	2	7	3	217	2	0	0	3	0	0	1.03
BBMW-20D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22S	5.0 - 10.0	7644	5506	7430	4501	5040	4069	5141	4960	4276	5907	7065	3974	4739.8	3672	2860.4
BBMW-22I	30.0 - 40.0	186	176	160	225	241	206	168	198	286	335	309	212	335.3	321	167.5
BBMW-22D	64.0 - 74.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-26S	6.0 - 16.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-26I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-27S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-27I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34S	5.0 - 15.0	139	165	90	116	243	101	170	174	155	365	118.3	68	97.3	221.8	36.81
BBMW-34I	25.0 - 30.0	946	672	1247	884	908	960	1060	973	949	1277	998.9	916	1063.3	966.4	735.9
BBMW-34I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65.0 - 70.0	--	--	0	--	0	0	0	3	9	--	0	0	0	0	0
BBMW-35S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35D	63.0 -68.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-36S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	0	--	--	--	0
BBMW-36I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37S	5.0 - 10.0	137	7	4	26	89	6	2	17	18	4	11	44	18.1	3.2	1.6
BBMW-37I	20.0 - 30.0	3922	103	42	413	115	0	0	64	0	0	2	227	0	0	0
BBMW-37I2	35.0 - 45.0	272	96	6	32	38	6	0	3	8	2	0	0	0	0	0
BBMW-37D	55.0 - 65.0	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5.0 - 15.0	604	305	451	13	5	349	28	556	757	204	138.1	629	744.5	457.3	164
BBMW-38I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38D	65.0 - 70.0	--	--	6	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39S	5.0 - 15.0	954	623	580	0	316	0	0	194	269	86	129	146	199.2	102.5	526
BBMW-39I	25.0 - 30.0	0	0	0	0	0	--	421	--	0	0	0	0	0	0	1.99
BBMW-39I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39D	65.0 - 70.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40S	5.0 - 15.0	816	572	0	42	2105	0	2	445	700	0	1296	0	1883.8	0	188.79
BBMW-40I	25.0 - 30.0	0	1	4	0	0	4	0	0	0	14	0	0	0	5.1	0.23
BBMW-40I2	45.0 - 50.0	0	--	0	--	--	--	0	--	--	--	--	--	--	0	--
BBMW-40D	70.0 - 75.0	--	--	0	--	--	--	--	--	--	--	--	--	--	0	--
BBMW-41S	6.0 - 16.0	3009	4015	7622	4914	4413	9620	13425	5815	5913	3105	4310	5814	6003.1	7296.6	4808.2
BBMW-41I	25.0 - 30.0	0	0	0	136	0	0	0	0	0	--	124	--	0	0	9.8
BBMW-41I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41D	65.0 - 70.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-42S	5.0 - 10.0	346	44	63	20	73	19	22	11	10	8	12	10	11.2	11.5	8.5
BBMW-42I	15.0-25.0	515	8	9	2	0	0	5	10	0	0	0	0	0	--	1.5

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)														
		Sampling Date														
		2013	2014				2015				2016				2017	
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
BBMW-42I2	35.0-45.0	606	269	103	78	17	49	23	7	6	0	9	3	0	--	0
BBMW-43S	5.0 - 10.0	0	0	0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-43I	15.0-25.0	184	22	0	0	0	0	0	--	--	--	--	--	--	--	--
BBMW-43I2	35.0-45.0	0	0	4	--	--	--	8	--	--	--	0	--	--	--	--
IP-51	14.0 - 15.0	--	--	--	--	--	--	--	225	--	--	--	--	--	--	--
IP-52	24.0 -25.0	--	--	--	--	--	--	--	234	--	--	--	--	--	--	--
IP-53	14.0 - 15.0	--	--	--	--	--	--	--	2,297	--	--	--	--	--	--	--
IP-54	24.0 -25.0	--	--	--	--	--	--	--	3	--	--	--	--	--	--	--
IP-55	14.0 - 15.0	--	--	--	--	--	--	--	490	--	--	--	--	--	--	--
IP-56	24.0 -25.0	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--
IP-57	14.0 - 15.0	--	--	--	--	--	--	--	0	--	--	--	--	--	--	--
IP-58	24.0 -25.0	--	--	--	--	--	--	--	0	--	--	--	--	--	--	--
MW-03S	3.0 - 13.0	1	2	11	5	2	9.5	14	32	28	7	14	0	4.2	1.5	1.25
MW-03D	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05S	4.0 - 14.0	3713	3610	3400	577	3814	2068	3510	3115	2917	3518	2420	2635	3903.3	3191.3	2092.6
MW-05D	35.5 - 45.5	8	10	13	19	21	16	4	18	24	31	16.6	24	42.3	24	13.7
MW-09S	4.0 - 14.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-101	4.0 - 14.0	--	1,242	3675	5713	2773	5507.5	4912	2961	5416	3273	4796	4966	3752.6	4497.2	2823.5
OU1PZ-102	4.0 - 14.0	--	15	25	195	15	130.9	270	168	147	8	85	92	161.2	50.6	30.06
OU1PZ-103	4.0 - 14.0	--	982	367	396	178	312	42	216	214	791	472	1420	245.7	857.8	40.9
OU1PZ-104	4.0 - 14.0	--	6	14	4	4	102	36	22	12	10	16	18	11.1	12.6	4.81
OU1PZ-105	4.0 - 14.0	--	950	1250	1750	1060	380	880	1740	1070	153	400	280	137.9	111.1	38
OU2MW-48S	3.0 - 13.0	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48D	65.0 - 70.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49S	3.0 - 13.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49D	63.0 - 68.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-50I	25.0 - 30.0	24	0	2	5	0	0	0	2	0	0	0	0	0	0	0
OU2MW-50I2	45.0 - 50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-50D	65.0 - 70.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-51S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51D	61.0 - 66.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)														
		Sampling Date														
		2013	2014				2015				2016				2017	
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
OU2MW-57S	5.0 - 15.0	77	16	18	63	17	16	21	28	38	13	16	7	20.7	5.3	2
OU2MW-57I	20.0 - 30.0	0	0	0	2	2	0	0	0	89	0	2	2	0	0	0
OU2MW-57I2	35.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0	1.1	0	0
OZMW-16S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-16I	20.0 - 30.0	2	0	0	0	0	2	0	1	0	0	0	0	2.2	0	0
OZMW-16I2	35.0 - 45.0	286	10	5	81	31	2	3	7	69	7	27	16	4.7	0	3.01
OZMW-16D	55.0 - 65.0	0	0	0	0	0	0	0	0	0	0	0	0	1.4	5.5	3.75
OZMW-17S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-17I	20.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-17I2	35.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-17D	53.0 - 63.0	122	684	256	45	182	59.5	82	22	50	322	177	36	4.8	15.5	107.3
OZMW-18S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4	0
OZMW-18I	20.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
OZMW-18I2	35.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0	0	46.7	1.21
OZMW-18D	55.0 - 65.0	136	291	138	158	219	174	159	119	114	102	105	147	132.3	219	148.3
OZMW-19S	5.0 - 15.0	188	291	43	10	52	27	595	411	70	77	694	773	461	762	781.73
OZMW-19I	20.0 - 30.0	240	329	333	225	212	281	331	181	117	116	204	179	280.2	230.7	145.3
OZMW-19I2	35.0 - 45.0	506	563	563	591	366	220	464	384	616	285	578	512	396.6	439.5	413.2
OZMW-19D	55.0 - 65.0	20	9	4	21	23	3	0	4	16	2	9	43	12.7	5.5	7.18
OZMW-21S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I2	35.0 - 45.0	177	135	74	195	208	213	107	123	246	192	154.5	201	245.3	197.5	74.5
OZMW-21D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22S/22SR	5.0 - 15.0	16	76	25	0	17	24	49	3	10	30	48	6	0	11.1	14.63
OZMW-22I/22IR	20.0 - 30.0	0	0	5	10	--	--	0	--	--	--	1	--	--	--	--
OZMW-22I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-23I	20.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-23I2	35.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-23D	55.0 - 65.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-24S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	2.8	0	1.22
OZMW-24I	20.0 - 30.0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-24I2	35.0 - 45.0	82	139	172	265	233	139	276	203	151	162	100	77	62.9	110.8	127.6
OZMW-24D	55.0 - 65.0	642	743	611	809	1021	771	1133	542	895	891	893	681	710.3	874.9	498.93
OZMW-25S	5.0 - 15.0	1317	663	1047	29	1679.7	375	658	651	652	823	751.9	1035	842	804.7	586.9
OZMW-25I	20.0 - 30.0	575	509	571	498	442.4	477	505	401	500	446	496	425	381.3	527	338.3
OZMW-25I2	35.0 - 45.0	118	26	55	275	75.3	15.3	16	102	97	11	3.4	15	37.6	2.7	43.5
OZMW-25D	55.0 - 65.0	1	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OZMW-26S	5.0 - 15.0	0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I	20.0 - 30.0	0	4	7	--	--	--	6	--	--	--	0	--	--	--	--
OZMW-26I2	35.0 - 45.0	57	24	3	6	42	34.4	0	0	48	11	0	2	23	10.8	0
OZMW-26D	55.0 - 65.0	0	--	0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
BBMW-05D	64.0 - 74.0	0	3,150	1,015	0	3,150
BBMW-05D2/D2R	126.5 - 136.5	0	16	3	0	16
BBMW-13D	62.0 - 72.0	0	2	0	0	2
BBMW-20S	4.0 - 14.0	173	19,133	8,973	173	19,133
BBMW-20I	35.0 - 45.0	0	217	41	0	217
BBMW-20D	62.0 - 72.0	1,359	9,639	3,569	1,359	9,639
BBMW-22S	5.0 - 10.0	2,834	25,800	9,404	2,834	25,800
BBMW-22I	30.0 - 40.0	0	385	162	0	385
BBMW-22D	64.0 - 74.0	501	8,600	2,522	501	8,600
BBMW-26S	6.0 - 16.0	0	0	0	0	0
BBMW-26I	30.0 - 40.0	0	8	1	0	8
BBMW-27S	5.0 - 15.0	0	1	0	0	1
BBMW-27I	30.0 - 40.0	0	0	0	0	0
BBMW-34S	5.0 - 15.0	68	885	350	37	885
BBMW-34I	25.0 - 30.0	672	3,757	1,573	672	3,757
BBMW-34I2	40.0 - 45.0	39	283	138	39	283
BBMW-34D	65.0 - 70.0	0	14	2	0	14
BBMW-35S	5.0 - 15.0	0	0	0	0	0
BBMW-35I	25.0 - 30.0	0	0	0	0	0
BBMW-35I2	45.0 - 50.0	0	0	0	0	0
BBMW-35D	63.0 -68.0	0	2	0	0	2
BBMW-36S	5.0 - 15.0	0	24	2	0	24
BBMW-36I	25.0 - 30.0	0	0	0	0	0
BBMW-37S	5.0 - 10.0	2	271	81	2	271
BBMW-37I	20.0 - 30.0	0	3,922	572	0	3,922
BBMW-37I2	35.0 - 45.0	0	412	119	0	412
BBMW-37D	55.0 - 65.0	0	8	1	0	8
BBMW-38S	5.0 - 15.0	1	757	242	1	757
BBMW-38I	25.0 - 30.0	2	12	6	2	12
BBMW-38I2	40.0 - 45.0	0	11	6	0	11
BBMW-38D	65.0 - 70.0	0	12	1	0	12
BBMW-39S	5.0 - 15.0	0	11,900	3,616	0	11,900
BBMW-39I	25.0 - 30.0	0	421	43	0	421
BBMW-39I2	45.0 - 50.0	0	5	0	0	5
BBMW-39D	65.0 - 70.0	0	28	3	0	28
BBMW-40S	5.0 - 15.0	0	6,390	1,288	0	6,390
BBMW-40I	25.0 - 30.0	0	67	7	0	67
BBMW-40I2	45.0 - 50.0	0	2,478	374	0	2,478
BBMW-40D	70.0 - 75.0	0	37	4	0	37
BBMW-41S	6.0 - 16.0	1,856	13,425	5,704	1,856	13,425
BBMW-41I	25.0 - 30.0	0	348	42	0	348
BBMW-41I2	45.0 - 50.0	0	2	0	0	2
BBMW-41D	65.0 - 70.0	0	0	0	0	0
BBMW-42S	5.0 - 10.0	8	346	48	8	346
BBMW-42I	15.0-25.0	0	778	135	0	778

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
BBMW-42I2	35.0-45.0	0	606	140	0	606
BBMW-43S	5.0 - 10.0	0	0	0	0	0
BBMW-43I	15.0-25.0	0	446	98	0	446
BBMW-43I2	35.0-45.0	0	8	2	0	8
IP-51	14.0 - 15.0	225	225	225	225	225
IP-52	24.0 -25.0	234	234	234	234	234
IP-53	14.0 - 15.0	2,297	2,297	2,297	2,297	2,297
IP-54	24.0 -25.0	3	3	3	3	3
IP-55	14.0 - 15.0	490	490	490	490	490
IP-56	24.0 -25.0	1	1	1	1	1
IP-57	14.0 - 15.0	0	0	0	0	0
IP-58	24.0 -25.0	0	0	0	0	0
MW-03S	3.0 - 13.0	0	361	35	0	361
MW-03D	35.0 - 45.0	0	0	0	0	0
MW-05S	4.0 - 14.0	577	48,430	10,812	577	48,430
MW-05D	35.5 - 45.5	0	457	40	0	457
MW-09S	4.0 - 14.0	0	29	1	0	29
MW-09I	30.0 - 40.0	0	4	1	0	4
MW-09I2	45.0 - 50.0	0	0	0	0	0
MW-09D	65.0 - 70.0	0	0	0	0	0
OU1PZ-101	4.0 - 14.0	1,242	5,713	4,114	1,242	5,713
OU1PZ-102	4.0 - 14.0	8	270	105	8	270
OU1PZ-103	4.0 - 14.0	42	1,420	500	41	1,420
OU1PZ-104	4.0 - 14.0	4	102	21	4	102
OU1PZ-105	4.0 - 14.0	111	1,750	782	38	1,750
OU2MW-48S	3.0 - 13.0	0	8	1	0	8
OU2MW-48I	25.0 - 30.0	0	0	0	0	0
OU2MW-48I2	45.0 - 50.0	0	0	0	0	0
OU2MW-48D	65.0 - 70.0	0	0	0	0	0
OU2MW-49S	3.0 - 13.0	0	1	0	0	1
OU2MW-49I	25.0 - 30.0	0	0	0	0	0
OU2MW-49I2	45.0 - 50.0	0	0	0	0	0
OU2MW-49D	63.0 - 68.0	0	0	0	0	0
OU2MW-50S	5.0 - 15.0	0	274	22	0	274
OU2MW-50I	25.0 - 30.0	0	24	2	0	24
OU2MW-50I2	45.0 - 50.0	0	2	0	0	2
OU2MW-50D	65.0 - 70.0	0	0	0	0	0
OU2MW-51S	5.0 - 15.0	0	9	4	0	9
OU2MW-51I	25.0 - 30.0	0	0	0	0	0
OU2MW-51I2	45.0 - 50.0	0	3	0	0	3
OU2MW-51D	61.0 - 66.0	0	0	0	0	0

Table 4-1. OU-1 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
OU2MW-57S	5.0 - 15.0	5	2,082	153	2	2,082
OU2MW-57I	20.0 - 30.0	0	4,716	183	0	4,716
OU2MW-57I2	35.0 - 45.0	0	1	0	0	1
OZMW-16S	5.0 - 15.0	0	4,685	127	0	4,685
OZMW-16I	20.0 - 30.0	0	775	82	0	775
OZMW-16I2	35.0 - 45.0	0	855	214	0	855
OZMW-16D	55.0 - 65.0	0	6	0	0	6
OZMW-17S	5.0 - 15.0	0	1,664	63	0	1,664
OZMW-17I	20.0 - 30.0	0	1,316	45	0	1,316
OZMW-17I2	35.0 - 45.0	0	36	3	0	36
OZMW-17D	53.0 - 63.0	0	684	90	0	684
OZMW-18S	5.0 - 15.0	0	3,160	100	0	3,160
OZMW-18I	20.0 - 30.0	0	3,600	132	0	3,600
OZMW-18I2	35.0 - 45.0	0	201	25	0	201
OZMW-18D	55.0 - 65.0	0	612	203	0	612
OZMW-19S	5.0 - 15.0	0	1,792	351	0	1,792
OZMW-19I	20.0 - 30.0	116	1,143	455	116	1,143
OZMW-19I2	35.0 - 45.0	220	1,332	621	220	1,332
OZMW-19D	55.0 - 65.0	0	76	18	0	76
OZMW-21S	5.0 - 15.0	2,122	8,270	5,604	2,122	8,270
OZMW-21I	20.0 - 30.0	309	542	410	309	542
OZMW-21I2	35.0 - 45.0	57	380	160	57	380
OZMW-21D	55.0 - 65.0	0	14	5	0	14
OZMW-22S/22SR	5.0 - 15.0	0	11,947	1,949	0	11,947
OZMW-22I/22IR	20.0 - 30.0	0	607	77	0	607
OZMW-22I2	35.0 - 45.0	0	2	0	0	2
OZMW-22D	55.0 - 65.0	0	0	0	0	0
OZMW-23S	5.0 - 15.0	0	13	1	0	13
OZMW-23I	20.0 - 30.0	0	8	1	0	8
OZMW-23I2	35.0 - 45.0	0	11	0	0	11
OZMW-23D	55.0 - 65.0	0	33	3	0	33
OZMW-24S	5.0 - 15.0	0	25	3	0	25
OZMW-24I	20.0 - 30.0	0	24	2	0	24
OZMW-24I2	35.0 - 45.0	63	674	175	63	674
OZMW-24D	55.0 - 65.0	542	1,595	945	499	1,595
OZMW-25S	5.0 - 15.0	0	3,070	1,243	0	3,070
OZMW-25I	20.0 - 30.0	198	575	409	198	575
OZMW-25I2	35.0 - 45.0	3	306	100	3	306
OZMW-25D	55.0 - 65.0	0	17	2	0	17
OZMW-26S	5.0 - 15.0	0	44	8	0	44
OZMW-26I	20.0 - 30.0	0	79	13	0	79
OZMW-26I2	35.0 - 45.0	0	393	54	0	393
OZMW-26D	55.0 - 65.0	0	1	0	0	1

Notes for groundwater tables are compiled at the end of the Tablesin this section.

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2002			2003			2004		
		Sep	Sep	Oct/Nov	Apr/May	Jun/Jul	Nov/Dec	Feb/Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug
BBMW-05D	64.0 - 74.0	--	--	3,249	4,181	--	2,247	1,800	--	--	3,187	--	--
BBMW-05D2/D2R	126.5 - 136.5	--	--	--	147	0	--	--	--	--	--	--	--
BBMW-13D	62.0 - 72.0	--	--	0	40	--	--	--	--	--	0	--	--
BBMW-20S	4.0 - 14.0	--	--	--	2,248	--	3,080	15,000	--	--	3,408	--	1,758
BBMW-20I	35.0 - 45.0	--	--	--	7,134	--	7,900	7,400	--	--	6,939	--	6,956
BBMW-20D	62.0 - 72.0	--	--	--	14,594	--	7,300	--	--	--	--	--	--
BBMW-22S	5.0 - 10.0	--	--	--	3,954	--	3,700	2,500	3,608	--	2,400	2,042	4,460
BBMW-22I	30.0 - 40.0	--	--	--	8,810	--	8,000	3,500	--	--	7,240	--	--
BBMW-22D	64.0 - 74.0	--	--	--	11,436	--	8,808	5,300	--	--	145,100	--	--
BBMW-26S	6.0 - 16.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-26I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-27S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-27I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I2	45.0-50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35D	63.0-68.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-36S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-36I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40D	70.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41S	6.0 - 16.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-42S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-42I	15.0-25.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2002			2003			2004		
		Sep	Sep	Oct/Nov	Apr/May	Jun/Jul	Nov/Dec	Feb/Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug
BBMW-42I2	35.0-45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43I	15.0-25.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43I2	35.0-45.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-51	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-52	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-53	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-54	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-55	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-56	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-57	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-58	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-03S	3.0 - 13.0	620	17	1,425	104	--	--	--	120	20	0	28	25
MW-03D	35.0 - 45.0	0	0	0	0	--	--	--	--	--	184	--	--
MW-05S	4.0 - 14.0	5,514	2,360	2,964	2,682	--	2,100	1,600	--	--	2,783	--	--
MW-05D	35.5 - 45.5	4,292	3,959	4,944	2,501	--	4,560	2,600	--	--	3,214	--	--
MW-09S	4.0 - 14.0	0	--	0	--	0	74	0	--	--	0	--	--
MW-09I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-09D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-101	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-102	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-103	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-104	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-105	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49D	63.0 - 68.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	45.0-50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	65.0-70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I2	45.0-50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51D	61.0-66.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2002			2003			2004		
		Sep	Sep	Oct/Nov	Apr/May	Jun/Jul	Nov/Dec	Feb/Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug
OZMW-16I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17D	53.0 - 63.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22S/22SR	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I/22IR	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004	2005				2006				2007		
		Nov/Dec	Feb/Mar	Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct
BBMW-05D	64.0 - 74.0	--	3,109	--	--	--	2,924	352	4,492	2,386	2,371	1,233	40
BBMW-05D2/D2R	126.5 - 136.5	--	--	--	--	--	0	--	--	--	--	--	--
BBMW-13D	62.0 - 72.0	--	0	--	--	--	0	--	--	--	0	0	0
BBMW-20S	4.0 - 14.0	--	--	--	--	2,483	--	--	1,365	2,179	1,819	1,343	860
BBMW-20I	35.0 - 45.0	--	--	--	--	8,636	--	--	7,722	5,749	7,160	2,189	2,033
BBMW-20D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	2,289	4,688	5,460
BBMW-22S	5.0 - 10.0	4,780	2,640	143	4,549	--	4,131	2,214	--	--	1,634	2,931	3,629
BBMW-22I	30.0 - 40.0	--	5,865	--	--	--	7,114	--	--	--	4,696	4,283	4,879
BBMW-22D	64.0 - 74.0	--	4,418	--	--	--	6,288	--	--	--	2,725	3,310	5,374
BBMW-26S	6.0 - 16.0	--	0	--	--	--	0	--	--	--	0	0	0
BBMW-26I	30.0 - 40.0	--	0	--	--	--	0	--	--	--	0	0	1
BBMW-27S	5.0 - 15.0	--	--	--	--	--	0	--	--	--	0	0	0
BBMW-27I	30.0 - 40.0	--	0	--	--	--	0	--	--	--	0	0	0
BBMW-34S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I2	45.0-50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35D	63.0-68.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-36S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-36I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-40D	70.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41S	6.0 - 16.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-42S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-42I	15.0-25.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004	2005				2006				2007		
		Nov/Dec	Feb/Mar	Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct
BBMW-42I2	35.0-45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43I	15.0-25.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43I2	35.0-45.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-51	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-52	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-53	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-54	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-55	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-56	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-57	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-58	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-03S	3.0 - 13.0	0	--	0	21	0	25	11	0	0	0	0	9
MW-03D	35.0 - 45.0	--	--	--	--	--	0	--	--	--	0	0	0
MW-05S	4.0 - 14.0	--	2,144	--	--	--	2,220	1,647	2,493	1,652	1,647	1,294	1,630
MW-05D	35.5 - 45.5	--	2,842	--	--	--	2,456	435	1,984	3,122	1,113	142	55
MW-09S	4.0 - 14.0	0	--	--	--	--	0	--	--	--	0	0	0
MW-09I	30.0 - 40.0	--	--	--	--	--	0	--	--	--	0	0	2
MW-09I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-09D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-101	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-102	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-103	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-104	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-105	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49D	63.0 - 68.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	45.0-50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	65.0-70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I2	45.0-50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51D	61.0-66.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--

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		Sampling Date											
		2004	2005				2006				2007		
		Nov/Dec	Feb/Mar	Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct
OZMW-16I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17D	53.0 - 63.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22S/22SR	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I/22IR	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007	2008				2009				2010		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-05D	64.0 - 74.0	930	981	1,203	1,555	1,165	786	2,767	186	1,704	2,711	1,400	2,098
BBMW-05D2/D2R	126.5 - 136.5	--	0	--	--	--	0	--	--	--	--	--	0
BBMW-13D	62.0 - 72.0	0	0	--	--	--	0	--	--	--	0	0	0
BBMW-20S	4.0 - 14.0	--	--	--	--	--	0	--	--	--	--	--	--
BBMW-20I	35.0 - 45.0	452	75	48	348	165	1,150	137	657	78	157	37	471
BBMW-20D	62.0 - 72.0	--	--	--	--	--	0	--	--	--	--	--	--
BBMW-22S	5.0 - 10.0	3,189	24	25	1,961	1,972	1,664	986	2,329	3,239	4,564	3,290	3,210
BBMW-22I	30.0 - 40.0	5,212	5,536	4,290	4,686	4,680	4,949	6,539	4,155	5,071	5,634	6,469	4,653
BBMW-22D	64.0 - 74.0	8,516	4,257	4,894	6,442	5,681	5,140	8,539	5,411	3,812	4,425	4,301	5,276
BBMW-26S	6.0 - 16.0	24	0	--	--	--	0	--	--	--	0	--	--
BBMW-26I	30.0 - 40.0	--	0	--	--	--	0	--	--	--	0	--	--
BBMW-27S	5.0 - 15.0	0	0	0	2	0	0	0	0	0	0	0	0
BBMW-27I	30.0 - 40.0	--	0	--	--	--	0	0	--	--	0	--	--
BBMW-34S	5.0 - 15.0	--	--	--	--	--	--	--	969	524	612	440	468
BBMW-34I	25.0 - 30.0	--	--	--	--	--	--	--	2,223	1,887	3,283	1,592	2,562
BBMW-34I2	40.0 - 45.0	--	--	--	--	--	--	--	2,033	2,126	2,219	1,643	1,534
BBMW-34D	65.0 - 70.0	--	--	--	--	--	--	--	478	256	237	148	120
BBMW-35S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35I2	45.0-50.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-35D	63.0-68.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-36S	5.0 - 15.0	--	--	--	--	--	--	--	--	0	2	2	23
BBMW-36I	25.0 - 30.0	--	--	--	--	--	--	--	--	0	0	0	0
BBMW-37S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-37D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5.0 - 15.0	--	--	--	--	--	--	--	13	14	0	25	50
BBMW-38I	25.0 - 30.0	--	--	--	--	--	--	--	131	1,075	732	660	212
BBMW-38I2	40.0 - 45.0	--	--	--	--	--	--	--	706	931	211	574	116
BBMW-38D	65.0 - 70.0	--	--	--	--	--	--	--	0	0	0	0	0
BBMW-39S	5.0 - 15.0	--	--	--	--	--	--	--	914	488	1,627	18	761
BBMW-39I	25.0 - 30.0	--	--	--	--	--	--	--	45	1	0	231	2
BBMW-39I2	45.0 - 50.0	--	--	--	--	--	--	--	0	0	0	0	0
BBMW-39D	65.0 - 70.0	--	--	--	--	--	--	--	0	0	0	0	0
BBMW-40S	5.0 - 15.0	--	--	--	--	--	--	--	1,322	73	0	0	4,533
BBMW-40I	25.0 - 30.0	--	--	--	--	--	--	--	51	3	24	8	25
BBMW-40I2	45.0 - 50.0	--	--	--	--	--	--	--	0	0	0	0	0
BBMW-40D	70.0 - 75.0	--	--	--	--	--	--	--	0	0	0	0	0
BBMW-41S	6.0 - 16.0	--	--	--	--	--	--	--	3,264	623	1,532	5	764
BBMW-41I	25.0 - 30.0	--	--	--	--	--	--	--	0	0	0	0	0
BBMW-41I2	45.0 - 50.0	--	--	--	--	--	--	--	0	4	0	0	0
BBMW-41D	65.0 - 70.0	--	--	--	--	--	--	--	0	4	0	0	0
BBMW-42S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-42I	15.0-25.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007	2008				2009				2010		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-42I2	35.0-45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43I	15.0-25.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-43I2	35.0-45.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-51	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-52	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-53	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-54	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-55	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-56	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-57	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-58	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-03S	3.0 - 13.0	0	0	0	--	--	0	0	--	--	1	0	3
MW-03D	35.0 - 45.0	2	0	--	--	--	0	0	--	--	0	0	0
MW-05S	4.0 - 14.0	1,431	1,699	144	1,306	7	1,052	1	226	1,879	2,080	309	1,279
MW-05D	35.5 - 45.5	741	2,644	390	1,988	107	232	9	138	711	809	742	1,996
MW-09S	4.0 - 14.0	0	0	0	0	0	0	0	0	0	0	0	0
MW-09I	30.0 - 40.0	--	4	--	--	--	0	--	--	--	0	0	0
MW-09I2	45.0 - 50.0	--	--	--	--	--	--	--	0	0	0	0	0
MW-09D	65.0 - 70.0	--	--	--	--	--	--	--	0	0	0	0	0
OU1PZ-101	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-102	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-103	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-104	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-105	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3.0 - 13.0	--	--	--	--	--	--	3	4	0	0	0	0
OU2MW-48I	25.0 - 30.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-48I2	45.0 - 50.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-48D	65.0 - 70.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-49S	3.0 - 13.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-49I	25.0 - 30.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-49I2	45.0 - 50.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-49D	63.0 - 68.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-50S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	45.0-50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	65.0-70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51I2	45.0-50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-51D	61.0-66.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	375	70
OU2MW-57I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	72	0
OU2MW-57I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	0	0
OZMW-16S	5.0 - 15.0	--	830	2	0	0	0	0	0	0	0	0	0

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
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Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007	2008				2009				2010		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OZMW-16I	20.0 - 30.0	--	1,447	39	22	440	153	72	1,167	31	0	0	0
OZMW-16I2	35.0 - 45.0	--	0	219	0	159	6	178	2,002	2,844	160	809	171
OZMW-16D	55.0 - 65.0	--	1	0	0	0	0	0	1	1	0	0	0
OZMW-17S	5.0 - 15.0	--	1,963	1	0	0	0	0	0	1	0	0	0
OZMW-17I	20.0 - 30.0	--	5,197	5	0	0	0	12	0	3	0	0	0
OZMW-17I2	35.0 - 45.0	--	7	0	2	0	0	62	0	7	6	0	0
OZMW-17D	53.0 - 63.0	--	27	0	0	3	2	0	4	65	391	12	5
OZMW-18S	5.0 - 15.0	--	569	15	0	2	0	0	0	0	0	0	0
OZMW-18I	20.0 - 30.0	--	2,312	625	7	600	9	149	68	15	1	0	0
OZMW-18I2	35.0 - 45.0	--	8,178	7,353	11,417	10,065	7,728	8,917	10,984	7,375	676	88	36
OZMW-18D	55.0 - 65.0	--	1,684	461	0	1,279	435	1,166	1,586	2,031	1,515	629	890
OZMW-19S	5.0 - 15.0	--	--	--	--	--	--	--	--	409	44	74	241
OZMW-19I	20.0 - 30.0	--	--	--	--	--	--	--	--	4,299	2,849	2,632	2,982
OZMW-19I2	35.0 - 45.0	--	--	--	--	--	--	--	--	5,346	4,551	1,409	4,346
OZMW-19D	55.0 - 65.0	--	--	--	--	--	--	--	--	471	485	0	245
OZMW-21S	5.0 - 15.0	--	--	--	--	--	--	--	--	4,403	2,697	3,466	5,177
OZMW-21I	20.0 - 30.0	--	--	--	--	--	--	--	--	4,402	6,135	5,202	5,315
OZMW-21I2	35.0 - 45.0	--	--	--	--	--	--	--	--	4,012	5,131	4,742	5,972
OZMW-21D	55.0 - 65.0	--	--	--	--	--	--	--	--	952	933	707	684
OZMW-22S/22SR	5.0 - 15.0	--	2,191	2,555	1,449	1,684	1,850	971	2,406	1,108	--	1,347	1,588
OZMW-22I/22IR	20.0 - 30.0	--	0	0	1	0	95	0	3	7	--	220	4
OZMW-22I2	35.0 - 45.0	--	0	0	0	0	0	0	0	0	--	--	--
OZMW-22D	55.0 - 65.0	--	0	0	0	49	0	0	0	0	--	--	--
OZMW-23S	5.0 - 15.0	--	--	--	--	--	--	--	--	25	0	1	0
OZMW-23I	20.0 - 30.0	--	--	--	--	--	--	--	--	0	0	0	0
OZMW-23I2	35.0 - 45.0	--	--	--	--	--	--	--	--	6	0	0	0
OZMW-23D	55.0 - 65.0	--	--	--	--	--	--	--	--	38	51	26	3
OZMW-24S	5.0 - 15.0	--	--	--	--	--	--	--	--	6	0	160	0
OZMW-24I	20.0 - 30.0	--	--	--	--	--	--	--	--	0	0	0	0
OZMW-24I2	35.0 - 45.0	--	--	--	--	--	--	--	--	4,805	5,033	5,122	3,128
OZMW-24D	55.0 - 65.0	--	--	--	--	--	--	--	--	5,323	4,857	5,198	2,399
OZMW-25S	5.0 - 15.0	--	--	--	--	--	--	4,595	3,968	3,480	2,919	3,550	3,504
OZMW-25I	20.0 - 30.0	--	--	--	--	--	--	3,276	849	4,046	3,756	3,252	292
OZMW-25I2	35.0 - 45.0	--	--	--	--	--	--	29	51	162	482	730	162
OZMW-25D	55.0 - 65.0	--	--	--	--	--	--	0	0	54	96	33	0
OZMW-26S	5.0 - 15.0	--	--	--	--	--	--	--	--	1	0	0	3
OZMW-26I	20.0 - 30.0	--	--	--	--	--	--	--	--	0	0	0	0
OZMW-26I2	35.0 - 45.0	--	--	--	--	--	--	--	--	60	23	0	0
OZMW-26D	55.0 - 65.0	--	--	--	--	--	--	--	--	0	7	0	0

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
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Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010	2011				2012				2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-05D	64.0 - 74.0	1,556	2,751	2,004	0	0	78	2,052	1,409	1,412	3,244	1380	1441
BBMW-05D2/D2R	126.5 - 136.5	0	0	0	0	0	0	0	0	--	--	--	--
BBMW-13D	62.0 - 72.0	0	0	--	--	--	1	--	--	--	--	--	--
BBMW-20S	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20I	35.0 - 45.0	15	516	47	1	497	633	706	489	354	688	371	388
BBMW-20D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22S	5.0 - 10.0	2,584	2,744	4,284	1,574	576	3,388	2,628	2,790	4,110	2,561	2775	3646
BBMW-22I	30.0 - 40.0	5,761	5,237	6,417	5,304	4,215	7,155	7,755	2,505	4,656	3,930	3731	4026
BBMW-22D	64.0 - 74.0	4,413	4,434	7,346	5,996	4,744	5,388	6,319	4,598	4,350	6,103	4352	--
BBMW-26S	6.0 - 16.0	--	0	--	--	--	0	--	--	--	--	--	--
BBMW-26I	30.0 - 40.0	--	0	--	--	--	0	--	--	--	--	--	--
BBMW-27S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-27I	30.0 - 40.0	--	0	--	--	--	0	--	--	--	--	--	--
BBMW-34S	5.0 - 15.0	409	556	435	195	370	540	111	128	100	121	95	109
BBMW-34I	25.0 - 30.0	2,390	2,175	2,922	2,783	2,428	3,307	2,208	1,870	2,000	1,695	1929	1198
BBMW-34I2	40.0 - 45.0	2,080	2,040	2,335	2,139	2,087	1,907	1,758	2,005	1,527	1,583	1431	--
BBMW-34D	65.0 - 70.0	109	239	85	54	49	335	53	51	46	70	45	--
BBMW-35S	5.0-15.0	--	0	0	0	0	0	0	0	--	--	0	--
BBMW-35I	25.0-30.0	--	0	0	0	0	0	0	0	--	--	2	--
BBMW-35I2	45.0-50.0	--	0	0	0	0	0	0	0	--	--	0	--
BBMW-35D	63.0-68.0	--	0	0	0	0	0	0	0	--	--	0	--
BBMW-36S	5.0 - 15.0	3	4	3	0	0	0	15	0	--	--	2	--
BBMW-36I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-37S	5.0 - 10.0	--	--	--	--	520	270	511	--	367	217	0	12
BBMW-37I	20.0 - 30.0	--	--	--	--	2,506	1,655	2,228	--	1,363	860	110	1697
BBMW-37I2	35.0 - 45.0	--	--	--	--	1,219	1,234	1,186	--	599	1,222	111	903
BBMW-37D	55.0 - 65.0	--	--	--	--	7	0	0	--	0	0	0	--
BBMW-38S	5.0 - 15.0	69	4	6	14	5	2	0	0	49	20	46	81
BBMW-38I	25.0 - 30.0	691	761	275	365	468	653	510	766	435	620	381	--
BBMW-38I2	40.0 - 45.0	202	402	603	759	167	983	998	773	297	1,155	718	--
BBMW-38D	65.0 - 70.0	0	0	0	2	0	0	0	0	0	0	0	--
BBMW-39S	5.0 - 15.0	150	0	1,344	1,220	405	2,988	62	1,283	1,906	2,674	34	2088
BBMW-39I	25.0 - 30.0	0	78	4	29	14	39	29	46	17	33	0	433
BBMW-39I2	45.0 - 50.0	0	0	0	0	0	0	16	0	0	0	0	0
BBMW-39D	65.0 - 70.0	0	0	0	0	0	3	0	0	0	0	0	--
BBMW-40S	5.0 - 15.0	899	0	8	3,314	0	0	0	30	1,548	2,421	2654	2548
BBMW-40I	25.0 - 30.0	5	37	13	100	17	34	41	46	11	29	18	38
BBMW-40I2	45.0 - 50.0	0	0	0	0	0	0	2,264	1,950	0	0	0	0
BBMW-40D	70.0 - 75.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-41S	6.0 - 16.0	0	421	2,372	3,693	782	1,449	1,167	1,006	617	2,213	1888	2473
BBMW-41I	25.0 - 30.0	0	0	28	47	0	0	54	68	0	0	0	16
BBMW-41I2	45.0 - 50.0	0	0	0	0	0	0	0	2	--	--	0	--
BBMW-41D	65.0 - 70.0	0	0	0	0	0	0	0	2	--	--	0	--
BBMW-42S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	608	286	403
BBMW-42I	15.0-25.0	--	--	--	--	--	--	--	--	--	1,181	1107	666

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010	2011				2012				2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-42I2	35.0-45.0	--	--	--	--	--	--	--	--	--	2,504	1163	2090
BBMW-43S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-43I	15.0-25.0	--	--	--	--	--	--	--	--	--	552	53	262
BBMW-43I2	35.0-45.0	--	--	--	--	--	--	--	--	--	0	0	0
IP-51	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-52	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-53	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-54	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-55	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-56	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-57	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
IP-58	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-03S	3.0 - 13.0	0	0	2	0	2	2	0	7	0	0	0	2
MW-03D	35.0 - 45.0	--	0	--	--		0	--	--	--	--	--	--
MW-05S	4.0 - 14.0	1,149	1,076	582	1,807	17	1,680	886	1,250	1,306	1,516	1063	507
MW-05D	35.5 - 45.5	1,039	1,094	1,064	2,620	789	2,242	843	1,611	1,254	1,617	1137	1944
MW-09S	4.0 - 14.0	0	0	0	0	0	0	0	0	--	--	0	--
MW-09I	30.0 - 40.0	--	0	--	--	--	0	--	--	--	--	--	--
MW-09I2	45.0 - 50.0	--	0	--	--	--	0	--	--	--	--	--	--
MW-09D	65.0 - 70.0	--	0	--	--	--	0	--	--	--	--	--	--
OU1PZ-101	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-102	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-103	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-104	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-105	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3.0 - 13.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-48I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-48I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-48D	65.0 - 70.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-49S	3.0 - 13.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-49I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-49I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-49D	63.0 - 68.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-50S	5.0-15.0	--	120	95	0	0	9	5	0	0	0	0	0
OU2MW-50I	25.0-30.0	--	0	0	9	4	1	2	0	0	0	0	2
OU2MW-50I2	45.0-50.0	--	0	2	0	0	0	0	0	0	0	0	0
OU2MW-50D	65.0-70.0	--	0	0	0	0	0	3	0	0	0	0	0
OU2MW-51S	5.0-15.0	--	0	0	26	19	0	13	5	9	8	4	--
OU2MW-51I	25.0-30.0	--	0	0	0	0	0	5	0	--	--	0	--
OU2MW-51I2	45.0-50.0	--	0	0	0	0	0	0	0	--	--	0	--
OU2MW-51D	61.0-66.0	--	1	0	0	2	0	0	0	--	--	0	--
OU2MW-57S	5.0 - 15.0	268	3	235	127	0	94	87	69	31	0	64	66
OU2MW-57I	20.0 - 30.0	0	0	16	0	18	13	15	13	21	27	13	18
OU2MW-57I2	35.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-16S	5.0 - 15.0	0	0	0	0	2	0	1	6	0	0	0	0

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010	2011				2012				2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OZMW-16I	20.0 - 30.0	0	3	0	8	5	0	18	13	0	0	0	0
OZMW-16I2	35.0 - 45.0	422	5,792	1,195	3,138	542	2,192	1,973	151	1,220	8	1330	1
OZMW-16D	55.0 - 65.0	0	11	2	24	68	18	3	0	1	0	0	0
OZMW-17S	5.0 - 15.0	1	0	0	0	0	0	0	0	0	0	0	0
OZMW-17I	20.0 - 30.0	0	0	0	0	0	1	0	0	13	0	0	0
OZMW-17I2	35.0 - 45.0	0	9	0	0	9	2	0	18	0	0	0	13
OZMW-17D	53.0 - 63.0	5	8	8	10	725	345	33	1,821	1,750	1,451	937	1283
OZMW-18S	5.0 - 15.0	0	0	0	0	0	0	1	0	7	0	0	0
OZMW-18I	20.0 - 30.0	0	0	0	0	0	0	14	0	0	0	0	0
OZMW-18I2	35.0 - 45.0	30	249	0	0	12	56	222	955	61	139	17	98
OZMW-18D	55.0 - 65.0	1,328	1,642	594	2,635	1,907	2,913	1,536	3,337	1,729	5,445	1361	2898
OZMW-19S	5.0 - 15.0	214	1,016	242	55	244	881	517	173	558	8	659	334
OZMW-19I	20.0 - 30.0	3,529	2,814	2,048	2,065	2,708	4,325	3,620	1,188	3,790	2,635	3396	3501
OZMW-19I2	35.0 - 45.0	382	4,856	1,761	7,531	272	2,016	3,258	2,854	2,303	1,552	1929	1689
OZMW-19D	55.0 - 65.0	398	557	178	661	75	36	25	294	41	55	8	28
OZMW-21S	5.0 - 15.0	5,130	5,292	6,351	2,966	6,618	6,333	4,167	2,943	4,334	1,152	3151	--
OZMW-21I	20.0 - 30.0	6,052	4,487	6,915	5,702	2,458	4,873	7,522	3,598	3,299	3,317	3872	--
OZMW-21I2	35.0 - 45.0	5,259	2,648	6,727	5,458	5,163	5,757	6,158	5,128	4,620	3,747	5955	4298
OZMW-21D	55.0 - 65.0	494	332	409	453	195	157	162	183	89	56	147	--
OZMW-22S/22SR	5.0 - 15.0	6	6	110	61	1	122	8	122	0	3	11	5
OZMW-22I/22IR	20.0 - 30.0	0	1	0	20	1	89	28	16	39	11	8	0
OZMW-22I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5.0 - 15.0	0	0	1	1	1	0	0	1	0	17	0	0
OZMW-23I	20.0 - 30.0	0	0	0	0	0	0	0	1	0	6	0	0
OZMW-23I2	35.0 - 45.0	0	7	0	0	0	0	0	0	0	0	0	0
OZMW-23D	55.0 - 65.0	3	0	1	0	0	3	0	1	0	0	1	0
OZMW-24S	5.0 - 15.0	0	5	47	9	8	17	12	11	7	32	2	3
OZMW-24I	20.0 - 30.0	0	0	0	0	0	208	14	0	0	47	0	0
OZMW-24I2	35.0 - 45.0	3,405	4,719	5,641	5,416	1,228	3,527	4,819	2,656	4,228	4,502	4999	2517
OZMW-24D	55.0 - 65.0	3,219	3,383	5,508	3,042	4,121	3,300	3,090	2,846	2,075	3,309	3137	2527
OZMW-25S	5.0 - 15.0	6,452	79	3,783	4,336	237	3,228	1,842	3,306	4,753	69	2432	529
OZMW-25I	20.0 - 30.0	6,045	1,886	3,289	3,887	1,857	3,721	4,022	4,223	3,996	3,748	3767	3507
OZMW-25I2	35.0 - 45.0	881	588	585	1,040	149	322	696	402	324	328	492	1039
OZMW-25D	55.0 - 65.0	69	82	100	47	73	85	55	41	67	133	60	66
OZMW-26S	5.0 - 15.0	2	4	2	1	1	5	0	0	--	--	1	--
OZMW-26I	20.0 - 30.0	0	0	0	0	0	52	22	26	182	0	0	0
OZMW-26I2	35.0 - 45.0	176	61	0	41	163	54	17	96	38	27	0	2
OZMW-26D	55.0 - 65.0	0	0	5	1	4	0	2	0	--	--	0	--

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013	2014				2015				2016		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-05D	64.0 - 74.0	2841	2382	2045	2154	1830	2834	2185	1561	2129	1895	1939	1846
BBMW-05D2/D2R	126.5 - 136.5	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-13D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20S	4.0 - 14.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20I	35.0 - 45.0	93	350	258	674	220	219	428	364	140	209	204	257
BBMW-20D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22S	5.0 - 10.0	6024	3803	2180	3261	3376	4020	2711	3210	3306	1944	1404	2406
BBMW-22I	30.0 - 40.0	6084	4348	4319	4561	4708	7567	4596	3033	4090	5671	2704	3568
BBMW-22D	64.0 - 74.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-26S	6.0 - 16.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-26I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-27S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-27I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34S	5.0 - 15.0	117	430	96	117	158	112	100	103	97	195	207	177
BBMW-34I	25.0 - 30.0	2606	2501	3039	1947	3005	2108	2069	2443	1360	1755	1372	1559
BBMW-34I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65.0 - 70.0	--	--	54	--	58	64	24	32	45	--	35	0
BBMW-35S	5.0-15.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-35I	25.0-30.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-35I2	45.0-50.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-35D	63.0-68.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-36S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	0	--
BBMW-36I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-37S	5.0 - 10.0	383	4	16	7	115	5	8	2	22	2	6	20
BBMW-37I	20.0 - 30.0	8853	846	204	247	68	6	1	5	0	0	0	15
BBMW-37I2	35.0 - 45.0	877	319	15	10	39	10	0	0	12	2	0	0
BBMW-37D	55.0 - 65.0	--	--	4	--	--	--	--	--	--	--	--	--
BBMW-38S	5.0 - 15.0	234	162	142	6	2	84	4	90	157	59	35	204
BBMW-38I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38D	65.0 - 70.0	--	--	13	--	--	--	--	--	--	--	--	--
BBMW-39S	5.0 - 15.0	137	142	154	0	152	2	0	114	160	83	141	5
BBMW-39I	25.0 - 30.0	4	2	0	2	0	--	63	--	0	0	0	0
BBMW-39I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-39D	65.0 - 70.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-40S	5.0 - 15.0	1808	528	0	11	1901	0	3	531	352	0	256	0
BBMW-40I	25.0 - 30.0	16	30	25	20	13	29	20	8	11	26	8	7
BBMW-40I2	45.0 - 50.0	0	--	0	--	--	--	0	--	--	--	--	--
BBMW-40D	70.0 - 75.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-41S	6.0 - 16.0	1613	1925	2112	2024	1992	2325	2101	1293	1896	1919	1487	1897
BBMW-41I	25.0 - 30.0	0	0	0	63	2	0	0	0	0	--	39	--
BBMW-41I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-41D	65.0 - 70.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-42S	5.0 - 10.0	720	539	446	364	264	229	285	198	163	127	148	170
BBMW-42I	15.0-25.0	1110	80	9	5	5	1	0	4	0	0	0	0

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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013	2014				2015				2016		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-42I2	35.0-45.0	1625	496	104	244	315	122	97	9	4	2	107	25
BBMW-43S	5.0 - 10.0	0	0	0	--	--	--	0	--	--	--	--	--
BBMW-43I	15.0-25.0	48	3	0	0	0	0	0	--	--	--	--	--
BBMW-43I2	35.0-45.0	0	0	7	--	--	--	0	--	--	--	0	--
IP-51	14.0 - 15.0	--	--	--	--	--	--	--	22	--	--	--	--
IP-52	24.0 -25.0	--	--	--	--	--	--	--	205	--	--	--	--
IP-53	14.0 - 15.0	--	--	--	--	--	--	--	290	--	--	--	--
IP-54	24.0 -25.0	--	--	--	--	--	--	--	0	--	--	--	--
IP-55	14.0 - 15.0	--	--	--	--	--	--	--	130	--	--	--	--
IP-56	24.0 -25.0	--	--	--	--	--	--	--	0	--	--	--	--
IP-57	14.0 - 15.0	--	--	--	--	--	--	--	0	--	--	--	--
IP-58	24.0 -25.0	--	--	--	--	--	--	--	0	--	--	--	--
MW-03S	3.0 - 13.0	1	0	2	0	2	2	3	6	1	24	0	0
MW-03D	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-05S	4.0 - 14.0	1546	1789	1115	27	1508	1393	873	905	1242	1420	613	1471
MW-05D	35.5 - 45.5	1476	1775	1513	2330	1952	2620	1206	1184	1416	1671	1134	1912
MW-09S	4.0 - 14.0	--	--	0	--	--	--	--	--	--	--	--	--
MW-09I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
MW-09D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU1PZ-101	4.0 - 14.0	--	365	814	1146	619	1374	707	1095	912	1286	1291	1199
OU1PZ-102	4.0 - 14.0	--	0	0	7	0	14	17	41	12	0	6	17
OU1PZ-103	4.0 - 14.0	--	779	311	153	103	205	105	107	249	590	266	897
OU1PZ-104	4.0 - 14.0	--	0	2	1	2	23	23	14	14	2	2	6
OU1PZ-105	4.0 - 14.0	--	322	369	409	239	322	408	792	430	228	455	300
OU2MW-48S	3.0 - 13.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-48I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-48I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-48D	65.0 - 70.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-49S	3.0 - 13.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-49I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-49I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-49D	63.0 - 68.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-50S	5.0-15.0	0	3	0	0	0	0	0	0	1	0	0	0
OU2MW-50I	25.0-30.0	66	3	0	30	0	0	0	0	0	0	0	0
OU2MW-50I2	45.0-50.0	0	1	0	0	0	0	0	0	0	0	0	0
OU2MW-50D	65.0-70.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-51S	5.0-15.0	--	--	4	--	--	--	--	--	--	--	--	--
OU2MW-51I	25.0-30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-51I2	45.0-50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-51D	61.0-66.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-57S	5.0 - 15.0	72	85	47	47	42	55	41	52	39	28	29	32
OU2MW-57I	20.0 - 30.0	0	26	44	67	49	38	0	14	102	14	41	0
OU2MW-57I2	35.0 - 45.0	0	0	0	0	0	0	43	0	0	0	0	88
OZMW-16S	5.0 - 15.0	2	0	0	0	0	0	0	0	0	0	0	0

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013	2014				2015				2016		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OZMW-16I	20.0 - 30.0	0	0	0	0	0	0	0	0	0	1	0	0
OZMW-16I2	35.0 - 45.0	97	26	1	56	30	2	4	5	27	8	24	8
OZMW-16D	55.0 - 65.0	0	11	1	44	8	7	0	0	514	41	7	17
OZMW-17S	5.0 - 15.0	2	0	0	0	0	0	0	0	0	0	0	0
OZMW-17I	20.0 - 30.0	2	3	0	0	0	0	0	0	0	2	0	2
OZMW-17I2	35.0 - 45.0	0	0	5	0	0	0	0	0	0	0	0	0
OZMW-17D	53.0 - 63.0	1089	2218	1458	693	1571	1020	1224	817	857	922	1178	233
OZMW-18S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-18I	20.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-18I2	35.0 - 45.0	2	32	0	2	0	33	0	17	0	25	5	0
OZMW-18D	55.0 - 65.0	1751	1661	957	306	480	515	864	520	514	593	489	570
OZMW-19S	5.0 - 15.0	641	536	182	5	262	201	526	364	188	63	623	270
OZMW-19I	20.0 - 30.0	3079	3114	1631	508	621	2296	1338	2382	277	279	1096	140
OZMW-19I2	35.0 - 45.0	5205	2470	2269	5046	3193	1229	1215	3537	1345	2233	1797	2312
OZMW-19D	55.0 - 65.0	193	326	275	658	427	123	7	137	128	251	289	406
OZMW-21S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I	20.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I2	35.0 - 45.0	6515	4630	4476	5528	3935	4428	4854	4770	2564	3529	3181	2676
OZMW-21D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22S/22SR	5.0 - 15.0	1	5	5	0	1	11	7	3	4	0	6	10
OZMW-22I/22IR	20.0 - 30.0	0	0	0	6	--	--	0	--	--	--	0	0
OZMW-22I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5.0 - 15.0	0	0	0	0	0	0	0	15	0	0	0	0
OZMW-23I	20.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0
OZMW-23I2	35.0 - 45.0	0	0	0	1	0	0	0	0	0	281	0	0
OZMW-23D	55.0 - 65.0	0	0	2	0	0	0	0	0	0	0	0	0
OZMW-24S	5.0 - 15.0	4	1	0	0	0	3	1	5	4	0	0	0
OZMW-24I	20.0 - 30.0	0	2	0	0	0	0	0	0	0	0	0	0
OZMW-24I2	35.0 - 45.0	5521	3549	3092	4424	4263	4200	3511	5046	2694	4152	2395	1968
OZMW-24D	55.0 - 65.0	4297	2594	2451	2783	3245	3205	1624	3199	2809	3078	2483	3305
OZMW-25S	5.0 - 15.0	5255	3058	2022	59	3223	3618	2459	1702	1419	2846	1185	934
OZMW-25I	20.0 - 30.0	3787	3167	2244	3842	2724	4305	3853	4073	3143	3660	1734	2212
OZMW-25I2	35.0 - 45.0	640	285	229	1419	318	252	204	600	434	246	144	207
OZMW-25D	55.0 - 65.0	43	22	0	0	28	33	39	--	--	--	28	--
OZMW-26S	5.0 - 15.0	1	--	0	--	--	--	--	--	--	--	--	--
OZMW-26I	20.0 - 30.0	0	2	4	--	--	--	3	--	--	--	0	--
OZMW-26I2	35.0 - 45.0	65	53	0	15	64	60	0	0	59	45	0	7
OZMW-26D	55.0 - 65.0	0	--	0	--	--	--	--	--	--	--	--	--

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)							
		Sampling Date			Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016	2017						
		Oct-Dec	Jan-Mar	Apr-Jun					
BBMW-05D	64.0 - 74.0	3137.7	3038	1227.2	0	4,492	1,926	0	4,492
BBMW-05D2/D2R	126.5 - 136.5	--	--	--	0	147	11	0	147
BBMW-13D	62.0 - 72.0	--	--	--	0	40	2	0	40
BBMW-20S	4.0 - 14.0	--	--	--	0	15,000	2,962	0	15,000
BBMW-20I	35.0 - 45.0	260.5	184.1	287.52	1	8,636	1,677	1	8,636
BBMW-20D	62.0 - 72.0	--	--	--	0	14,594	5,722	0	14,594
BBMW-22S	5.0 - 10.0	3638.1	3379.1	1177.5	24	6,024	2,854	24	6,024
BBMW-22I	30.0 - 40.0	5002.5	4985.6	3034	2,505	8,810	5,153	2,505	8,810
BBMW-22D	64.0 - 74.0	--	--	--	2,725	145,100	9,922	2,725	145,100
BBMW-26S	6.0 - 16.0	--	--	--	0	24	2	0	24
BBMW-26I	30.0 - 40.0	--	--	--	0	1	0	0	1
BBMW-27S	5.0 - 15.0	--	--	--	0	2	0	0	2
BBMW-27I	30.0 - 40.0	--	--	--	0	0	0	0	0
BBMW-34S	5.0 - 15.0	177.7	697	105.5	95	969	289	95	969
BBMW-34I	25.0 - 30.0	2610.5	2533.4	2174	1,198	3,307	2,237	1,198	3,307
BBMW-34I2	40.0 - 45.0	--	--	--	1,431	2,335	1,903	1,431	2,335
BBMW-34D	65.0 - 70.0	8.8	33.3	56.6	0	478	105	0	478
BBMW-35S	5.0-15.0	--	--	--	0	0	0	0	0
BBMW-35I	25.0-30.0	--	--	--	0	2	0	0	2
BBMW-35I2	45.0-50.0	--	--	--	0	0	0	0	0
BBMW-35D	63.0-68.0	--	--	--	0	0	0	0	0
BBMW-36S	5.0 - 15.0	--	--	0	0	23	4	0	23
BBMW-36I	25.0 - 30.0	--	--	--	0	0	0	0	0
BBMW-37S	5.0 - 10.0	28.8	0	0	0	520	120	0	520
BBMW-37I	20.0 - 30.0	0	0	0	0	8,853	984	0	8,853
BBMW-37I2	35.0 - 45.0	0	0	0	0	1,234	369	0	1,234
BBMW-37D	55.0 - 65.0	--	--	--	0	7	2	0	7
BBMW-38S	5.0 - 15.0	241.1	262.4	137.3	0	262	67	0	262
BBMW-38I	25.0 - 30.0	--	--	--	131	1,075	546	131	1,075
BBMW-38I2	40.0 - 45.0	--	--	--	116	1,155	600	116	1,155
BBMW-38D	65.0 - 70.0	--	--	--	0	13	1	0	13
BBMW-39S	5.0 - 15.0	32.6	48.3	166.08	0	2,988	617	0	2,988
BBMW-39I	25.0 - 30.0	0	0	13.3	0	433	37	0	433
BBMW-39I2	45.0 - 50.0	--	--	--	0	16	1	0	16
BBMW-39D	65.0 - 70.0	--	--	--	0	3	0	0	3
BBMW-40S	5.0 - 15.0	685.6	0	256	0	4,533	820	0	4,533
BBMW-40I	25.0 - 30.0	12	12.2	19.9	3	100	24	3	100
BBMW-40I2	45.0 - 50.0	--	0	--	0	2,264	201	0	2,264
BBMW-40D	70.0 - 75.0	--	0	--	0	0	0	0	0
BBMW-41S	6.0 - 16.0	2364.2	2210.4	1600	0	3,693	1,659	0	3,693
BBMW-41I	25.0 - 30.0	0	0	3.9	0	68	11	0	68
BBMW-41I2	45.0 - 50.0	--	--	--	0	4	0	0	4
BBMW-41D	65.0 - 70.0	--	--	--	0	4	0	0	4
BBMW-42S	5.0 - 10.0	175.1	147.5	184.8	127	720	310	127	720
BBMW-42I	15.0-25.0	0	--	0	0	1,181	261	0	1,181

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)							
		Sampling Date			Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016	2017						
		Oct-Dec	Jan-Mar	Apr-Jun					
BBMW-42I2	35.0-45.0	0	--	0	0	2,504	557	0	2,504
BBMW-43S	5.0 - 10.0	--	--	--	0	0	0	0	0
BBMW-43I	15.0-25.0	--	--	--	0	552	92	0	552
BBMW-43I2	35.0-45.0	--	--	--	0	7	1	0	7
IP-51	14.0 - 15.0	--	--	--	22	22	22	22	22
IP-52	24.0 -25.0	--	--	--	205	205	205	205	205
IP-53	14.0 - 15.0	--	--	--	290	290	290	290	290
IP-54	24.0 -25.0	--	--	--	0	0	0	0	0
IP-55	14.0 - 15.0	--	--	--	130	130	130	130	130
IP-56	24.0 -25.0	--	--	--	0	0	0	0	0
IP-57	14.0 - 15.0	--	--	--	0	0	0	0	0
IP-58	24.0 -25.0	--	--	--	0	0	0	0	0
MW-03S	3.0 - 13.0	0	0	0	0	1,425	46	0	1,425
MW-03D	35.0 - 45.0	--	--	--	0	184	10	0	184
MW-05S	4.0 - 14.0	1564.6	1740.3	755	1	5,514	1,438	1	5,514
MW-05D	35.5 - 45.5	2047.9	2231.9	1204.5	9	4,944	1,707	9	4,944
MW-09S	4.0 - 14.0	--	--	--	0	74	2	0	74
MW-09I	30.0 - 40.0	--	--	--	0	4	1	0	4
MW-09I2	45.0 - 50.0	--	--	--	0	0	0	0	0
MW-09D	65.0 - 70.0	--	--	--	0	0	0	0	0
OU1PZ-101	4.0 - 14.0	1023.1	1845.2	738.1	365	1,845	1,052	365	1,845
OU1PZ-102	4.0 - 14.0	24.5	3.6	1.1	0	41	11	0	41
OU1PZ-103	4.0 - 14.0	203.9	0	48	0	897	305	0	897
OU1PZ-104	4.0 - 14.0	5.1	5.3	2.9	0	23	8	0	23
OU1PZ-105	4.0 - 14.0	253.4	168.7	78	169	792	361	78	792
OU2MW-48S	3.0 - 13.0	--	--	--	0	4	0	0	4
OU2MW-48I	25.0 - 30.0	--	--	--	0	0	0	0	0
OU2MW-48I2	45.0 - 50.0	--	--	--	0	0	0	0	0
OU2MW-48D	65.0 - 70.0	--	--	--	0	0	0	0	0
OU2MW-49S	3.0 - 13.0	--	--	--	0	0	0	0	0
OU2MW-49I	25.0 - 30.0	--	--	--	0	0	0	0	0
OU2MW-49I2	45.0 - 50.0	--	--	--	0	0	0	0	0
OU2MW-49D	63.0 - 68.0	--	--	--	0	0	0	0	0
OU2MW-50S	5.0-15.0	0	0	0	0	120	9	0	120
OU2MW-50I	25.0-30.0	0	0	0	0	66	5	0	66
OU2MW-50I2	45.0-50.0	0	0	0	0	2	0	0	2
OU2MW-50D	65.0-70.0	0	0	0	0	3	0	0	3
OU2MW-51S	5.0-15.0	--	--	--	0	26	8	0	26
OU2MW-51I	25.0-30.0	--	--	--	0	5	1	0	5
OU2MW-51I2	45.0-50.0	--	--	--	0	0	0	0	0
OU2MW-51D	61.0-66.0	--	--	--	0	2	0	0	2
OU2MW-57S	5.0 - 15.0	41.4	35.1	24.38	0	375	76	0	375
OU2MW-57I	20.0 - 30.0	38.4	38.7	3.3	0	102	25	0	102
OU2MW-57I2	35.0 - 45.0	0	0	0	0	88	5	0	88
OZMW-16S	5.0 - 15.0	0	0	0	0	830	23	0	830

Table 4-2. OU-1 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)							
		Sampling Date			Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016	2017						
		Oct-Dec	Jan-Mar	Apr-Jun					
OZMW-16I	20.0 - 30.0	0	0	0	0	1,447	92	0	1,447
OZMW-16I2	35.0 - 45.0	13.9	0	3	0	5,792	671	0	5,792
OZMW-16D	55.0 - 65.0	44.2	45.1	9.3	0	514	23	0	514
OZMW-17S	5.0 - 15.0	0	0	0	0	1,963	53	0	1,963
OZMW-17I	20.0 - 30.0	0	0	0	0	5,197	142	0	5,197
OZMW-17I2	35.0 - 45.0	0	0	0	0	62	4	0	62
OZMW-17D	53.0 - 63.0	85.2	141.1	538.1	0	2,218	605	0	2,218
OZMW-18S	5.0 - 15.0	0	0	0	0	569	16	0	569
OZMW-18I	20.0 - 30.0	0	0	0	0	2,312	103	0	2,312
OZMW-18I2	35.0 - 45.0	67	1340.7	16.9	0	11,417	2,059	0	11,417
OZMW-18D	55.0 - 65.0	650.3	1114	734.9	0	5,445	1,351	0	5,445
OZMW-19S	5.0 - 15.0	926.1	954	357.47	5	1,016	380	5	1,016
OZMW-19I	20.0 - 30.0	1614.9	1989.6	291.95	140	4,325	2,292	140	4,325
OZMW-19I2	35.0 - 45.0	3753.2	2929.6	962	272	7,531	2,820	272	7,531
OZMW-19D	55.0 - 65.0	505.1	304.1	51	0	661	253	0	661
OZMW-21S	5.0 - 15.0	--	--	--	1,152	6,618	4,279	1,152	6,618
OZMW-21I	20.0 - 30.0	--	--	--	2,458	7,522	4,877	2,458	7,522
OZMW-21I2	35.0 - 45.0	4375.3	4398	4475	2,564	6,727	4,688	2,564	6,727
OZMW-21D	55.0 - 65.0	--	--	--	56	952	397	56	952
OZMW-22S/22SR	5.0 - 15.0	0	0	11.6	0	2,555	490	0	2,555
OZMW-22I/22IR	20.0 - 30.0	--	--	--	0	220	19	0	220
OZMW-22I2	35.0 - 45.0	--	--	--	0	0	0	0	0
OZMW-22D	55.0 - 65.0	--	--	--	0	49	6	0	49
OZMW-23S	5.0 - 15.0	0	0	0	0	25	2	0	25
OZMW-23I	20.0 - 30.0	0	0	0	0	6	0	0	6
OZMW-23I2	35.0 - 45.0	0	0	0	0	281	10	0	281
OZMW-23D	55.0 - 65.0	0	0	0	0	51	4	0	51
OZMW-24S	5.0 - 15.0	5.2	25.2	0	0	160	12	0	160
OZMW-24I	20.0 - 30.0	0	0	1.1	0	208	9	0	208
OZMW-24I2	35.0 - 45.0	2390.7	4230.6	3994	1,228	5,641	3,906	1,228	5,641
OZMW-24D	55.0 - 65.0	2200.2	3408.8	3842	1,624	5,508	3,267	1,624	5,508
OZMW-25S	5.0 - 15.0	2687	3030.9	438.6	59	6,452	2,705	59	6,452
OZMW-25I	20.0 - 30.0	2986.8	3160.9	2311.5	292	6,045	3,260	292	6,045
OZMW-25I2	35.0 - 45.0	248.9	283.9	408	29	1,419	437	29	1,419
OZMW-25D	55.0 - 65.0	--	--	--	0	133	48	0	133
OZMW-26S	5.0 - 15.0	--	--	--	0	5	1	0	5
OZMW-26I	20.0 - 30.0	--	--	--	0	182	14	0	182
OZMW-26I2	35.0 - 45.0	37.5	31.2	0	0	176	40	0	176
OZMW-26D	55.0 - 65.0	--	--	--	0	7	1	0	7

Notes for groundwater tables are compiled at the end of the Tables in this section.

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			BBMW-05D	BBMW-05D	BBMW-05D	BBMW-05D	BBMW-20I	DUP-05	BBMW-20I	BBMW-20I	BBMW-20I	BBMW-22S	BBMW-22S	BBMW-22S
Sample Date			8/25/2016	11/7/2016	1/9/2017	4/26/2017	8/2/2016	8/2/2016	12/1/2016	1/17/2017	6/2/2017	8/11/2016	11/8/2016	1/12/2017
Parent Sample Code								BBMW-20I						
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	**25**	**26.5**	**25**	**6.8**	1 U	1 U	1 U	1 U	**0.11 J**	**55**	**82.5**	**47.9**
Toluene		5	**430 D**	**693**	**459**	**190**	1 U	1 U	1 U	1 U	1 U	**19**	**17.3**	**14.1**
Ethylbenzene		5	**120**	**160**	**143**	**68**	1 U	1 U	1 U	1 U	1 U	**2200 D**	**2870**	**2220**
Total Xylene		5	**900 D**	**1370**	**1030**	**550**	**3**	**3**	1 U	1 U	**0.92 J**	**1700 D**	**1770**	**1390**
Total BTEX (ND=0)		NE	**1475**	**2249.5**	**1657**	**814.8**	**3**	**3**	ND	ND	**1.03**	**3974**	**4739.8**	**3672**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**5 J**	**8.1 J**	**8 J**	**6 J**	**5 J**	**5 J**	**3.2 J**	**2.5 J**	**4.1 J**	**110 DJ**	**164 J**	**162 J**
Acenaphthylene			**71**	**119 J**	**135 J**	**90**	**38**	**38**	**31.1**	**25.9**	**46**	**4 J**	**2.6 J**	**3.2 J**
Anthracene		50*	**5 J**	**5.6 J**	**7.3 J**	**8.2 J**	**2 J**	**3 J**	10 U	10 U	**2.4 J**	**9 J**	**9.6 J**	**9.7 J**
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	5.2 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	5.2 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	5.2 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(g,h,i)perylene		NE	10 U	10 U	10 U	52 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	5.2 U	10 U	10 U	10 U	10 U	1 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	2 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	5.2 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Fluoranthene		50*	**2 J**	10 U	**3 J**	52 U	10 U	10 U	10 U	10 U	**0.82 J**	**3 J**	**3.1 J**	**3.4 J**
Fluorene		50*	**14**	**21.1**	**26.5**	**21 J**	**6 J**	**5 J**	**4.6 J**	**4.2 J**	**7.2 J**	**42**	**47.7**	**52.2**
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	5.2 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
2-Methylnaphthalene		NE	**220 DJ**	**342 J**	**341 J**	**190**	**37**	**36**	**47.8**	**34.4**	**56**	**390 DJ**	**575 J**	**554**
Naphthalene		10*	**1500 D**	**2610**	**2480**	**880**	**160 D**	**160 D**	**165**	**110**	**160 ***	**1800 D**	**2780**	**2540**
Phenanthrene		50*	**27**	**29.1**	**33.5**	**32 J**	**9 J**	**10**	**8.8 J**	**7.1 J**	**11**	**44**	**52**	**50.2**
Pyrene		50*	**2 J**	**2.8 J**	**3.7 J**	52 U	10 U	10 U	10 U	10 U	10 U	**4 J**	**4.1 J**	**4.4 J**
Total PAH (17) (ND=0)		NE	**1846**	**3137.7**	**3038**	**1227.2**	**257**	**257**	**260.5**	**184.1**	**287.52**	**2406**	**3638.1**	**3379.1**
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Bay Shore, NY

Sample Name			BBMW-22S	BBMW-22I	BBMW-22I	BBMW-22I	BBMW-22I	BBMW-34S	BBMW-34S	BBMW-34S	BBMW-34S	BBMW-34I	BBMW-34I	BBMW-34I
Sample Date			4/25/2017	8/11/2016	11/8/2016	1/9/2017	4/25/2017	7/29/2016	11/9/2016	1/13/2017	4/13/2017	7/28/2016	11/9/2016	1/13/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	**24**	**46**	**50.3**	**46.7**	**29**	**45**	**39**	**45.6**	**17**	**51**	**73.7**	**44.1**
Toluene		5	**6.4**	**12**	**13**	**12.3**	**7.5**	**2**	**2.2**	**2.4**	**0.81 J**	**5**	**5.6**	**5.3**
Ethylbenzene		5	**1900**	**86**	**157**	**145**	**74**	**8**	**40.5**	**116**	**12**	**500 D**	**557**	**527**
Total Xylene		5	**930**	**68**	**115**	**117**	**57**	**13**	**15.6**	**57.8**	**7**	**360**	**427**	**390**
Total BTEX (ND=0)		NE	**2860.4**	**212**	**335.3**	**321**	**167.5**	**68**	**97.3**	**221.8**	**36.81**	**916**	**1063.3**	**966.4**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**120**	**150 DJ**	**204 J**	**229 J**	**210**	**31**	**71.2**	**91.6 J**	**36**	**74**	**144 J**	**156 J**
Acenaphthylene			**4 J**	**4 J**	**3.5 J**	**4.3 J**	100 U	10 U	10 U	10 U	**2 J**	**2 J**	**2.7 J**	10 U
Anthracene		50*	**7.5 J**	**6 J**	**8.3 J**	**11.1**	**10 J**	**4 J**	**8.1 J**	**7.5 J**	**5.4 J**	**6 J**	**10.8**	**11.2**
Benzo(a)anthracene		0.002*	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	5 U*	10 U	10 U	10 U	10 U*	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(g,h,i)perylene		NE	50 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	5 U*	10 U	10 U	10 U	10 U*	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Chrysene		0.002*	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Fluoranthene		50*	50 U	**2 J**	10 U	**2.6 J**	100 U	**2 J**	10 U	10 U	**1.9 J**	**2 J**	**2.6 J**	**3 J**
Fluorene		50*	**41 J**	**39**	**48.1**	**65.7**	**57 J**	**19**	**42.8**	**45.1**	**25**	**36**	**52.7**	**60**
Indeno(1,2,3-cd)pyrene		0.002*	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
2-Methylnaphthalene		NE	**320**	**930 D**	**1250**	**1300**	**1000**	**91 D**	10 U	**361**	10 U	**690 D**	**1140**	**1060**
Naphthalene		10*	**650**	**2400 D**	**3440**	**3310**	**1700**	10 U	10 U	**145**	**3.1 J**	**710 D**	**1190**	**1180**
Phenanthrene		50*	**35 J**	**35**	**48.6**	**59.6**	**57 J**	**28**	**52.3**	**44.2**	**30**	**37**	**64.1**	**59.4**
Pyrene		50*	50 U	**2 J**	10 U	**3.3 J**	100 U	**2 J**	**3.3 J**	**2.6 J**	**2.1 J**	**2 J**	**3.6 J**	**3.8 J**
Total PAH (17) (ND=0)		NE	**1177.5**	**3568**	**5002.5**	**4985.6**	**3034**	**177**	**177.7**	**697**	**105.5**	**1559**	**2610.5**	**2533.4**
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Sample Name			BBMW-34I	BBMW-34D	BBMW-34D	BBMW-34D	BBMW-34D	BBMW-36S	BBMW-37S	BBMW-37S	BBMW-37S	DUP04Q1	BBMW-37S	BBMW-37I
Sample Date			4/13/2017	7/28/2016	11/9/2016	1/13/2017	4/24/2017	4/24/2017	8/25/2016	10/28/2016	1/26/2017	1/26/2017	5/2/2017	8/25/2016
Parent Sample Code												BBMW-37S		
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	**22**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	**3.9 J**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1**
Ethylbenzene		5	**390**	1 U	1 U	1 U	1 U	1 U	**8**	**5.1**	1 U	1 U	1 U	**130**
Total Xylene		5	**320**	1 U	1 U	1 U	2 U	2 U	**36**	**13**	**3.2**	**1.6**	**1.6 J**	**96**
Total BTEX (ND=0)		NE	**735.9**	ND	ND	ND	ND	ND	**44**	**18.1**	**3.2**	**1.6**	**1.6**	**227**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**110**	10 U	10 U	10 U	10 U	10 U	**2 J**	**6.3 J**	10 U	10 U	10 U	**8 J**
Acenaphthylene			100 U	10 U	10 U	10 U	**1.8 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	**12 J**	10 U	10 U	10 U	**3.2 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U
Benzo(g,h,i)perylene		NE	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U
Chrysene		0.002*	21 U	10 U	10 U	10 U	2.1 U	2.1 U	10 U	10 U	10 U	10 U	2.1 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U
Fluoranthene		50*	100 U	10 U	10 U	10 U	**2.3 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene		50*	**59 J**	10 U	**4.2 J**	**7.4 J**	**10**	10 U	**1 J**	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	10 U	1 U	1 U	10 U	10 UJ	10 U	10 U	1 U	10 U
2-Methylnaphthalene		NE	**930**	10 U	10 U	10 U	**4 J**	10 U	**5 J**	**7.7 J**	10 U	10 U	10 U	**4 J**
Naphthalene		10*	**1000**	10 U	10 U	10 U	10 U	10 U	**12**	**14.8**	10 U	10 U	10 U	**3 J**
Phenanthrene		50*	**63 J**	10 U	**4.6 J**	**23.2**	**32**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene		50*	100 U	10 U	10 U	**2.7 J**	**3.3 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total PAH (17) (ND=0)		NE	**2174**	ND	**8.8**	**33.3**	**56.6**	ND	**20**	**28.8**	ND	ND	ND	**15**
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Sample Name			BBMW-37I	BBMW-37I	BBMW-37I	BBMW-37I2	BBMW-37I2	BBMW-37I2	BBMW-37I2	BBMW-38S	BBMW-38S	BBMW-38S	BBMW-38S	BBMW-39S
Sample Date			10/28/2016	1/26/2017	5/2/2017	8/25/2016	10/28/2016	1/26/2017	5/2/2017	7/29/2016	11/9/2016	1/13/2017	4/14/2017	7/29/2016
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**35**	**52.1**	**43.5**	**6.9**	**14**
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**4**	**5.4**	**3.8**	**1.1**	**1**
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**310 D**	**306**	**201**	**90**	**100**
Total Xylene		5	1 U	1 U	2 U	1 U	1 U	1 U	2 U	**280**	**381**	**209**	**66**	**31**
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	**629**	**744.5**	**457.3**	**164**	**146**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**3 J**	**3 J**	**4.3 J**	**2.9 J**	**1 J**
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**1.2 J**	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**1 J**	10 U	**2.7 J**	**1.4 J**	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Benzo(g,h,i)perylene		NE	10 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Chrysene		0.002*	10 U	10 U	2.1 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2.1 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	**1.1 J**	10 U
Fluorene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**4 J**	**4.4 J**	**6.9 J**	**3.9 J**	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 UJ	10 U	1 U	10 U	10 UJ	10 U	1 U	10 U	10 U	10 U	1 U	10 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**30**	**30.5**	**40.9**	**21**	10 U
Naphthalene		10*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**160 D**	**195**	**196**	**100**	**4 J**
Phenanthrene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**6 J**	**8.2 J**	**11.6**	**4.8 J**	10 U
Pyrene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**1 J**	10 U
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	**204**	**241.1**	**262.4**	**137.3**	**5**
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Sample Name			BBMW-39S	BBMW-39S	BBMW-39S	BBMW-39I	BBMW-39I	DUP-04 Q4	BBMW-39I	BBMW-39I	BBMW-40S	BBMW-40S	BBMW-40S	BBMW-40S
Sample Date			11/10/2016	1/18/2017	4/24/2017	7/29/2016	11/10/2016	11/10/2016	1/18/2017	4/24/2017	7/29/2016	11/10/2016	1/18/2017	4/13/2017
Parent Sample Code								BBMW-39I						
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	**28.3**	**8.9**	**150**	1 U	1 U	1 U	1 U	**0.18 J**	1 U	**6.1**	1 U	**0.79 J**
Toluene		5	**1.3**	1 U	**66**	1 U	1 U	1 U	1 U	1 U	1 U	**13.7**	1 U	2 U
Ethylbenzene		5	**144**	**66.9**	**110**	1 U	1 U	**1**	1 U	**0.61 J**	1 U	**1220**	1 U	**130**
Total Xylene		5	**25.6**	**26.7**	**200**	1 U	1 U	1 U	1 U	**1.2 J**	1 U	**644**	1 U	**58**
Total BTEX (ND=0)		NE	**199.2**	**102.5**	**526**	ND	ND	**1**	ND	**1.99**	ND	**1883.8**	ND	**188.79**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**3.1 J**	**5.2 J**	**9.2 J**	10 U	10 U	10 U	10 U	**4.9 J**	10 U	**19.7**	10 U	21 U
Acenaphthylene			10 U	10 U	**1.8 J**	10 U	10 U	10 U	10 U	**5.9 J**	10 U	10 U	10 U	21 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	21 U
Benzo(a)anthracene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	2.1 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	2.1 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	2.1 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	21 U
Benzo(a)pyrene		ND	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	2.1 U
Chrysene		0.002*	10 U	10 U	2.1 U	10 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	4.1 U
Dibenz(a,h)anthracene		NE	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	2.1 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	21 U
Fluorene		50*	10 U	10 U	**3.9 J**	10 U	10 U	10 U	10 U	**2.5 J**	10 U	**4.1 J**	10 U	21 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	**0.26 J**	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	2.1 U
2-Methylnaphthalene		NE	10 U	**3.1 J**	**10**	10 U	10 U	10 U	10 U	10 U	10 U	**29.8**	10 U	**16 J**
Naphthalene		10*	**29.5**	**40**	**140**	10 U	10 U	10 U	10 U	10 U	10 U	**632**	10 U	**240**
Phenanthrene		50*	10 U	10 U	**0.92 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	21 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	21 U
Total PAH (17) (ND=0)		NE	**32.6**	**48.3**	**166.08**	ND	ND	ND	ND	**13.3**	ND	**685.6**	ND	**256**
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			BBMW-40I	BBMW-40I	BBMW-40I	BBMW-40I	BBMW-40I2	BBMW-40D	BBMW-41S	BBMW-41S	BBMW-41S	BBMW-41S	BBMW-41I	BBMW-41I
Sample Date			7/29/2016	11/10/2016	1/18/2017	4/13/2017	1/18/2017	1/18/2017	8/31/2016	11/9/2016	1/27/2017	4/24/2017	11/9/2016	1/27/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	**0.23 J**	1 U	1 U	**3**	**3.1**	**3.1**	**1.7 J**	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	**11**	**10**	**13.5**	**6.5**	1 U	1 U
Ethylbenzene		5	1 U	1 U	**2.1**	1 U	1 U	1 U	**2800 D**	**2890**	**3140**	**1700**	1 U	1 U
Total Xylene		5	1 U	1 U	**3**	2 U	1 U	1 U	**3000 D**	**3100**	**4140 J**	**3100**	1 U	1 U
Total BTEX (ND=0)		NE	ND	ND	**5.1**	**0.23**	ND	ND	**5814**	**6003.1**	**7296.6**	**4808.2**	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	**3 J**	**3.5 J**	**5.1 J**	100 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	**1.7 J**	10 U	10 U	**2 J**	10 U	**2.5 J**	100 U	10 U	10 U
Anthracene		50*	**2 J**	**4 J**	**2.7 J**	**3.3 J**	10 U	10 U	10 U	**5.4 J**	10 U	100 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	1 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	1 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	1 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	100 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	1 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	2.1 U	10 U	10 U	10 U	10 U	10 U	21 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene		50*	**2 J**	**3.1 J**	**2.7 J**	**3.6 J**	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U
Fluorene		50*	10 U	10 U	10 U	**2.2 J**	10 U	10 U	**2 J**	**2.8 J**	**4.2 J**	100 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	10 U	**86 DJ**	**107 J**	**102 J**	**100**	10 U	10 U
Naphthalene		10*	10 U	10 U	10 U	10 U	10 U	10 U	**1800 D**	**2240**	**2090**	**1500**	10 U	10 U
Phenanthrene		50*	10 U	10 U	**2.8 J**	**4.5 J**	10 U	10 U	**4 J**	**5.5 J**	**6.6 J**	100 U	10 U	10 U
Pyrene		50*	**3 J**	**4.9 J**	**4 J**	**4.6 J**	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U
Total PAH (17) (ND=0)		NE	**7**	**12**	**12.2**	**19.9**	ND	ND	**1897**	**2364.2**	**2210.4**	**1600**	ND	ND
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Bay Shore, NY

Sample Name			BBMW-41I	BBMW-42S	BBMW-42S	BBMW-42S	BBMW-42S	BBMW-42I	BBMW-42I	DUP-05	BBMW-42I	BBMW-42I2	BBMW-42I2	BBMW-42I2
Sample Date			4/24/2017	8/31/2016	11/30/2016	1/26/2017	5/4/2017	8/31/2016	11/30/2016	11/30/2016	5/4/2017	8/31/2016	11/30/2016	5/4/2017
Parent Sample Code										BBMW-42I				
Analyte	Units	NYS AWQS												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	**3.5**	**3**	**3.2**	**3 J**	**2.3**	1 U	1 U	1 U	1 U	**1**	1 U	1 U
Total Xylene		5	**6.3**	**7**	**8**	**8.5**	**6.2**	1 U	1 U	1 U	**1.5 J**	**2**	1 U	2 U
Total BTEX (ND=0)		NE	**9.8**	**10**	**11.2**	**11.5**	**8.5**	ND	ND	ND	**1.5**	**3**	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	**33**	**30.9**	**28**	**27**	10 U	10 U	10 U	10 U	**10**	10 U	10 U
Acenaphthylene			10 U	**6 J**	**4.6 J**	**4.6 J**	**4.5 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	**3 J**	**3.2 J**	10 U	**2.3 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	1 U	**1 J**	10 U	10 U	**1.7**	10 U	10 U	10 U	1 U	10 U	10 U	1 U
Benzo(b)fluoranthene		0.002*	1 U	10 U	10 U	10 U	**1.3**	10 U	10 U	10 U	1 U	10 U	10 U	1 U
Benzo(k)fluoranthene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	1 U
Benzo(g,h,i)perylene		NE	10 U	10 U	10 U	10 U	**0.94 J***	10 U	10 U	10 U	10 U*	10 U	10 U	10 U*
Benzo(a)pyrene		ND	1 U	**1 J**	10 U	10 U	**1.5**	10 U	10 U	10 U	1 U	10 U	10 U	1 U
Chrysene		0.002*	2.1 U	**1 J**	10 U	10 U	**1.8 J**	10 U	10 U	10 U	2.1 U	10 U	10 U	2.1 U
Dibenz(a,h)anthracene		NE	1 U	10 U	10 U	10 U	**0.29 J**	10 U	10 U	10 U	1 U	10 U	10 U	1 U
Fluoranthene		50*	10 U	**3 J**	10 U	10 U	**2.6 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene		50*	10 U	**17**	**20.5**	**14.9**	**12**	10 U	10 U	10 U	10 U	**4 J**	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	1 U	10 U	10 U	10 U	**0.67 J**	10 U	10 U	10 U	1 U	10 U	10 U	1 U
2-Methylnaphthalene		NE	10 U	**36**	**45.9**	**38.7**	**51**	10 U	10 U	10 U	10 U	**4 J**	10 U	10 U
Naphthalene		10*	**3.9 J**	**50**	**50.1**	**50.6**	**61**	10 U	10 U	10 U	10 U	**1 J**	10 U	10 U
Phenanthrene		50*	10 U	**9 J**	**14.4**	**7.2 J**	**10**	10 U	10 U	10 U	10 U	**4 J**	10 U	10 U
Pyrene		50*	10 U	**10**	**5.5 J**	**3.5 J**	**6.2 J**	10 U	10 U	10 U	10 U	**2 J**	10 U	10 U
Total PAH (17) (ND=0)		NE	**3.9**	**170**	**175.1**	**147.5**	**184.8**	ND	ND	ND	ND	**25**	ND	ND
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Sample Name			MW-03S	MW-03S	MW-03S	MW-03S	MW-05S	MW-05S	MW-05S	DUP01Q1	MW-05S	MW-05D	DUP-07	MW-05D
Sample Date			9/9/2016	12/1/2016	1/26/2017	5/23/2017	8/12/2016	11/7/2016	1/9/2017	1/9/2017	4/18/2017	8/12/2016	8/12/2016	11/7/2016
Parent Sample Code										MW-05D			MW-05D	
Analyte	Units	NYS AWQS												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	**0.11 J**	**33**	**30.5**	**19.2**	1 U	**11**	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	**2**	**2.8**	**2.1**	1 U	**1.6 J**	1 U	1 U	**1.8**
Ethylbenzene		5	1 U	**1.7**	1 U	**0.56 J**	**1300 D**	**2100**	**1680**	**5.5**	**1100**	**5**	**6**	**11.4**
Total Xylene		5	1 U	**2.5**	**1.5**	**0.58 J**	**1300 D**	**1770**	**1490**	**18.1**	**980**	**19**	**22**	**29.1**
Total BTEX (ND=0)		NE	ND	**4.2**	**1.5**	**1.25**	**2635**	**3903.3**	**3191.3**	**23.6**	**2092.6**	**24**	**28**	**42.3**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	**49**	**66.7**	**65**	**289**	**33 J**	**220 D**	**220 D**	**250**
Acenaphthylene			10 U	10 U	10 U	10 U	**12**	**16.9**	**18**	**50.2**	**9.7 J**	**33**	**39**	**35.8**
Anthracene		50*	10 U	10 U	10 U	10 U	**6 J**	**8.9 J**	**9.3 J**	**10**	**4.3 J**	**6 J**	**6 J**	**8.3 J**
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	5.2 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	5.2 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	5.2 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	52 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	5.2 U	10 U	10 U	10 U
Chrysene		0.002*	10 U	10 U	10 U	2.1 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	1 U	10 U	10 U	10 U	10 U	5.2 U	10 U	10 U	10 U
Fluoranthene		50*	10 U	10 U	10 U	10 U	**2 J**	**2.8 J**	**2.8 J**	**2.6 J**	52 U	**2 J**	**2 J**	10 U
Fluorene		50*	10 U	10 U	10 U	10 U	**26**	**39.7**	**43.2**	**63.6**	**19 J**	**35**	**40**	**51.4**
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	5.2 U	10 U	10 U	10 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	**240 D**	**276**	**278**	**1160**	**130**	**970 D**	**920 D**	**1090**
Naphthalene		10*	10 U	10 U	10 U	10 U	**1100 D**	**1100**	**1270**	**674**	**540**	**610 D**	**670 D**	**564**
Phenanthrene		50*	10 U	10 U	10 U	10 U	**34**	**50.2**	**50.6**	**49.8**	**19 J**	**34**	**31**	**45.6**
Pyrene		50*	10 U	10 U	10 U	10 U	**2 J**	**3.4 J**	**3.4 J**	**3.3 J**	52 U	**2 J**	**2 J**	**2.8 J**
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	**1471**	**1564.6**	**1740.3**	**2302.5**	**755**	**1912**	**1930**	**2047.9**
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Analyte	Units	NYS AWQS	MW-05D 1/9/2017	MW-05D 4/18/2017	OU1PZ-101 8/3/2016	OU1PZ-101 11/29/2016	OU1PZ-101 1/17/2017	OU1PZ-101 4/26/2017	OU1PZ-102 8/3/2016	OU1PZ-102 11/29/2016	OU1PZ-102 1/17/2017	DUP-02 1/17/2017 OU1PZ-102	OU1PZ-102 4/26/2017	OU1PZ-103 8/3/2016
BTEX	µg/L													
Benzene		1	1 U	1 U	**1**	**1.1**	**1.3 J**	**1 J**	**1**	**9.2**	1 U	1 U	**0.53 J**	**15**
Toluene		5	1 U	1 U	**5**	**2.5**	**3.9 J**	**2.5 J**	**1**	**5.1**	1 U	1 U	**0.53 J**	**5**
Ethylbenzene		5	**6.2**	**3.8**	**4000 D**	**3220**	**3740**	**2300**	**53**	**72.9**	**31.1**	**32.8**	**16**	**1100 D**
Total Xylene		5	**17.8**	**9.9**	**960 D**	**529 J**	**752**	**520**	**37**	**74**	**19.5**	**19.5**	**13**	**300**
Total BTEX (ND=0)		NE	**24**	**13.7**	**4966**	**3752.6**	**4497.2**	**2823.5**	**92**	**161.2**	**50.6**	**52.3**	**30.06**	**1420**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**261**	**180**	**16**	**11.2**	**15.7**	**11 J**	**5 J**	**10.8**	10 U	10 U	**1.1 J**	**26**
Acenaphthylene			**48.2**	**35 J**	**2 J**	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	**2 J**
Anthracene		50*	**9.4 J**	**7.5 J**	**2 J**	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	**7 J**
Benzo(a)anthracene		0.002*	10 U	5.2 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	10 U	1 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	5.2 U	10 U	10 UJ	10 U	5 U*	10 U	10 U	10 U	10 U	1 U*	10 U
Benzo(k)fluoranthene		0.002*	10 U	5.2 U	10 U	10 UJ	10 U	5 U	10 U	10 U	10 U	10 U	1 U	10 U
Benzo(g,h,i)perylene		NE	10 U	52 U	10 U	10 UJ	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	5.2 U	10 U	10 UJ	10 U	5 U*	10 U	10 U	10 U	10 U	1 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	2 U	10 U
Dibenz(a,h)anthracene		NE	10 U	5.2 U	10 U	10 UJ	10 U	5 U	10 U	10 U	10 U	10 U	1 U	10 U
Fluoranthene		50*	**2.6 J**	52 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	**2 J**
Fluorene		50*	**61.2**	**45 J**	**9 J**	**5.8 J**	**9.1 J**	**4.9 J**	10 U	10 U	10 U	10 U	10 U	**12**
Indeno(1,2,3-cd)pyrene		0.002*	10 U	5.2 U	10 U	10 UJ	10 U	5 U	10 U	10 U	10 U	10 U	1 U	10 U
2-Methylnaphthalene		NE	**1160**	**610**	**60**	**35.9**	**113 J**	**68**	10 U	10 U	10 U	10 U	10 U	**36**
Naphthalene		10*	**637**	**290**	**1100 D**	**963**	**1700**	**650**	**12**	**13.7**	**3.6 J**	**3.3 J**	10 U	**770 D**
Phenanthrene		50*	**49.4**	**37 J**	**9 J**	**7.2 J**	**7.4 J**	**4.2 J**	10 U	10 U	10 U	10 U	10 U	**40**
Pyrene		50*	**3.1 J**	52 U	**1 J**	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	**2 J**
Total PAH (17) (ND=0)		NE	**2231.9**	**1204.5**	**1199**	**1023.1**	**1845.2**	**738.1**	**17**	**24.5**	**3.6**	**3.3**	**1.1**	**897**
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Bay Shore, NY

Analyte	Units	NYS AWQS	OU1PZ-103 12/1/2016	OU1PZ-103 1/17/2017	OU1PZ-103 6/2/2017	OU1PZ-104 8/3/2016	OU1PZ-104 12/1/2016	OU1PZ-104 1/17/2017	OU1PZ-104 6/2/2017	OU1PZ-105 8/3/2016	OU1PZ-105 11/29/2016	OU1PZ-105 1/19/2017	OU1PZ-105 4/26/2017	OU2MW-50S 7/26/2016
Sample Name														
Sample Date														
Parent Sample Code														
BTEX	µg/L													
Benzene		1	**5.3**	**7.1**	**1.7**	**9**	**7.1**	**4.4**	**2.2**	1 U	1 U	1 U	1 U	1 U
Toluene		5	**7.9**	**12.7**	**2.2**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	**159**	**668**	**24**	**4**	1 U	**3.4**	**0.41 J**	**160**	**83.4**	**65.9**	**19**	1 U
Total Xylene		5	**73.5**	**170**	**13**	**5**	**4**	**4.8**	**2.2**	**120**	**54.5 J**	**45.2**	**19**	1 U
Total BTEX (ND=0)		NE	**245.7**	**857.8**	**40.9**	**18**	**11.1**	**12.6**	**4.81**	**280**	**137.9**	**111.1**	**38**	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**26.7**	10 U	**12**	**5 J**	**5.1 J**	**5.3 J**	**2.9 J**	**4 J**	**3.2 J**	**3.3 J**	**2.6 J**	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	**6.5 J**	10 U	**3.7 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U*	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U*	10 U
Chrysene		0.002*	10 U	10 U	2 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Fluoranthene		50*	10 U	10 U	**1.5 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene		50*	**15.4**	10 U	**7.7 J**	10 U	10 U	10 U	10 U	**3 J**	10 U	10 U	**1.3 J**	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
2-Methylnaphthalene		NE	**8.8 J**	10 U	10 U	10 U	10 U	10 U	10 U	**30**	**23.2**	**22.4**	**12**	10 U
Naphthalene		10*	**108**	10 U	**2.1 J***	10 U	10 U	10 U	10 U*	**260 D**	**227**	**143**	**61**	10 U
Phenanthrene		50*	**38.5**	10 U	**21**	**1 J**	10 U	10 U	10 U	**3 J**	10 U	10 U	**1.1 J**	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	10 U
Total PAH (17) (ND=0)		NE	**203.9**	ND	**48**	**6**	**5.1**	**5.3**	**2.9**	**300**	**253.4**	**168.7**	**78**	ND
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Bay Shore, NY

Sample Name			OU2MW-50S	OU2MW-50S	OU2MW-50S	OU2MW-50I	OU2MW-50I	OU2MW-50I	OU2MW-50I	OU2MW-50I2	OU2MW-50I2	OU2MW-50I2	OU2MW-50I2	OU2MW-50D
Sample Date			11/8/2016	1/12/2017	4/12/2017	7/26/2016	11/8/2016	1/12/2017	4/12/2017	7/26/2016	11/8/2016	1/12/2017	4/12/2017	7/26/2016
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	1 U	1 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	1 U
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Chrysene		0.002*	10 U	10 U	2.1 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2.1 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
2-Methylnaphthalene		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
Naphthalene		10*	10 U	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	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	10 U
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-50D	DUP03 Q4	OU2MW-50D	OU2MW-50D	OU2MW-57S	OU2MW-57S	OU2MW-57S	OU2MW-57S	OU2MW-57I	OU2MW-57I	OU2MW-57I	OU2MW-57I
Sample Date			11/8/2016	11/8/2016	1/12/2017	4/12/2017	7/25/2016	11/29/2016	1/19/2017	4/12/2017	7/25/2016	11/29/2016	1/19/2017	4/13/2017
Parent Sample Code				OU2MW-50D										
Analyte	Units	NYS AWQS												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	1 U	1 U	1 U	**4**	**12.1**	**2.5**	**0.8 J**	1 U	1 U	1 U	1 U
Total Xylene		5	1 U	1 U	1 U	2 U	**3**	**8.6 J**	**2.8**	**1.2 J**	**2**	1 U	1 U	2 U
Total BTEX (ND=0)		NE	ND	ND	ND	ND	**7**	**20.7**	**5.3**	**2**	**2**	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	**10**	**11.2**	**8.8 J**	**7 J**	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	**1.2 J**	10 U	**15.9**	**17.4**	**3.3 J**
Anthracene		50*	10 U	10 U	10 U	10 U	**3 J**	**3.2 J**	10 U	**1.5 J**	10 U	**2.9 J**	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Chrysene		0.002*	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2.1 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Fluoranthene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**0.78 J**	10 U	10 U	10 U	10 U
Fluorene		50*	10 U	10 U	10 U	10 U	**8 J**	**8.1 J**	**7.8 J**	**6.1 J**	10 U	**3.1 J**	**3.4 J**	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	**2 J**	10 U	10 U	**1 J**	10 U	10 U	**3.3 J**	10 U
Naphthalene		10*	10 U	10 U	10 U	10 U	**3 J**	**5 J**	**8.9 J**	**4.4 J**	10 U	**3.9 J**	**6.3 J**	10 U
Phenanthrene		50*	10 U	10 U	10 U	10 U	**5 J**	**13.9**	**9.6 J**	**2.4 J**	10 U	**12.6**	**8.3 J**	10 U
Pyrene		50*	10 U	10 U	10 U	10 U	**1 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	**32**	**41.4**	**35.1**	**24.38**	ND	**38.4**	**38.7**	**3.3**
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Bay Shore, NY

Sample Name			OU2MW-57I2	OU2MW-57I2	OU2MW-57I2	OU2MW-57I2	OZMW-16S	OZMW-16S	OZMW-16S	OZMW-16S	OZMW-16I	OZMW-16I	OZMW-16I	OZMW-16I
Sample Date			7/25/2016	11/29/2016	1/19/2017	4/12/2017	7/6/2016	10/18/2016	1/27/2017	4/11/2017	7/6/2016	10/18/2016	1/27/2017	4/11/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	**1.1**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	1 U	**2.2**	1 U	2 U
Total BTEX (ND=0)		NE	ND	**1.1**	ND	ND	ND	ND	ND	ND	ND	**2.2**	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**5 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			**31**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	**5 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Chrysene		0.002*	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2.1 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Fluoranthene		50*	**1 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene		50*	**11**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
2-Methylnaphthalene		NE	**1 J**	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**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene		50*	**22**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene		50*	**2 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total PAH (17) (ND=0)		NE	**88**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Bay Shore, NY

Sample Name			OZMW-16I2	OZMW-16I2	DUP01 Q4	OZMW-16I2	OZMW-16I2	OZMW-16D	OZMW-16D	OZMW-16D	OZMW-16D	OZMW-17S	OZMW-17S	OZMW-17S
Sample Date			7/6/2016	10/18/2016	10/18/2016	1/27/2017	4/11/2017	7/6/2016	10/18/2016	1/27/2017	4/11/2017	7/7/2016	11/2/2016	2/2/2017
Parent Sample Code					OZMW-16I2									
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	**2**	1 U	**1**	1 U	1 U	1 U	1 U	**1.5**	**1.1**	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	**2**	1 U	1 U	1 U	**0.71 J**	1 U	1 U	1 U	**0.75 J**	1 U	1 U	1 U
Total Xylene		5	**12**	**4.7**	**4.6**	1 U	**2.3**	1 U	**1.4**	**4**	**1.9 J**	1 U	1 U	1 U
Total BTEX (ND=0)		NE	**16**	**4.7**	**5.6**	ND	**3.01**	ND	**1.4**	**5.5**	**3.75**	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**7 J**	**10.5**	**10.8**	10 U	**3 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	**3.4 J**	**3.4 J**	10 U	10 U	**2 J**	10 U	**2.8 J**	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Chrysene		0.002*	10 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	10 U	**4.6 J**	10 U	10 U	10 U	10 U	10 U
Naphthalene		10*	10 U	10 U	10 U	10 U	10 U	**15**	**39.6**	**42.3**	**9.3 J**	10 U	10 U	10 U
Phenanthrene		50*	**1 J**	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	10 U
Total PAH (17) (ND=0)		NE	**8**	**13.9**	**14.2**	ND	**3**	**17**	**44.2**	**45.1**	**9.3**	ND	ND	ND
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

		Sample Name	DUP05Q1	OZMW-17S	OZMW-17I	OZMW-17I	OZMW-17I	OZMW-17I	OZMW-17I2	OZMW-17I2	OZMW-17I2	OZMW-17I2	OZMW-17D	OZMW-17D
		Sample Date	2/2/2017	5/4/2017	7/7/2016	11/2/2016	2/2/2017	5/10/2017	7/7/2016	11/2/2016	2/2/2017	5/10/2017	7/7/2016	11/2/2016
		Parent Sample Code	OZMW-17S											
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	**4**	1 U
Total Xylene		5	1 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	2 U	**32**	**4.8 J**
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**36**	**4.8**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U*	10 U	10 U	10 U	10 U*	**3 J**	**2.8 J**
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**32**	**23**
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**1 J**	10 U
Benzo(a)anthracene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Chrysene		0.002*	10 U	2.1 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Fluorene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**9 J**	**6.6 J**
Indeno(1,2,3-cd)pyrene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**50**	**11.5**
Naphthalene		10*	10 U	10 U	**2 J**	10 U	10 U	10 U*	10 U	10 U	10 U	10 U*	**130 D**	**34.6**
Phenanthrene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**8 J**	**6.7 J**
Pyrene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total PAH (17) (ND=0)		NE	ND	ND	**2**	ND	ND	ND	ND	ND	ND	ND	**233**	**85.2**
Other														
Sulfate	µg/L	250000											**39400**	**45000**

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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		Sample Name	OZMW-17D	OZMW-17D	OZMW-18S	OZMW-18S	OZMW-18S	OZMW-18S	OZMW-18I	OZMW-18I	OZMW-18I	OZMW-18I	OZMW-18I2	OZMW-18I2
		Sample Date	2/2/2017	5/11/2017	7/26/2016	11/30/2016	1/5/2017	5/18/2017	7/26/2016	11/30/2016	1/5/2017	5/18/2017	7/7/2016	11/2/2016
		Parent Sample Code												
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	**2.3**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	**1.2**	**11**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	**14.3**	**94**	1 U	1 U	**1.4**	2 U	1 U	**1 J**	1 U	2 U	1 U	1 U
Total BTEX (ND=0)		NE	**15.5**	**107.3**	ND	ND	**1.4**	ND	ND	**1**	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**6.6 J**	**5.6 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**9.5 J**
Acenaphthylene			**52.8**	**72**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 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)anthracene		0.002*	10 U	5 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	5 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	5 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(g,h,i)perylene		NE	10 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	10 U	5 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Chrysene		0.002*	10 U	10 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	5 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Fluoranthene		50*	10 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*	**13.5**	**17 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	5 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
2-Methylnaphthalene		NE	**11.5**	**64**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**7.7 J**
Naphthalene		10*	**49.7**	**370**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**49.8**
Phenanthrene		50*	**7 J**	**9.5 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene		50*	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total PAH (17) (ND=0)		NE	**141.1**	**538.1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**67**
Other														
Sulfate	µg/L	250000	**45700**	**43200**										

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Bay Shore, NY

Sample Name			OZMW-18I2	OZMW-18I2	OZMW-18D	OZMW-18D	OZMW-18D	OZMW-18D	OZMW-19S	OZMW-19S	OZMW-19S	OZMW-19S	OZMW-19I	OZMW-19I
Sample Date			2/8/2017	5/18/2017	7/7/2016	11/2/2016	2/8/2017	5/18/2017	7/21/2016	11/30/2016	1/31/2017	4/18/2017	7/21/2016	11/21/2016
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	**9.9**	**0.11 J**	**1**	1 R	1 U	**0.3 J**	**1**	1 U	1 U	**0.23 J**	**7**	**9.6**
Toluene		5	**2.3**	1 U	**28**	**21.2**	**19.6**	**19**	**2**	1 U	1 U	**1.5**	1 U	**1.6**
Ethylbenzene		5	**10.6**	**0.34 J**	**19**	**17.9**	**24.4**	**19**	**430 D**	**118**	**267**	**370**	**100**	**151 J**
Total Xylene		5	**23.9**	**0.76 J**	**99**	**93.2 J**	**175**	**110**	**340**	**343 J**	**495**	**410**	**72**	**118**
Total BTEX (ND=0)		NE	**46.7**	**1.21**	**147**	**132.3**	**219**	**148.3**	**773**	**461**	**762**	**781.73**	**179**	**280.2**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**71.7**	**6.1 J**	**7 J**	**10.6**	**14.7**	**9.4 J**	**29**	**74.9**	**70.2**	**49**	**57**	**129 J**
Acenaphthylene			**9.4 J**	10 U	**43**	**62.3**	**95.9 J**	**85**	**2 J**	**4.1 J**	**4.1 J**	**3.8 J**	**3 J**	**3.7 J**
Anthracene		50*	10 U	10 U	**2 J**	10 U	**4.5 J**	50 U	**4 J**	**12.7**	**11.3**	**6.2 J**	**6 J**	**8.7 J**
Benzo(a)anthracene		0.002*	10 U	1 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	**1.5**	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(g,h,i)perylene		NE	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 UJ
Benzo(a)pyrene		ND	10 U	1 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	**0.77 J**	10 U	10 U
Chrysene		0.002*	10 U	2 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**1.1 J**	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	1 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	1 U	10 U	10 UJ
Fluoranthene		50*	10 U	10 U	10 U	10 U	10 U	50 U	**2 J**	**6.9 J**	**5.3 J**	**3 J**	**2 J**	**2.5 J**
Fluorene		50*	**6.8 J**	**1.2 J**	**2 J**	**3.2 J**	**6.3 J**	**4.5 J**	**17**	**45.1**	**38.3**	**27**	**30**	**44.4**
Indeno(1,2,3-cd)pyrene		0.002*	10 U	1 U	10 U	10 U	10 U	5 U	10 U	10 U	10 U	1 U	10 U	10 UJ
2-Methylnaphthalene		NE	**72.8**	**1.9 J**	**5 J**	**13.2**	**79**	**49 J**	**46**	**239**	**254**	**100**	**2 J**	**153 J**
Naphthalene		10*	**1180**	**7.7 J**	**500 D**	**546**	**886**	**570**	**150 D**	**481**	**515**	**140**	10 U	**1210**
Phenanthrene		50*	10 U	10 U	**11**	**15**	**27.6**	**17 J**	**16**	**52.2**	**48**	**21**	**37**	**59.6**
Pyrene		50*	10 U	10 U	10 U	10 U	10 U	50 U	**4 J**	**10.2**	**7.8 J**	**4.1 J**	**3 J**	**4 J**
Total PAH (17) (ND=0)		NE	**1340.7**	**16.9**	**570**	**650.3**	**1114**	**734.9**	**270**	**926.1**	**954**	**357.47**	**140**	**1614.9**
Other														
Sulfate	µg/L	250000			**77700 D**	**16200**	**79000**	**75200**						

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Bay Shore, NY

		Sample Name	OZMW-19I	OZMW-19I	OZMW-19I2	OZMW-19I2	OZMW-19I2	OZMW-19I2	DUP-02 Q2	OZMW-19D	OZMW-19D	OZMW-19D	OZMW-19D	OZMW-21I2
		Sample Date	1/31/2017	4/17/2017	7/21/2016	11/21/2016	1/31/2017	4/17/2017	4/17/2017	7/19/2016	11/21/2016	1/31/2017	4/17/2017	8/25/2016
		Parent Sample Code							OZMW-19I2					
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	**10.3**	**8.3**	**27**	**15**	**19**	**10**	**7.1**	**5**	1 U	1 U	1 U	**17**
Toluene		5	**1.1**	5 U	**5**	**2.6**	**4.5**	**3.2 J**	**2.6 J**	1 U	1 U	1 U	1 U	**3**
Ethylbenzene		5	**141**	**82**	**240 D**	**194 J**	**220**	**240**	**210**	**11**	**1.4 J**	1 U	**0.78 J**	**98**
Total Xylene		5	**78.3**	**55**	**240**	**185**	**196**	**160**	**140**	**27**	**11.3**	**5.5**	**6.4**	**83**
Total BTEX (ND=0)		NE	**230.7**	**145.3**	**512**	**396.6**	**439.5**	**413.2**	**359.7**	**43**	**12.7**	**5.5**	**7.18**	**201**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**199 J**	**130**	**72**	**119 J**	**127 J**	**75**	**75**	**17**	**8.4 J**	**6.8 J**	**6.1 J**	**100 DJ**
Acenaphthylene			**5.3 J**	10 U	**15**	**21.1**	**7.6 J**	**5.5 J**	**7.1 J**	**35**	**53.3**	**39.8**	**24**	**59**
Anthracene		50*	**13.1**	**9.8 J**	**7 J**	**7 J**	**7.2 J**	**5.4 J**	**6.3 J**	**2 J**	10 U	10 U	**1.8 J**	**10**
Benzo(a)anthracene		0.002*	10 U	1 U	10 U	10 U	10 U	5.2 U	5.2 U	10 U	10 U	10 U	1 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	5.2 U	5.2 U	10 U	10 U	10 U	1 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	5.2 U	5.2 U	10 U	10 U	10 U	1 U	10 U
Benzo(g,h,i)perylene		NE	10 U	10 U	10 U	10 UJ	10 U	52 U	52 U	10 U	10 UJ	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	1 U	10 U	10 U	10 U	5.2 U	5.2 U	10 U	10 U	10 U	1 U	10 U
Chrysene		0.002*	10 U	2.1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.1 U	10 U
Dibenz(a,h)anthracene		NE	10 U	1 U	10 U	10 UJ	10 U	5.2 U	5.2 U	10 U	10 UJ	10 U	1 U	10 U
Fluoranthene		50*	**3.8 J**	**3.1 J**	**2 J**	10 U	10 U	52 U	52 U	10 U	10 U	10 U	**1 J**	**3 J**
Fluorene		50*	**67.9**	**68**	**16**	**20**	**14.5**	**9.1 J**	**9.4 J**	**9 J**	**9.8 J**	**6.1 J**	**7 J**	**47**
Indeno(1,2,3-cd)pyrene		0.002*	10 U	1 U	10 U	10 UJ	10 U	5.2 U	5.2 U	10 U	10 UJ	10 U	1 U	10 U
2-Methylnaphthalene		NE	**273**	**6.5 J**	**160 DJ**	**258 J**	**173 J**	**81**	**83**	**46**	**50.7**	**13.1**	10 U	**700 D**
Naphthalene		10*	**1320**	**0.85 J**	**2000 D**	**3280**	**2550**	**750**	**760**	**280 D**	**371**	**225**	10 U	**1700 D**
Phenanthrene		50*	**102 J**	**70**	**37**	**44.7**	**47.2**	**36 J**	**43 J**	**16**	**11.9**	**13.3**	**9.2 J**	**53**
Pyrene		50*	**5.5 J**	**3.7 J**	**3 J**	**3.4 J**	**3.1 J**	52 U	52 U	**1 J**	10 UJ	10 U	**1.9 J**	**4 J**
Total PAH (17) (ND=0)		NE	**1989.6**	**291.95**	**2312**	**3753.2**	**2929.6**	**962**	**983.8**	**406**	**505.1**	**304.1**	**51**	**2676**
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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		Sample Name	OZMW-21I2	OZMW-21I2	OZMW-21I2	OZMW-22SR	OZMW-22SR	OZMW-22SR	OZMW-22SR	OZMW-23S	OZMW-23S	OZMW-23S	OZMW-23S	OZMW-23I
		Sample Date	10/28/2016	1/9/2017	4/14/2017	9/1/2016	10/28/2016	1/19/2017	4/25/2017	7/5/2016	10/5/2016	1/4/2017	4/10/2017	7/5/2016
		Parent Sample Code												
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	**21.3**	**18**	**4.3 J**	1 U	1 U	1 U	**0.18 J**	1 U	1 U	1 U	1 U	1 U
Toluene		5	**3.3**	**3**	**2.2 J**	1 U	1 U	1 U	**0.53 J**	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	**125**	**95**	**34**	**2**	1 U	**2.8**	**0.92 J**	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	**95.7**	**81.5**	**34**	**4**	1 U	**8.3**	**13**	1 U	1 U	1 U	2 U	1 U
Total BTEX (ND=0)		NE	**245.3**	**197.5**	**74.5**	**6**	ND	**11.1**	**14.63**	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**152 J**	**174 J**	**200 J**	**2 J**	10 U	10 U	**4.5 J**	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			**66.5**	**77.6**	**94 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	**9.5 J**	**12.2**	**16 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	21 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	21 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	21 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Benzo(g,h,i)perylene		NE	10 UJ	10 U	210 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	10 U	21 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Chrysene		0.002*	10 U	10 U	41 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2.1 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	21 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U
Fluoranthene		50*	10 U	**3.6 J**	210 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene		50*	**52.3**	**72.4**	**86 J**	**2 J**	10 U	10 U	**1.2 J**	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 UJ	10 U	21 U	10 U	10 UJ	10 U	1 U	10 U	10 U	10 U	1 U	10 U
2-Methylnaphthalene		NE	**1160**	**1190**	**1200**	**4 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene		10*	**2880**	**2800**	**2800**	10 U	10 U	10 U	**4.8 J**	10 U	10 U	10 U	10 U	10 U
Phenanthrene		50*	**51.7**	**63.9**	**79 J**	**2 J**	10 U	10 U	**1.1 J**	10 U	10 U	10 U	10 U	10 U
Pyrene		50*	**3.3 J**	**4.3 J**	210 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total PAH (17) (ND=0)		NE	**4375.3**	**4398**	**4475**	**10**	ND	ND	**11.6**	ND	ND	ND	ND	ND
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Bay Shore, NY

Sample Name			DUP-01 Q3	OZMW-23I	OZMW-23I	OZMW-23I	OZMW-23I2	OZMW-23I2	OZMW-23I2	OZMW-23I2	OZMW-23D	OZMW-23D	OZMW-23D	OZMW-23D
Sample Date			7/5/2016	10/5/2016	1/4/2017	4/10/2017	7/5/2016	10/5/2016	1/4/2017	4/11/2017	7/5/2016	10/5/2016	1/4/2017	4/11/2017
Parent Sample Code			OZMW-23I											
Analyte	Units	NYS AWQS												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Chrysene		0.002*	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
2-Methylnaphthalene		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
Naphthalene		10*	10 U	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	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	10 U
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
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Sample Name			Dup-01 Q2	OZMW-24S	OZMW-24S	OZMW-24S	OZMW-24S	OZMW-24I	OZMW-24I	OZMW-24I	OZMW-24I	OZMW-24I2	OZMW-24I2	OZMW-24I2
Sample Date			4/11/2017	7/5/2016	10/5/2016	1/4/2017	4/11/2017	7/6/2016	10/5/2016	1/4/2017	4/11/2017	7/6/2016	10/20/2016	1/5/2017
Parent Sample Code			OZMW-23D											
Analyte	Units	NYS AWQS												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	1 U	**1.2**	1 U	**0.49 J**	1 U	1 U	1 U	1 U	**6**	**6.7**	**9.8**
Total Xylene		5	2 U	1 U	**1.6**	1 U	**0.73 J**	1 U	1 U	1 U	2 U	**71**	**56.2 J**	**101**
Total BTEX (ND=0)		NE	ND	ND	**2.8**	ND	**1.22**	ND	ND	ND	ND	**77**	**62.9**	**110.8**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	**5.2 J**	**8 J**	10 U	10 U	10 U	10 U	10 U	**35**	**46.3**	**61.8**
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**100 DJ**	**125 J**	**174 J**
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**5 J**	**6 J**	**9.4 J**
Benzo(a)anthracene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Chrysene		0.002*	2 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	**1 J**	10 U	**2.5 J**
Fluorene		50*	10 U	10 U	10 U	**3.2 J**	10 U	10 U	10 U	10 U	10 U	**27**	**36**	**46.8**
Indeno(1,2,3-cd)pyrene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**270 DJ**	**355 J**	**668**
Naphthalene		10*	10 U	10 U	10 U	**10 J**	10 U	10 U	10 U	10 U	**1.1 J**	**1500 D**	**1790**	**3220**
Phenanthrene		50*	10 U	10 U	10 U	**4 J**	10 U	10 U	10 U	10 U	10 U	**28**	**32.4**	**48.1**
Pyrene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**2 J**	10 U	10 U
Total PAH (17) (ND=0)		NE	ND	ND	**5.2**	**25.2**	ND	ND	ND	ND	**1.1**	**1968**	**2390.7**	**4230.6**
Other														
Sulfate	µg/L	250000												

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OZMW-24I2	OZMW-24D	OZMW-24D	OZMW-24D	OZMW-24D	OZMW-25S	OZMW-25S	OZMW-25S	OZMW-25S	OZMW-25I	OZMW-25I	OZMW-25I
Sample Date			4/11/2017	7/6/2016	10/20/2016	1/5/2017	4/11/2017	8/2/2016	11/7/2016	2/23/2017	4/14/2017	7/26/2016	11/7/2016	2/23/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	5 U	**2**	**1.5**	**1.6**	**0.93 J**	**11**	**13.6**	**9.1**	**4.1 J**	**22**	1 U	**27.9**
Toluene		5	5 U	**120**	**101**	**121**	**65**	**4**	**7.4**	**4.6**	**2.8 J**	**3**	**7.3**	**4.1**
Ethylbenzene		5	**7.6**	**79**	**66.8**	**77.3**	**43**	**610 D**	**472**	**412**	**330**	**230 D**	**216**	**296**
Total Xylene		5	**120**	**480 D**	**541 J**	**675**	**390**	**410**	**349**	**379**	**250**	**170**	**158**	**199**
Total BTEX (ND=0)		NE	**127.6**	**681**	**710.3**	**874.9**	**498.93**	**1035**	**842**	**804.7**	**586.9**	**425**	**381.3**	**527**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**59 J**	**11**	**9.8 J**	**11.7**	210 U	**83 DJ**	**110 J**	**169 J**	**140**	**130 DJ**	**143 J**	**168 J**
Acenaphthylene			**190 J**	**210 DJ**	**136 J**	**178 J**	**270**	**4 J**	**44.1**	**17.1**	**15**	**49**	**48.4**	**38.3**
Anthracene		50*	210 U	**5 J**	**4.7 J**	**6 J**	210 U	**4 J**	**5.5 J**	**7.7 J**	**5.1 J**	**9 J**	**10.5**	**12.1**
Benzo(a)anthracene		0.002*	21 U	10 U	10 U	10 U	21 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	21 U	10 U	10 U	10 U	21 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	21 U	10 U	10 U	10 U	21 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(g,h,i)perylene		NE	210 U	10 U	10 U	10 U	210 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	21 U	10 U	10 U	10 U	21 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Chrysene		0.002*	42 U	10 U	10 U	10 U	42 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE	21 U	10 U	10 U	10 U	21 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Fluoranthene		50*	210 U	10 U	10 U	10 U	210 U	**1 J**	10 U	10 U	**1.8 J**	**3 J**	**5.7 J**	**3.5 J**
Fluorene		50*	**48 J**	**35**	**30.6**	**37**	**64 J**	**38**	**47**	**44.5**	**44**	**45**	**53.4**	**81 J**
Indeno(1,2,3-cd)pyrene		0.002*	21 U	10 U	10 U	10 U	21 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
2-Methylnaphthalene		NE	**560**	**510 D**	**312 J**	**501**	**660**	**80 DJ**	**411 J**	**557**	**99**	**630 D**	**616 J**	**811**
Naphthalene		10*	**3100**	**2500 D**	**1680**	**2640**	**2800**	**690 D**	**2030**	**2180**	**99**	**1300 D**	**2040**	**1970**
Phenanthrene		50*	**37 J**	**33**	**27.1**	**35.1**	**48 J**	**32**	**39.4**	**53.1**	**33**	**43**	**61.8**	**72.4**
Pyrene		50*	210 U	**1 J**	10 U	10 U	210 U	**2 J**	10 U	**2.5 J**	**1.7 J**	**3 J**	**8 J**	**4.6 J**
Total PAH (17) (ND=0)		NE	**3994**	**3305**	**2200.2**	**3408.8**	**3842**	**934**	**2687**	**3030.9**	**438.6**	**2212**	**2986.8**	**3160.9**
Other														
Sulfate	µg/L	250000		**291000 D**		**291000**	**211000**							

Table 4-3. OU-1 Summary of Expanded Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OZMW-25I	OZMW-25I2	OZMW-25I2	OZMW-25I2	OZMW-25I2	OZMW-26I2	OZMW-26I2	OZMW-26I2	OZMW-26I2	DUP-04 Q2
Sample Date			4/18/2017	7/26/2016	11/7/2016	2/23/2017	4/18/2017	7/19/2016	11/21/2016	1/31/2017	4/25/2017	4/25/2017
Parent Sample Code												OZMW-26I2
Analyte	Units	NYS AWQS										
BTEX	µg/L											
Benzene		1	**16**	**1**	1 U	1 U	**0.18 J**	**1**	**11.9**	**6.3**	1 U	1 U
Toluene		5	**2.3 J**	1 U	**3.8**	1 U	**0.32 J**	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	**180**	**7**	**14.9**	1 U	**23**	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	**140**	**7**	**18.9**	**2.7**	**20**	**1**	**11.1**	**4.5**	2 U	2 U
Total BTEX (ND=0)		NE	**338.3**	**15**	**37.6**	**2.7**	**43.5**	**2**	**23**	**10.8**	ND	ND
NYSDEC PAH17	µg/L											
Acenaphthene		20*	**140**	**14**	**13.5**	**15.3**	**29**	**6 J**	**14.9**	**12.4**	10 U	10 U
Acenaphthylene			**28 J**	**37**	**44.7**	**53.1**	**46**	10 U	**3 J**	**3.3 J**	10 U	10 U
Anthracene		50*	**7.5 J**	**9 J**	**6.2 J**	**10.6**	**12**	10 U	10 U	**2.8 J**	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 U
Benzo(g,h,i)perylene		NE	100 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 U
Chrysene		0.002*	21 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2.1 U	2.1 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	10 U	1 U	10 U	10 UJ	10 U	1 U	1 U
Fluoranthene		50*	100 U	**4 J**	10 U	**4.4 J**	**4.3 J**	10 U	10 U	10 U	10 U	10 U
Fluorene		50*	**60 J**	**29**	**26.3**	**41.8**	**48**	10 U	**3 J**	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	10 U	1 U	10 U	10 UJ	10 U	1 U	1 U
2-Methylnaphthalene		NE	**620**	**13**	**25.5**	**34.3**	**35**	10 U	10 U	10 U	10 U	10 U
Naphthalene		10*	**1400**	**51**	**86.8**	**49**	**160**	10 U	10 U	10 U	10 U	10 U
Phenanthrene		50*	**56 J**	**45**	**42.6**	**69.2**	**69**	**1 J**	**16.6**	**12.7**	10 U	10 U
Pyrene		50*	100 U	**5 J**	**3.3 J**	**6.2 J**	**4.7 J**	10 U	10 UJ	10 U	10 U	10 U
Total PAH (17) (ND=0)		NE	**2311.5**	**207**	**248.9**	**283.9**	**408**	**7**	**37.5**	**31.2**	ND	ND
Other												
Sulfate	µg/L	250000										

Table 4-4. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Upgradient of Subsurface Barrier Wall
Annual GM and OM&M Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		1999	2002			2003			2004				2005
		Oct/Nov	Apr/May	Jun/Jul	Nov/Dec	Feb/Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug	Nov/Dec	Feb/Mar
BBMW-01S	5.0 - 15.0	270	219	--	3,440	2,000	2,500	2,661	3,510	1,988	1,576	2,520	1,930
BBMW-01I	32.0 - 42.0	3	222	--	230	710	460	350	190	170	170	93	220
BBMW-01D	68.5 - 78.5	214	542	--	--	--	1,294	1,193	293	265	304	94	191
BBMW-23S	5.0 - 15.0	--	--	32,850	43,650	22,100	34,485	20,162	20,573	21,133	20,954	6,284	6,047
BBMW-23I	33.0 - 43.0	--	--	0	--	0	0	0	0	0	0	0	--
BBMW-23D	49.5 - 59.5	--	--	10	17	15	53	45	0	12	136	71	234
BBMW-23D2	63.0 - 73.0	--	--	28	--	0	97	80	0	--	0	--	0
OU2MW-17S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18D	60.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54D	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-58S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-58I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-4. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Upgradient of Subsurface Barrier Wall
Annual GM and OM&M Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2005			2006				2007				2008
		Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct	Oct-Dec	Jan-Mar
BBMW-01S	5.0 - 15.0	1,085	1,080	1,090	273	59	1,361	2,329	949	3,640	7,420	5,590	4,210
BBMW-01I	32.0 - 42.0	230	120	120	43	94	110	110	77	156	375	274	262
BBMW-01D	68.5 - 78.5	585	112	32	24	216	462	109	32	555	386	9	43
BBMW-23S	5.0 - 15.0	29,430	3,300	1,725	7,450	4,070	6,558	120	12,332	18,185	19,818	14,940	26,389
BBMW-23I	33.0 - 43.0	0	0	--	0	0	0	0	0	0	19	10	0
BBMW-23D	49.5 - 59.5	446	210	--	729	467	509	579	519	96	1,324	660	493
BBMW-23D2	63.0 - 73.0	--	--	--	0	--	--	--	0	0	0	0	0
OU2MW-17S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18D	60.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54D	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-58S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-58I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-4. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Upgradient of Subsurface Barrier Wall
Annual GM and OM&M Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2008			2009				2010				2011
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
BBMW-01S	5.0 - 15.0	3,022	1,251	797	284	43	29	187	23	38	4	11	2
BBMW-01I	32.0 - 42.0	64	57	36	47	66	29	19	76	11	0	3	1
BBMW-01D	68.5 - 78.5	81	75	21	33	47	115	105	213	83	72	58	32
BBMW-23S	5.0 - 15.0	22,830	18,758	9,986	11,860	6,483	11,108	7,779	9,643	11,441	6,213	4,890	4,327
BBMW-23I	33.0 - 43.0	3	0	0	0	0	0	115	0	6	0	3	0
BBMW-23D	49.5 - 59.5	23	12	14	7	10	6	3	2	1	0	1	0
BBMW-23D2	63.0 - 73.0	3	0	0	0	0	0	0	0	0	0	0	0
OU2MW-17S	5.0 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-17I	13.0 - 23.0	90	0	0	80	164	17	0	6	245	4	0	0
OU2MW-17I2	35.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-17D	60.0 - 75.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-18I	13.0 - 23.0	5,500	5,447	27,560	28,040	3,791	1,500	3,275	3,033	799	1,592	2,468	2,559
OU2MW-18I2	35.0 - 45.0	0	0	0	0	0	0	336	418	490	575	410	200
OU2MW-18D	60.0 - 70.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-54S	5.0 - 15.0	--	--	--	--	--	--	--	85	59	4	0	0
OU2MW-54I	20.0 - 25.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-54I2	40.0 - 45.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-54D	60.0 - 65.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-58S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-58I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	2

Table 4-4. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Upgradient of Subsurface Barrier Wall
Annual GM and OM&M Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2011			2012				2013				2014
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
BBMW-01S	5.0 - 15.0	2	1	0	0	0	0	--	--	0	--	--	--
BBMW-01I	32.0 - 42.0	0	0	0	0	0	0	--	--	3	--	0	0
BBMW-01D	68.5 - 78.5	11	94	20	26	2	124	0	9	7	5	6	4
BBMW-23S	5.0 - 15.0	4,104	654	3,771	3509	3718	2569	2,477	1,667	5,214	1,156	1,787	1,418
BBMW-23I	33.0 - 43.0	17	0	0	0	41	0	0	0	100	49	0	0
BBMW-23D	49.5 - 59.5	0	0	50	44	0	0	2	0	0	--	0	--
BBMW-23D2	63.0 - 73.0	0	0	0	0	0	0	--	--	0	--	0	--
OU2MW-17S	5.0 - 10.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-17I	13.0 - 23.0	2	19	3	10	0	0	1	7	3	0	3	0
OU2MW-17I2	35.0 - 45.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-17D	60.0 - 75.0	0	0	0	0	0	0	0	0	0	--	--	--
OU2MW-18I	13.0 - 23.0	1,739	2,190	126	6	0	2	4	0	0	--	--	--
OU2MW-18I2	35.0 - 45.0	315	568	298	96	66	21	24	19	27	3	7	0
OU2MW-18D	60.0 - 70.0	0	9	0	0	0	0	0	--	0	--	--	--
OU2MW-54S	5.0 - 15.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-54I	20.0 - 25.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-54I2	40.0 - 45.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-54D	60.0 - 65.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-58S	5.0-15.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-58I	25.0-30.0	0	0	0	0	0	0	--	--	0	--	--	--

Table 4-4. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Upgradient of Subsurface Barrier Wall
Annual GM and OM&M Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)										
		Sampling Date										
		2014			2015				2016			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec
BBMW-01S	5.0 - 15.0	0	--	--	--	--	--	--	--	--	--	--
BBMW-01I	32.0 - 42.0	0	0	0	0	0	0	0	0	0	0	0
BBMW-01D	68.5 - 78.5	10	125	2	6	7	117	5	5	2	36	2
BBMW-23S	5.0 - 15.0	1,866	1,317	1,730	2,205	1,854	582	573	183	1,962	922	192
BBMW-23I	33.0 - 43.0	0	0	0	--	6	--	0	--	0	0	0
BBMW-23D	49.5 - 59.5	0	--	--	--	--	--	0	--	--	--	--
BBMW-23D2	63.0 - 73.0	0	--	--	--	--	--	0	--	--	--	--
OU2MW-17S	5.0 - 10.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13.0 - 23.0	0	0	0	2	0	--	--	--	0	--	--
OU2MW-17I2	35.0 - 45.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60.0 - 75.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13.0 - 23.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35.0 - 45.0	0	5	0	0	0	--	--	--	--	--	--
OU2MW-18D	60.0 - 70.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-54S	5.0 - 15.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-54I	20.0 - 25.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-54I2	40.0 - 45.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-54D	60.0 - 65.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-58S	5.0-15.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-58I	25.0-30.0	0	--	--	--	--	--	--	--	--	--	--

Table 4-4. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Upgradient of Subsurface Barrier Wall
Annual GM and OM&M Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)						
		Sapmpling Date		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2017						
		Jan-Mar	Apr-Jun					
BBMW-01S	5.0 - 15.0	--	--	0	7,420	1,335	0	7,420
BBMW-01I	32.0 - 42.0	--	--	0	710	95	0	710
BBMW-01D	68.5 - 78.5	8	2	0	1,294	150	0	1,294
BBMW-23S	5.0 - 15.0	42	1,385	42	43,650	9,368	42	43,650
BBMW-23I	33.0 - 43.0	0	1	0	115	7	0	115
BBMW-23D	49.5 - 59.5	--	--	0	1,324	151	0	1,324
BBMW-23D2	63.0 - 73.0	--	--	0	97	6	0	97
OU2MW-17S	5.0 - 10.0	--	--	0	0	0	0	0
OU2MW-17I	13.0 - 23.0	--	--	0	245	22	0	245
OU2MW-17I2	35.0 - 45.0	--	--	0	0	0	0	0
OU2MW-17D	60.0 - 75.0	--	--	0	0	0	0	0
OU2MW-18I	13.0 - 23.0	--	--	0	28,040	4,074	0	28,040
OU2MW-18I2	35.0 - 45.0	--	--	0	575	134	0	575
OU2MW-18D	60.0 - 70.0	--	--	0	9	0	0	9
OU2MW-54S	5.0 - 15.0	--	--	0	85	11	0	85
OU2MW-54I	20.0 - 25.0	--	--	0	0	0	0	0
OU2MW-54I2	40.0 - 45.0	--	--	0	0	0	0	0
OU2MW-54D	60.0 - 65.0	--	--	0	0	0	0	0
OU2MW-58S	5.0-15.0	--	--	0	0	0	0	0
OU2MW-58I	25.0-30.0	--	--	0	2	0	0	2

Notes for groundwater tables are compiled at the end of the Tables in this section.

Table 4-5. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Upgradient of Subsurface Barrier Wall
Annual GM and OM&M Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		1999	2002			2003			2004				2005
		Oct/Nov	Apr/May	Jun/Jul	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug	Nov/Dec	Feb/Mar
BBMW-01S	5.0 - 15.0	2,055	3,420	--	2,823	600	1,102	1,730	2,077	1,394	869	1,565	2,067
BBMW-01I	32.0 - 42.0	66	9,720	--	10,616	5,600	6,398	8,514	7,772	7,709	4,679	9,754	9,659
BBMW-01D	68.5 - 78.5	1,605	4,566	--	--	--	4,871	4,543	1,460	1,800	1,359	429	821
BBMW-23S	5.0 - 15.0	--	--	2,397	2,681	1,400	2,319	2,383	1,288	1,733	2,220	599	921
BBMW-23I	33.0 - 43.0	--	--	0	--	178	0	61	0	0	0	0	--
BBMW-23D	49.5 - 59.5	--	--	741	802	910	1,203	1,562	468	400	1,081	931	1,493
BBMW-23D2	63.0 - 73.0	--	--	36	--	0	120	0	0	--	0	--	0
OU2MW-17S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18D	60.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54D	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-58S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-58I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-5. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Upgradient of Subsurface Barrier Wall
Annual GM and OM&M Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2005			2006				2007				2008
		Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct	Oct-Dec	Jan-Mar
BBMW-01S	5.0 - 15.0	1,333	1,034	2,425	1,043	0	956	2,158	659	4,347	3,927	3,929	1,432
BBMW-01I	32.0 - 42.0	7,734	10,674	8,276	3,679	6,746	7,141	10,165	5,812	7,721	8,946	8,071	10,403
BBMW-01D	68.5 - 78.5	2,832	50	251	349	863	2,250	425	195	2,090	1,248	50	55
BBMW-23S	5.0 - 15.0	1,830	994	890	1,410	959	759	2,521	1,741	2,519	1,785	2,703	2,569
BBMW-23I	33.0 - 43.0	13	33	--	146	88	65	59	199	2,207	2,559	31	16
BBMW-23D	49.5 - 59.5	1,665	2,161	--	2,459	2,391	2,994	2,353	2,591	6,619	5,835	5,620	3,118
BBMW-23D2	63.0 - 73.0	--	--	--	0	--	--	--	0	0	1	0	2
OU2MW-17S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18D	60.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54D	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-58S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-58I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-5. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Upgradient of Subsurface Barrier Wall
Annual GM and OM&M Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2008			2009				2010				2011
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
BBMW-01S	5.0 - 15.0	1,640	1,991	142	359	119	0	126	46	63	44	42	36
BBMW-01I	32.0 - 42.0	6,532	8,764	5,806	3,303	10,202	5,703	5,737	5,463	904	431	1,714	508
BBMW-01D	68.5 - 78.5	183	274	13	68	92	141	220	273	248	135	134	103
BBMW-23S	5.0 - 15.0	2,169	1,838	1,340	1,673	2,456	3,162	2,697	1,571	2,292	948	976	71
BBMW-23I	33.0 - 43.0	14	23	0	12	2	0	237	2	1	0	0	0
BBMW-23D	49.5 - 59.5	188	95	0	0	31	1	27	5	14	15	12	0
BBMW-23D2	63.0 - 73.0	50	0	0	0	0	0	0	0	0	1	0	0
OU2MW-17S	5.0 - 10.0	0	2	0	0	0	0	0	0	0	0	0	0
OU2MW-17I	13.0 - 23.0	25	2	0	0	24	6	2	1	0	0	0	0
OU2MW-17I2	35.0 - 45.0	0	1	0	0	0	0	0	0	0	0	0	0
OU2MW-17D	60.0 - 75.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-18I	13.0 - 23.0	2,957	3,489	5,188	4,932	5,201	4,006	2,881	4,150	1,283	1,745	1,446	3,965
OU2MW-18I2	35.0 - 45.0	0	0	0	0	0	0	0	490	0	30	757	0
OU2MW-18D	60.0 - 70.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-54S	5.0 - 15.0	--	--	--	--	--	--	--	41	10	0	0	0
OU2MW-54I	20.0 - 25.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-54I2	40.0 - 45.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-54D	60.0 - 65.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-58S	5.0-15.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-58I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	0

Table 4-5. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Upgradient of Subsurface Barrier Wall
Annual GM and OM&M Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2011			2012				2013				2014
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar
BBMW-01S	5.0 - 15.0	3	50	21	2	1	0	--	--	0	--	--	--
BBMW-01I	32.0 - 42.0	0	0	0	0	0	0	--	--	623	--	0	0
BBMW-01D	68.5 - 78.5	0	423	73	88	58	418	11	30	30	33	16	6
BBMW-23S	5.0 - 15.0	427	224	389	519	437	436	429	460	525	380	725	243
BBMW-23I	33.0 - 43.0	0	2	0	0	6	0	0	0	10	12	0	0
BBMW-23D	49.5 - 59.5	0	0	0	17	9	6	7	7	5	--	4	--
BBMW-23D2	63.0 - 73.0	0	0	0	0	0	0	--	--	0	--	0	--
OU2MW-17S	5.0 - 10.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-17I	13.0 - 23.0	0	4	0	2	2	3	2	3	2	2	2	0
OU2MW-17I2	35.0 - 45.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-17D	60.0 - 75.0	0	0	0	4	0	0	0	0	0	--	--	--
OU2MW-18I	13.0 - 23.0	1,337	1,164	57	141	78	23	14	7	7	--	--	--
OU2MW-18I2	35.0 - 45.0	0	521	0	46	12	4	2	0	0	0	0	0
OU2MW-18D	60.0 - 70.0	0	13	3	0	0	0	0	--	0	--	--	--
OU2MW-54S	5.0 - 15.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-54I	20.0 - 25.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-54I2	40.0 - 45.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-54D	60.0 - 65.0	0	0	0	0	0	0	--	--	0	--	--	--
OU2MW-58S	5.0-15.0	0	0	2	0	0	0	--	--	0	--	--	--
OU2MW-58I	25.0-30.0	0	0	3	0	0	0	--	--	0	--	--	--

Table 4-5. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Upgradient of Subsurface Barrier Wall
Annual GM and OM&M Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)										
		Sampling Date										
		2014			2015				2016			
		Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
BBMW-01S	5.0 - 15.0	0	--	--	--	--	--	--	--	--	--	--
BBMW-01I	32.0 - 42.0	4	0	0	0	0	0	0	0	0	0	0
BBMW-01D	68.5 - 78.5	11	364	9	11	13	169	5	5	3	61	0
BBMW-23S	5.0 - 15.0	187	96	281	229	166	131	204	28	243	136	14
BBMW-23I	33.0 - 43.0	0	0	0	--	0	--	0	--	0	0	0
BBMW-23D	49.5 - 59.5	4	--	--	--	--	--	3	--	--	--	--
BBMW-23D2	63.0 - 73.0	0	--	--	--	--	--	0	--	--	--	--
OU2MW-17S	5.0 - 10.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13.0 - 23.0	0	0	0	0	0	--	--	--	0	--	--
OU2MW-17I2	35.0 - 45.0	17	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60.0 - 75.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13.0 - 23.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35.0 - 45.0	0	0	0	0	0	--	--	--	--	--	--
OU2MW-18D	60.0 - 70.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-54S	5.0 - 15.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-54I	20.0 - 25.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-54I2	40.0 - 45.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-54D	60.0 - 65.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-58S	5.0-15.0	0	--	--	--	--	--	--	--	--	--	--
OU2MW-58I	25.0-30.0	0	--	--	--	--	--	--	--	--	--	--

Table 4-5. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Upgradient of Subsurface Barrier Wall
Annual GM and OM&M Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)						
		Sampling Date		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2017						
		Jan-Mar	Apr-Jun					
BBMW-01S	5.0 - 15.0	--	--	0	4,347	1,108	0	4,347
BBMW-01I	32.0 - 42.0	--	--	0	10,674	4,210	0	10,674
BBMW-01D	68.5 - 78.5	12.6	2	0	4,871	629	0	4,871
BBMW-23S	5.0 - 15.0	12.7	225	13	3,162	1,151	13	3,162
BBMW-23I	33.0 - 43.0	0	3	0	2,559	115	0	2,559
BBMW-23D	49.5 - 59.5	--	--	0	6,619	1,063	0	6,619
BBMW-23D2	63.0 - 73.0	--	--	0	120	6	0	120
OU2MW-17S	5.0 - 10.0	--	--	0	2	0	0	2
OU2MW-17I	13.0 - 23.0	--	--	0	25	3	0	25
OU2MW-17I2	35.0 - 45.0	--	--	0	17	1	0	17
OU2MW-17D	60.0 - 75.0	--	--	0	4	0	0	4
OU2MW-18I	13.0 - 23.0	--	--	0	5,201	2,003	0	5,201
OU2MW-18I2	35.0 - 45.0	--	--	0	757	64	0	757
OU2MW-18D	60.0 - 70.0	--	--	0	13	1	0	13
OU2MW-54S	5.0 - 15.0	--	--	0	41	4	0	41
OU2MW-54I	20.0 - 25.0	--	--	0	0	0	0	0
OU2MW-54I2	40.0 - 45.0	--	--	0	0	0	0	0
OU2MW-54D	60.0 - 65.0	--	--	0	0	0	0	0
OU2MW-58S	5.0-15.0	--	--	0	2	0	0	2
OU2MW-58I	25.0-30.0	--	--	0	3	0	0	3

Notes for groundwater tables are compiled at the end of the Tables in this section.

Table 4-6. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Mid-Plume
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2002			2003			2004		
		Sep	Sep	Oct/Nov	Jan/Feb	Apr/May	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug
BBMW-02S	5.0 - 15.0	--	--	0	--	0	--	--	--	--	--	--	--
BBMW-02I	30.0 - 40.0	--	--	7	--	0	--	--	--	--	--	--	--
BBMW-02D	73.0 - 83.0	--	--	21	--	0	--	--	--	--	--	--	--
BBMW-15S	5.0 - 15.0	--	--	0	--	0	0	0	--	--	0	--	--
BBMW-15I	23.0 - 28.0	--	--	473	--	2	0	0	--	--	0	--	--
BBMW-15I2	35.0 - 45.0	--	--	47	--	0		0	--	--	0	--	--
BBMW-15D	70.0 - 80.0	--	--	0	--	0	--	--	--	--	--	--	--
BBMW-16S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-16I	35.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-16D	68.0 - 78.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-24S	4.0 - 14.0	--	--	--	--	14	0	0	0	0	0	0	0
BBMW-24I	32.0 - 42.0	--	--	--	--	264	533	612	774	833	96	82	2,408
BBMW-24D	59.5 - 69.5	--	--	--	--	1,102	--	1,005	837	1,389	1,420	590	194
GM-03S	6.78 - 21.78	41	15	70	4	36	--	32	--	--	229	--	--
GM-03I	30.03 - 45.03	7	0	26	7	135	--	0	--	--	879	--	--
GM-03D	53.18 - 68.18	175	375	0	0	0	--	0	--	--	0	--	0
MW-16AS	3.0 - 13.0	--	--	0	--	0	--	--	--	--	--	--	--
OU2MW-08WT	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08S	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20S	4.0 - 9.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I2	46.0 - 51.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24D	62.0 - 67.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25D	70.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26S	6.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-6. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Mid-Plume
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2002			2003			2004		
		Sep	Sep	Oct/Nov	Jan/Feb	Apr/May	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug
OU2MW-26I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26D	60.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28I	28.0 - 33.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29D	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-31I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-31I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33I2	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33D	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-34S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-34I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-34I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35D	57.0 - 62.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36D	61.0 - 66.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I2	46.0 - 51.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38D	56.0 - 61.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--

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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2002			2003			2004		
		Sep	Sep	Oct/Nov	Jan/Feb	Apr/May	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug
OU2MW-39I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	70.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42D	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45D	55.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--

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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004	2005				2006				2007		
		Nov/Dec	Feb/Mar	Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct
BBMW-02S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-02I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-02D	73.0 - 83.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-15S	5.0 - 15.0	--	0	0	--	--	0	0	0	0	0	0	0
BBMW-15I	23.0 - 28.0	--	0	--	--	--	--	--	0	--	0	0	0
BBMW-15I2	35.0 - 45.0	--	0	--	--	--	--	--	0	--	0	0	0
BBMW-15D	70.0 - 80.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-16S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-16I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-16D	68.0 - 78.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-24S	4.0 - 14.0	0	0	0	0	--	0	0	0	0	0	0	0
BBMW-24I	32.0 - 42.0	2,068	477	1,290	175	--	--	519	--	183	116	115	277
BBMW-24D	59.5 - 69.5	183	666	799	658	--	--	367	--	647	662	0	7
GM-03S	6.78 - 21.78	128	40	--	103	133	19	126	177	69	116	0	0
GM-03I	30.03 - 45.03	--	0	--	137	--	196	0	0	0	0	78	190
GM-03D	53.18 - 68.18	--	0	--	0	--	--	--	--	--	0	0	0
MW-16AS	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	0	0
OU2MW-08S	20.0 - 25.0	--	--	--	2,210	--	617	1,456	1,641	829	378	279	305
OU2MW-08I	35.0 - 40.0	--	--	--	181	--	527	196	355	201	167	521	481
OU2MW-08I2	50.0 - 55.0	--	--	--	112	--	172	272	590	582	249	105	120
OU2MW-08D	65.0 - 70.0	--	--	--	0	--	0	0	0	0	0	0	0
OU2MW-19I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20S	4.0 - 9.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I2	46.0 - 51.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24D	62.0 - 67.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25D	70.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26S	6.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--

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Mid-Plume
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004	2005				2006				2007		
		Nov/Dec	Feb/Mar	Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct
OU2MW-26I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26D	60.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28I	28.0 - 33.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29D	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-31I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-31I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33I2	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33D	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-34S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-34I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-34I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35D	57.0 - 62.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36D	61.0 - 66.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I2	46.0 - 51.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38D	56.0 - 61.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-6. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Mid-Plume
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004	2005				2006				2007		
		Nov/Dec	Feb/Mar	Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct
OU2MW-39I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	70.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42D	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45D	55.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-6. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007	2008				2009				2010		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-02S	5.0 - 15.0	0	0	4	0	0	0	0	0	10	0	0	0
BBMW-02I	30.0 - 40.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-02D	73.0 - 83.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-15S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-15I	23.0 - 28.0	0	0	0	0	0	146	0	0	0	0	0	0
BBMW-15I2	35.0 - 45.0	0	0	0	0	149	0	0	0	0	0	0	0
BBMW-15D	70.0 - 80.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-16S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-16I	35.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-16D	68.0 - 78.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-24S	4.0 - 14.0	0	0	0	117	0	0	0	0	0	0	0	0
BBMW-24I	32.0 - 42.0	9	0	0	0	0	10	394	14	3	2	1	0
BBMW-24D	59.5 - 69.5	4	176	215	7	15	22	107	29	103	147	65	0
GM-03S	6.78 - 21.78	0	0	0	23	--	--	--	--	--	--	--	--
GM-03I	30.03 - 45.03	129	245	161	257	--	--	--	--	--	--	--	--
GM-03D	53.18 - 68.18	0	0	0	0	--	--	--	--	--	--	--	--
MW-16AS	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3.0 - 8.0	0	0	--	0	0	0	0	0	0	0	0	0
OU2MW-08S	20.0 - 25.0	332	1,088	858	692	1,010	1,078	898	314	366	426	231	7
OU2MW-08I	35.0 - 40.0	196	88	245	62	69	46	333	209	4	156	168	136
OU2MW-08I2	50.0 - 55.0	545	369	317	248	293	152	39	86	104	136	92	120
OU2MW-08D	65.0 - 70.0	0	0	0	16	0	0	0	0	0	0	0	0
OU2MW-19I	13.0 - 23.0	--	--	1,616	4,617	2,299	82	110	121	65	21	1	0
OU2MW-19I2	35.0 - 45.0	--	--	130	133	112	103	75	61	108	0	10	22
OU2MW-19D	65.0 - 70.0	--	--	--	543	1,818	542	341	127	152	0	13	14
OU2MW-20S	4.0 - 9.0	--	--	0	1	0	0	0	0	0	0	0	0
OU2MW-20I	13.0 - 23.0	--	--	616	354	715	819	158	28	10	26	172	12
OU2MW-20I2	35.0 - 45.0	--	--	1	0	0	0	0	0	0	0	0	0
OU2MW-20D	65.0 - 70.0	--	--	--	0	0	0	0	0	0	0	0	0
OU2MW-21S	5.0 - 15.0	--	--	--	--	82	870	0	0	0	0	0	0
OU2MW-21I	13.0 - 23.0	--	--	780	1,041	1,877	4,930	195	26	9	3	0	0
OU2MW-21I2	35.0 - 45.0	--	--	46	83	367	479	99	176	26	5	6	6
OU2MW-22S	5.0 - 15.0	--	--	--	--	0	2	0	0	0	0	0	0
OU2MW-22I	25.0 - 30.0	--	--	--	--	298	125	6	158	3	0	8	89
OU2MW-22I2	46.0 - 51.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-22D	67.0 - 72.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-23S	5.0 - 15.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-23I	25.0 - 30.0	--	--	--	--	2,029	157	117	2,393	112	294	3	1
OU2MW-23I2	45.0 - 50.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-23D	65.0 - 70.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-24S	5.0 - 15.0	--	--	--	--	0	23	0	0	0	0	0	0
OU2MW-24I	25.0 - 30.0	--	--	--	--	2,862	2,153	197	56	0	0	0	0
OU2MW-24I2	45.0 - 50.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-24D	62.0 - 67.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-25S	5.0 - 15.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-25I	25.0 - 30.0	--	--	--	--	125	276	138	49	732	6	0	29
OU2MW-25I2	45.0 - 50.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-25D	70.0 - 75.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-26S	6.0 - 11.0	--	--	0	0	0	0	0	0	0	0	0	0

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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007	2008				2009				2010		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OU2MW-26I	13.0 - 23.0	--	--	40	253	245	287	4	5	3	24	0	0
OU2MW-26I2	35.0 - 45.0	--	--	0	5	347	1,559	26	3	319	136	5	41
OU2MW-26D	60.0 - 70.0	--	--	76	167	187	474	335	491	890	362	980	640
OU2MW-27S	5.0 - 15.0	--	--	--	--	--	--	--	--	0	0	0	0
OU2MW-27I	25.0 - 30.0	--	--	--	--	--	--	--	--	0	0	0	0
OU2MW-27I2	45.0 - 50.0	--	--	--	--	--	--	--	--	24	11	12	0
OU2MW-27D	65.0 - 70.0	--	--	--	--	--	--	--	--	18	24	0	0
OU2MW-28S	5.0 - 15.0	--	--	--	0	0	0	0	0	0	0	0	0
OU2MW-28I	28.0 - 33.0	--	--	--	400	169	93	3	4	98	0	0	0
OU2MW-28I2	40.0 - 45.0	--	--	--	0	2	1	2	72	66	85	286	264
OU2MW-29I	18.0 - 23.0	--	--	--	1,290	1,715	1,122	480	31	4	0	0	0
OU2MW-29I2	30.0 - 35.0	--	--	--	1,316	246	87	96	99	52	153	118	3
OU2MW-29D	45.0 - 50.0	--	--	--	211	405	359	388	173	211	141	85	188
OU2MW-30S	5.0 - 15.0	--	--	--	52	251	3	0	0	0	0	0	0
OU2MW-30I	25.0 - 30.0	--	--	--	312	281	208	729	218	5	0	0	0
OU2MW-30I2	30.0 - 35.0	--	--	--	533	41	43	471	195	143	80	4	3
OU2MW-30I3	45.0 - 50.0	--	--	--	91	247	254	130	31	19	10	3	37
OU2MW-30D	50.0 - 55.0	--	--	--	301	206	134	197	30	117	62	254	137
OU2MW-30D2	60.0 - 65.0	--	--	--	282	406	375	347	220	303	120	422	301
OU2MW-31I	18.0 - 23.0	--	--	--	512	343	779	856	3	1	0	0	0
OU2MW-31I2	30.0 - 35.0	--	--	--	0	0	1	413	59	0	5	38	2
OU2MW-32S	5.0 - 15.0	--	--	--	0	0	0	0	0	0	0	0	0
OU2MW-32I	20.0 - 25.0	--	--	--	2,073	1,355	3,698	5,013	701	899	2,583	2,554	399
OU2MW-32I2	30.0 - 35.0	--	--	--	1,493	375	71	57	7	2	25	76	2
OU2MW-32D	40.0 - 45.0	--	--	--	57	177	25	8	0	0	7	0	0
OU2MW-33S	5.0 - 15.0	--	--	--	--	--	0	0	0	0	0	0	0
OU2MW-33I	25.0 - 30.0	--	--	--	--	--	3,159	63	5	36	8	83	2
OU2MW-33I2	35.0 - 40.0	--	--	--	--	--	77	2	0	154	1	0	0
OU2MW-33D	50.0 - 55.0	--	--	--	--	--	2	0	0	0	0	0	0
OU2MW-34S	5.0 - 15.0	--	--	--	--	--	0	0	0	0	0	0	0
OU2MW-34I	25.0 - 30.0	--	--	--	--	--	2,348	2,227	1,041	1,230	1,015	760	211
OU2MW-34I2	45.0 - 50.0	--	--	--	--	--	0	0	0	14	0	0	0
OU2MW-35S	5.0 - 15.0	--	--	--	--	17	9	16	0	0	0	0	0
OU2MW-35I	25.0 - 30.0	--	--	--	--	678	9	12	0	0	0	0	0
OU2MW-35I2	45.0 - 50.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-35D	57.0 - 62.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-36S	5.0 - 15.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-36I	25.0 - 30.0	--	--	--	--	288	55	42	0	0	0	0	0
OU2MW-36I2	45.0 - 50.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-36D	61.0 - 66.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-37S	5.0 - 15.0	--	--	--	--	0	0	9	18	0	0	0	0
OU2MW-37I	25.0 - 30.0	--	--	--	--	87	373	411	2,623	3	267	11	338
OU2MW-37I2	45.0 - 50.0	--	--	--	--	0	0	4	0	0	0	0	0
OU2MW-37D	67.0 - 72.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-38S	5.0 - 15.0	--	--	--	--	0	23	0	0	0	0	0	0
OU2MW-38I	25.0 - 30.0	--	--	--	--	4,001	122	204	240	29	1	0	6
OU2MW-38I2	46.0 - 51.0	--	--	--	--	0	0	0	0	0	0	1	197
OU2MW-38D	56.0 - 61.0	--	--	--	--	0	0	0	0	0	0	0	80
OU2MW-39S	5.0 - 15.0	--	--	--	--	0	0	2	0	0	0	0	0
OU2MW-39I	25.0 - 30.0	--	--	--	--	0	0	5	0	4	18	0	0

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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007	2008				2009				2010		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OU2MW-39I2	45.0 - 50.0	--	--	--	--	1	0	1	3	0	84	228	26
OU2MW-39D	70.0 - 75.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-40S	5.0 - 15.0	--	--	--	0	0	0	0	0	0	0	0	0
OU2MW-40I	18.0 - 23.0	--	--	--	192	61	270	168	24	0	0	0	0
OU2MW-41S	5.0 - 15.0	--	--	--	0	92	8	0	0	0	4	0	0
OU2MW-41I	18.0 - 23.0	--	--	--	1,500	1,625	1,433	585	526	48	358	5	2
OU2MW-42S	5.0 - 15.0	--	--	--	--	--	--	22	11	0	3	0	0
OU2MW-42I	25.0 - 30.0	--	--	--	--	--	--	4	86	18	13	33	0
OU2MW-42I2	45.0 - 50.0	--	--	--	--	--	--	0	0	0	2	4	0
OU2MW-42D	60.0 - 65.0	--	--	--	--	--	--	0	100	45	8	12	18
OU2MW-43S	5.0 - 15.0	--	--	--	--	--	--	--	--	963	1	118	0
OU2MW-43I	25.0 - 30.0	--	--	--	--	--	--	--	--	205	0	2	5
OU2MW-43I2	45.0 - 50.0	--	--	--	--	--	--	--	--	81	5	13	12
OU2MW-43D	65.0 - 70.0	--	--	--	--	--	--	--	--	58	14	4	2
OU2MW-44S	5.0 - 15.0	--	--	--	--	--	--	--	--	0	0	0	0
OU2MW-44I	25.0 - 30.0	--	--	--	--	--	--	--	--	0	0	0	0
OU2MW-44I2	45.0 - 50.0	--	--	--	--	--	--	--	--	0	0	0	0
OU2MW-44D	65.0 - 70.0	--	--	--	--	--	--	--	--	0	0	0	0
OU2MW-45S	5.0 - 15.0	--	--	--	--	108	60	15	27	67	1	0	0
OU2MW-45I	20.0 - 25.0	--	--	--	--	3	10	20	1	2	600	62	0
OU2MW-45I2	40.0 - 45.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-45D	55.0 - 60.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-46S	5.0 - 15.0	--	--	--	--	421	422	21	0	0	0	0	0
OU2MW-46I	20.0 - 25.0	--	--	--	--	1,898	1,991	37	0	0	0	0	0
OU2MW-46I2	40.0 - 45.0	--	--	--	--	2	375	185	0	0	0	0	5
OU2MW-47S	5.0 - 15.0	--	--	--	--	148	146	0	0	5	0	0	0
OU2MW-47I	20.0 - 25.0	--	--	--	--	1,039	2,714	40	0	0	0	0	0
OU2MW-47I2	40.0 - 45.0	--	--	--	--	297	159	7	173	3	2	57	0
OU2MW-47D	60.0 - 65.0	--	--	--	--	472	569	695	258	234	39	13	11
OU2MW-55S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	8	8
OU2MW-55I	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	18	10
OU2MW-55I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	120	100
OU2MW-55D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	159	156
OU2MW-56S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	0	0
OU2MW-56I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	45	6
OU2MW-56I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	0	0
OU2MW-56D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	0	0

Table 4-6. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Mid-Plume
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National Grid Bay Shore/Brightwaters Former MGP Site
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010	2011				2012				2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-02S	5.0 - 15.0	11	2	0	0	0	0	0	0	--	--	0	--
BBMW-02I	30.0 - 40.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-02D	73.0 - 83.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-15S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-15I	23.0 - 28.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-15I2	35.0 - 45.0	0	0	2	0	0	0	0	0	--	--	0	--
BBMW-15D	70.0 - 80.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-16S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-16I	35.0 - 45.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-16D	68.0 - 78.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-24S	4.0 - 14.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-24I	32.0 - 42.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-24D	59.5 - 69.5	0	1	0	9	3	0	0	2	0	3	1	2
GM-03S	6.78 - 21.78	--	--	--	--	--	--	--	--	--	--	--	--
GM-03I	30.03 - 45.03	--	--	--	--	--	--	--	--	--	--	--	--
GM-03D	53.18 - 68.18	--	--	--	--	--	--	--	--	--	--	--	--
MW-16AS	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3.0 - 8.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-08S	20.0 - 25.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-08I	35.0 - 40.0	108	6	0	0	175	2	0	16	4	0	0	0
OU2MW-08I2	50.0 - 55.0	105	62	64	97	100	104	129	104	66	90	61	42
OU2MW-08D	65.0 - 70.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-19I	13.0 - 23.0	0	0	0	0	0	0	0	0	121	0	0	5
OU2MW-19I2	35.0 - 45.0	0	0	0	0	0	0	0	0	114	0	4	11
OU2MW-19D	65.0 - 70.0	14	38	84	63	13	39	34	40	125	0	398	415
OU2MW-20S	4.0 - 9.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-20I	13.0 - 23.0	35	0	0	0	0	0	0	0	0	0	0	0
OU2MW-20I2	35.0 - 45.0	0	0	87	0	0	0	0	0	--	--	0	--
OU2MW-20D	65.0 - 70.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-21S	5.0 - 15.0	0	0	0	0	0	1	0	0	--	--	0	--
OU2MW-21I	13.0 - 23.0	0	0	0	0	0	2	0	0	--	--	0	--
OU2MW-21I2	35.0 - 45.0	0	0	0	0	0	3	0	0	--	--	0	--
OU2MW-22S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-22I	25.0 - 30.0	6	0	0	105	0	0	2	0	5	--	0	0
OU2MW-22I2	46.0 - 51.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-22D	67.0 - 72.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-23S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-23I	25.0 - 30.0	5,108	4,804	3	0	0	2	0	0	0	0	0	--
OU2MW-23I2	45.0 - 50.0	0	0	0	18	215	224	139	399	91	4	0	0
OU2MW-23D	65.0 - 70.0	0	0	0	0	0	0	2	0	--	--	0	0
OU2MW-24S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-24I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-24I2	45.0 - 50.0	31	39	114	92	0	0	30	186	2	66	347	162
OU2MW-24D	62.0 - 67.0	0	0	0	0	0	0	0	0	--	--	2	0
OU2MW-25S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-25I	25.0 - 30.0	260	13	0	7	62	0	0	2	26	0	0	0
OU2MW-25I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-25D	70.0 - 75.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-26S	6.0 - 11.0	0	0	0	0	0	2	0	0	--	--	0	--

Table 4-6. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010	2011				2012				2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OU2MW-26I	13.0 - 23.0	0	0	0	2	0	0	0	0	0	--	0	--
OU2MW-26I2	35.0 - 45.0	0	2	0	0	2	6	0	0	--	--	0	--
OU2MW-26D	60.0 - 70.0	580	269	48	15	36	73	1	5	6	16	1	4
OU2MW-27S	5.0 - 15.0	2	0	0	0	0	0	0	0	--	--	0	--
OU2MW-27I	25.0 - 30.0	1	0	0	0	0	0	0	0	--	--	0	--
OU2MW-27I2	45.0 - 50.0	6	2	0	0	0	0	0	0	--	--	0	--
OU2MW-27D	65.0 - 70.0	3	24	7	27	1	0	0	0	0	--	0	0
OU2MW-28S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-28I	28.0 - 33.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-28I2	40.0 - 45.0	16	12	56	20	4	105	6	9	4	6	2	0
OU2MW-29I	18.0 - 23.0	0	0	0	0	0	0	0	0	--	0	0	0
OU2MW-29I2	30.0 - 35.0	0	0	0	0	0	0	0	0	--	0	0	0
OU2MW-29D	45.0 - 50.0	247	124	160	119	77	64	70	63	34	18	12	10
OU2MW-30S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-30I	25.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-30I2	30.0 - 35.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-30I3	45.0 - 50.0	1	3	10	97	77	3	10	0	0	0	0	0
OU2MW-30D	50.0 - 55.0	186	33	30	51	22	26	46	18	4	2	0	0
OU2MW-30D2	60.0 - 65.0	251	0	1	233	0	1	0	18	0	0	0	12
OU2MW-31I	18.0 - 23.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-31I2	30.0 - 35.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-32S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-32I	20.0 - 25.0	31	0	0	0	0	0	0	0	--	--	0	--
OU2MW-32I2	30.0 - 35.0	0	1	0	0	0	7	2	60	233	0	0	0
OU2MW-32D	40.0 - 45.0	0	0	0	22	270	159	228	446	217	168	331	288
OU2MW-33S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-33I	25.0 - 30.0	0	0	0	0	0	0	6	0	--	--	0	--
OU2MW-33I2	35.0 - 40.0	3	0	0	0	0	0	0	0	--	--	0	--
OU2MW-33D	50.0 - 55.0	2	0	0	0	0	0	0	0	--	--	6	--
OU2MW-34S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-34I	25.0 - 30.0	123	0	0	1,403	45	1	0	5	0	0	0	0
OU2MW-34I2	45.0 - 50.0	0	0	0	0	42	0	0	21	27	0	134	35
OU2MW-35S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-35I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-35I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-35D	57.0 - 62.0	5	0	0	0	0	0	0	0	0	0	0	30
OU2MW-36S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-36I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-36I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-36D	61.0 - 66.0	0	0	0	0	0	0	0	0	--	--	0	0
OU2MW-37S	5.0 - 15.0	0	0	0	0	0	0	2	0	--	--	0	--
OU2MW-37I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-37I2	45.0 - 50.0	0	0	0	0	0	0	2	0	--	--	0	--
OU2MW-37D	67.0 - 72.0	0	0	0	0	0	0	0	0	--	--	0	0
OU2MW-38S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-38I	25.0 - 30.0	1	0	0	0	0	0	0	0	--	--	0	--
OU2MW-38I2	46.0 - 51.0	125	445	204	155	43	588	919	78	2	0	0	0
OU2MW-38D	56.0 - 61.0	18	0	0	0	0	0	3	0	0	0	0	0
OU2MW-39S	5.0 - 15.0	0	0	0	0	0	1	0	0	0	5	0	0
OU2MW-39I	25.0 - 30.0	0	0	0	0	0	3	0	0	0	0	0	0

Table 4-6. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010	2011				2012				2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OU2MW-39I2	45.0 - 50.0	5	5	48	74	151	232	243	152	276	502	137	86
OU2MW-39D	70.0 - 75.0	0	0	0	0	0	2	0	0	0	0	0	0
OU2MW-40S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-40I	18.0 - 23.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-41S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-41I	18.0 - 23.0	4	0	0	0	0	0	0	0	0	0	0	0
OU2MW-42S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-42I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-42I2	45.0 - 50.0	0	0	0	0	0	0	0	3	--	--	9	--
OU2MW-42D	60.0 - 65.0	14	43	17	23	4	8	5	216	690	1,207	1,860	1,637
OU2MW-43S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-43I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-43I2	45.0 - 50.0	32	50	1	7	0	6	2	4	11	25	84	12
OU2MW-43D	65.0 - 70.0	17	1	77	124	6	66	47	267	321	375	454	471
OU2MW-44S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-44I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-44I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-44D	65.0 - 70.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-45S	5.0 - 15.0	6	1	0	0	0	0	0	0	--	--	0	--
OU2MW-45I	20.0 - 25.0	26	0	0	0	0	0	0	0	--	--	0	--
OU2MW-45I2	40.0 - 45.0	0	0	0	0	1	0	0	0	--	--	0	--
OU2MW-45D	55.0 - 60.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-46S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-46I	20.0 - 25.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-46I2	40.0 - 45.0	2	0	0	0	0	0	0	0	--	--	0	3
OU2MW-47S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-47I	20.0 - 25.0	0	0	0	0	0	0	0	1	0	0	0	0
OU2MW-47I2	40.0 - 45.0	0	0	0	3	5	0	0	0	0	0	0	0
OU2MW-47D	60.0 - 65.0	5	7	50	6	0	0	4	0	0	0	0	0
OU2MW-55S	5.0 - 15.0	5	0	0	0	0	0	0	0	0	0	0	0
OU2MW-55I	30.0 - 35.0	7	1	0	0	0	20	0	0	0	0	0	0
OU2MW-55I2	50.0 - 55.0	14	9	4	4	2	0	4	15	4	0	0	0
OU2MW-55D	65.0 - 70.0	149	84	59	4	11	0	2	0	0	2	4	2
OU2MW-56S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-56I	25.0 - 30.0	4	0	0	0	0	0	0	0	--	--	0	--
OU2MW-56I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-56D	65.0 - 70.0	0	0	0	0	0	0	0	0	--	--	0	--

Table 4-6. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013	2014				2015				2016		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sept
BBMW-02S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-02I	30.0 - 40.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-02D	73.0 - 83.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-15S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-15I	23.0 - 28.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-15I2	35.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-15D	70.0 - 80.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-16S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-16I	35.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-16D	68.0 - 78.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-24S	4.0 - 14.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-24I	32.0 - 42.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-24D	59.5 - 69.5	--	--	5	--	--	--	2	--	--	--	--	--
GM-03S	6.78 - 21.78	--	--	--	--	--	--	--	--	--	--	--	--
GM-03I	30.03 - 45.03	--	--	--	--	--	--	--	--	--	--	--	--
GM-03D	53.18 - 68.18	--	--	--	--	--	--	--	--	--	--	--	--
MW-16AS	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3.0 - 8.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-08S	20.0 - 25.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-08I	35.0 - 40.0	0	0	0	--	--	--	0	--	--	--	--	--
OU2MW-08I2	50.0 - 55.0	21	18	31	15	26	23	22	15	4	2	2	2
OU2MW-08D	65.0 - 70.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-19I	13.0 - 23.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-19I2	35.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-19D	65.0 - 70.0	137	629	318	174	146	254	482	376	296	250	141	80
OU2MW-20S	4.0 - 9.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-20I	13.0 - 23.0	--	--	0	--	--	--	0	--	--	--	--	--
OU2MW-20I2	35.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-20D	65.0 - 70.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-21S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-21I	13.0 - 23.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-22S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-22I	25.0 - 30.0	10	--	0	--	--	--	0	--	--	--	--	--
OU2MW-22I2	46.0 - 51.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-22D	67.0 - 72.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-23S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-23I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-23I2	45.0 - 50.0	0	0	0	--	--	--	0	--	--	--	--	--
OU2MW-23D	65.0 - 70.0	--	--	0	--	--	--	0	--	--	--	--	--
OU2MW-24S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-24I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-24I2	45.0 - 50.0	106	467	67	98	41	55	0	0	0	0	0	0
OU2MW-24D	62.0 - 67.0	--	0	0	--	--	--	0	--	--	--	--	--
OU2MW-25S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-25I	25.0 - 30.0	8	0	0	0	72	0	0	0	0	0	0	--
OU2MW-25I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-25D	70.0 - 75.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-26S	6.0 - 11.0	--	--	0	--	--	--	--	--	--	--	--	--

Table 4-6. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Mid-Plume
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013	2014				2015				2016		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sept
OU2MW-26I	13.0 - 23.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-26D	60.0 - 70.0	1	0	0	--	--	--	1	--	--	--	--	--
OU2MW-27S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-27I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-27D	65.0 - 70.0	0	0	0	--	--	--	2	--	--	--	--	--
OU2MW-28S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-28I	28.0 - 33.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-28I2	40.0 - 45.0	0	0	0	--	--	--	0	--	--	--	--	--
OU2MW-29I	18.0 - 23.0	0	0	0	--	--	--	0	--	--	--	--	--
OU2MW-29I2	30.0 - 35.0	0	0	0	0	0	0	0	--	--	--	--	--
OU2MW-29D	45.0 - 50.0	12	23	19	7	4	0	4	0	0	0	0	0
OU2MW-30S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-30I	25.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-30I2	30.0 - 35.0	0	0	0	0	0	0	0	0	0	0	10	0
OU2MW-30I3	45.0 - 50.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-30D	50.0 - 55.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-30D2	60.0 - 65.0	2	0	0	0	0	0	0	0	0	0	0	0
OU2MW-31I	18.0 - 23.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-31I2	30.0 - 35.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-32S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-32I	20.0 - 25.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-32I2	30.0 - 35.0	55	0	0	0	0	95	0	0	0	0	0	--
OU2MW-32D	40.0 - 45.0	114	174	105	174	187	94	0	8	4	0	0	0
OU2MW-33S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-33I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-33I2	35.0 - 40.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-33D	50.0 - 55.0	40	--	42	--	--	--	0	--	--	--	0	0
OU2MW-34S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-34I	25.0 - 30.0	0	0	0	0	--	--	--	--	0	--	--	--
OU2MW-34I2	45.0 - 50.0	102	6	0	0	3	0	--	70	--	--	--	--
OU2MW-35S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-35I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-35I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-35D	57.0 - 62.0	--	--	0	--	--	--	0	--	--	--	--	--
OU2MW-36S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-36I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-36I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-36D	61.0 - 66.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-37S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-37I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-37I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-37D	67.0 - 72.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-38S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-38I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-38I2	46.0 - 51.0	0	--	0	--	--	--	0	--	--	--	--	--
OU2MW-38D	56.0 - 61.0	--	--	0	--	--	--	0	--	--	--	--	--
OU2MW-39S	5.0 - 15.0	0	0	0	0	0	2	0	0	0	0	0	0
OU2MW-39I	25.0 - 30.0	0	0	0	0	0	0	2	0	0	0	0	0

Table 4-6. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013	2014				2015				2016		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sept
OU2MW-39I2	45.0 - 50.0	115	30	63	0	0	0	24	2	0	4	0	0
OU2MW-39D	70.0 - 75.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-40S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	--
OU2MW-40I	18.0 - 23.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-41S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	0
OU2MW-41I	18.0 - 23.0	0	0	0	0	0	0	0	--	--	--	0	--
OU2MW-42S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-42I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-42I2	45.0 - 50.0	0	9	0	0	15	0	0	0	2	0	0	0
OU2MW-42D	60.0 - 65.0	1,219	2,290	1,470	872	1,120	1,018	1,141	1,055	868	727	922	944
OU2MW-43S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-43I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-43I2	45.0 - 50.0	4	8	0	0	5	0	0	--	--	--	0	--
OU2MW-43D	65.0 - 70.0	484	665	376	94	725	795	909	682	592	238	143	91
OU2MW-44S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-44I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-44I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-44D	65.0 - 70.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-45S	5.0 - 15.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-45I	20.0 - 25.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-45I2	40.0 - 45.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-45D	55.0 - 60.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-46S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-46I	20.0 - 25.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-46I2	40.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-47S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-47I	20.0 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-47I2	40.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-47D	60.0 - 65.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-55S	5.0 - 15.0	0	0	0	0	0	0	2	0	0	0	0	--
OU2MW-55I	30.0 - 35.0	0	0	0	0	0	0	0	0	0	0	0	--
OU2MW-55I2	50.0 - 55.0	0	0	0	0	0	0	0	0	0	0	0	--
OU2MW-55D	65.0 - 70.0	0	0	0	0	0	2	0	0	0	0	0	--
OU2MW-56S	5.0 - 15.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-56I	25.0 - 30.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-56I2	45.0 - 50.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-56D	65.0 - 70.0	--	--	0	--	--	--	0	0	0	0	0	--

Table 4-6. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)							
		Sampling Date			Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016	2017						
		Oct-Dec	Jan-Mar	Apr-Jun					
BBMW-02S	5.0 - 15.0	--	--	--	0	11	1	0	11
BBMW-02I	30.0 - 40.0	--	--	--	0	7	0	0	7
BBMW-02D	73.0 - 83.0	--	--	--	0	21	1	0	21
BBMW-15S	5.0 - 15.0	--	--	--	0	0	0	0	0
BBMW-15I	23.0 - 28.0	--	--	--	0	473	19	0	473
BBMW-15I2	35.0 - 45.0	--	--	--	0	149	6	0	149
BBMW-15D	70.0 - 80.0	--	--	--	0	0	0	0	0
BBMW-16S	5.0 - 15.0	--	--	--	0	0	0	0	0
BBMW-16I	35.0 - 45.0	--	--	--	0	0	0	0	0
BBMW-16D	68.0 - 78.0	--	--	--	0	0	0	0	0
BBMW-24S	4.0 - 14.0	--	--	--	0	117	3	0	117
BBMW-24I	32.0 - 42.0	--	--	--	0	2,408	289	0	2,408
BBMW-24D	59.5 - 69.5	--	--	--	0	1,420	272	0	1,420
GM-03S	6.78 - 21.78	--	--	--	0	229	62	0	229
GM-03I	30.03 - 45.03	--	--	--	0	879	122	0	879
GM-03D	53.18 - 68.18	--	--	--	0	375	32	0	375
MW-16AS	3.0 - 13.0	--	--	--	0	0	0	0	0
OU2MW-08WT	3.0 - 8.0	--	--	--	0	0	0	0	0
OU2MW-08S	20.0 - 25.0	--	--	--	0	2,210	501	0	2,210
OU2MW-08I	35.0 - 40.0	--	--	--	0	527	129	0	527
OU2MW-08I2	50.0 - 55.0	0	--	0	0	590	131	0	590
OU2MW-08D	65.0 - 70.0	--	--	--	0	16	1	0	16
OU2MW-19I	13.0 - 23.0	0	0	0	0	4,617	252	0	4,617
OU2MW-19I2	35.0 - 45.0	0	0	0	0	133	25	0	133
OU2MW-19D	65.0 - 70.0	14	29	72	0	1,818	233	0	1,818
OU2MW-20S	4.0 - 9.0	--	--	--	0	1	0	0	1
OU2MW-20I	13.0 - 23.0	--	--	--	0	819	123	0	819
OU2MW-20I2	35.0 - 45.0	--	--	--	0	87	4	0	87
OU2MW-20D	65.0 - 70.0	--	--	--	0	0	0	0	0
OU2MW-21S	5.0 - 15.0	--	--	--	0	870	53	0	870
OU2MW-21I	13.0 - 23.0	--	--	--	0	4,930	443	0	4,930
OU2MW-21I2	35.0 - 45.0	--	--	--	0	479	65	0	479
OU2MW-22S	5.0 - 15.0	--	--	--	0	2	0	0	2
OU2MW-22I	25.0 - 30.0	--	--	--	0	298	37	0	298
OU2MW-22I2	46.0 - 51.0	--	--	--	0	0	0	0	0
OU2MW-22D	67.0 - 72.0	--	--	--	0	0	0	0	0
OU2MW-23S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-23I	25.0 - 30.0	--	--	--	0	5,108	751	0	5,108
OU2MW-23I2	45.0 - 50.0	--	--	--	0	399	45	0	399
OU2MW-23D	65.0 - 70.0	--	--	--	0	2	0	0	2
OU2MW-24S	5.0 - 15.0	--	--	--	0	23	1	0	23
OU2MW-24I	25.0 - 30.0	--	--	--	0	2,862	293	0	2,862
OU2MW-24I2	45.0 - 50.0	--	--	--	0	467	59	0	467
OU2MW-24D	62.0 - 67.0	--	--	--	0	2	0	0	2
OU2MW-25S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-25I	25.0 - 30.0	--	--	--	0	732	58	0	732
OU2MW-25I2	45.0 - 50.0	--	--	--	0	0	0	0	0
OU2MW-25D	70.0 - 75.0	--	--	--	0	0	0	0	0
OU2MW-26S	6.0 - 11.0	--	--	--	0	2	0	0	2

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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)							
		Sampling Date			Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016	2017						
		Oct-Dec	Jan-Mar	Apr-Jun					
OU2MW-26I	13.0 - 23.0	--	--	--	0	287	41	0	287
OU2MW-26I2	35.0 - 45.0	--	--	--	0	1,559	123	0	1,559
OU2MW-26D	60.0 - 70.0	--	--	--	0	980	218	0	980
OU2MW-27S	5.0 - 15.0	--	--	--	0	2	0	0	2
OU2MW-27I	25.0 - 30.0	--	--	--	0	1	0	0	1
OU2MW-27I2	45.0 - 50.0	--	--	--	0	24	4	0	24
OU2MW-27D	65.0 - 70.0	--	--	--	0	27	6	0	27
OU2MW-28S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-28I	28.0 - 33.0	--	--	--	0	400	40	0	400
OU2MW-28I2	40.0 - 45.0	--	--	--	0	286	41	0	286
OU2MW-29I	18.0 - 23.0	--	--	--	0	1,715	193	0	1,715
OU2MW-29I2	30.0 - 35.0	--	--	--	0	1,316	80	0	1,316
OU2MW-29D	45.0 - 50.0	0	--	0	0	405	95	0	405
OU2MW-30S	5.0 - 15.0	0	0	0	0	251	9	0	251
OU2MW-30I	25.0 - 30.0	0	0	0	0	729	50	0	729
OU2MW-30I2	30.0 - 35.0	0	0	0	0	533	44	0	533
OU2MW-30I3	45.0 - 50.0	0	0	0	0	254	29	0	254
OU2MW-30D	50.0 - 55.0	0	0	0	0	301	53	0	301
OU2MW-30D2	60.0 - 65.0	0	0	0	0	422	94	0	422
OU2MW-31I	18.0 - 23.0	--	--	--	0	856	131	0	856
OU2MW-31I2	30.0 - 35.0	--	--	--	0	413	27	0	413
OU2MW-32S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-32I	20.0 - 25.0	--	--	--	0	5,013	1,016	0	5,013
OU2MW-32I2	30.0 - 35.0	--	--	--	0	1,493	80	0	1,493
OU2MW-32D	40.0 - 45.0	0	--	0	0	446	96	0	446
OU2MW-33S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-33I	25.0 - 30.0	--	--	--	0	3,159	198	0	3,159
OU2MW-33I2	35.0 - 40.0	--	--	--	0	154	14	0	154
OU2MW-33D	50.0 - 55.0	--	--	--	0	42	4	0	42
OU2MW-34S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-34I	25.0 - 30.0	--	--	--	0	2,348	434	0	2,348
OU2MW-34I2	45.0 - 50.0	--	--	--	0	134	17	0	134
OU2MW-35S	5.0 - 15.0	--	--	--	0	17	2	0	17
OU2MW-35I	25.0 - 30.0	--	--	--	0	678	39	0	678
OU2MW-35I2	45.0 - 50.0	--	--	--	0	0	0	0	0
OU2MW-35D	57.0 - 62.0	--	--	--	0	30	2	0	30
OU2MW-36S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-36I	25.0 - 30.0	--	--	--	0	288	21	0	288
OU2MW-36I2	45.0 - 50.0	--	--	--	0	0	0	0	0
OU2MW-36D	61.0 - 66.0	--	--	--	0	0	0	0	0
OU2MW-37S	5.0 - 15.0	--	--	--	0	18	2	0	18
OU2MW-37I	25.0 - 30.0	--	--	--	0	2,623	229	0	2,623
OU2MW-37I2	45.0 - 50.0	--	--	--	0	4	0	0	4
OU2MW-37D	67.0 - 72.0	--	--	--	0	0	0	0	0
OU2MW-38S	5.0 - 15.0	--	--	--	0	23	1	0	23
OU2MW-38I	25.0 - 30.0	--	--	--	0	4,001	256	0	4,001
OU2MW-38I2	46.0 - 51.0	--	--	--	0	919	120	0	919
OU2MW-38D	56.0 - 61.0	--	--	--	0	80	5	0	80
OU2MW-39S	5.0 - 15.0	0	0	0	0	5	0	0	5
OU2MW-39I	25.0 - 30.0	0	0	0	0	18	1	0	18

Table 4-6. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Mid-Plume
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)							
		Sampling Date			Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016	2017						
		Oct-Dec	Jan-Mar	Apr-Jun					
OU2MW-39I2	45.0 - 50.0	0	18	4	0	502	74	0	502
OU2MW-39D	70.0 - 75.0	0	0	0	0	2	0	0	2
OU2MW-40S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-40I	18.0 - 23.0	--	--	--	0	270	38	0	270
OU2MW-41S	5.0 - 15.0	--	--	0	0	92	5	0	92
OU2MW-41I	18.0 - 23.0	--	--	--	0	1,625	210	0	1,625
OU2MW-42S	5.0 - 15.0	--	--	--	0	22	2	0	22
OU2MW-42I	25.0 - 30.0	--	--	--	0	86	10	0	86
OU2MW-42I2	45.0 - 50.0	0	0	0	0	15	2	0	15
OU2MW-42D	60.0 - 65.0	1,121	1,625	1,061	0	2,290	697	0	2,290
OU2MW-43S	5.0 - 15.0	--	--	--	0	963	77	0	963
OU2MW-43I	25.0 - 30.0	--	--	--	0	205	15	0	205
OU2MW-43I2	45.0 - 50.0	--	--	--	0	84	15	0	84
OU2MW-43D	65.0 - 70.0	95	183	77	1	909	279	1	909
OU2MW-44S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-44I	25.0 - 30.0	--	--	--	0	0	0	0	0
OU2MW-44I2	45.0 - 50.0	--	--	--	0	0	0	0	0
OU2MW-44D	65.0 - 70.0	--	--	--	0	0	0	0	0
OU2MW-45S	5.0 - 15.0	--	--	0	0	108	12	0	108
OU2MW-45I	20.0 - 25.0	--	--	0	0	600	31	0	600
OU2MW-45I2	40.0 - 45.0	--	--	0	0	1	0	0	1
OU2MW-45D	55.0 - 60.0	--	--	0	0	0	0	0	0
OU2MW-46S	5.0 - 15.0	--	--	--	0	422	48	0	422
OU2MW-46I	20.0 - 25.0	--	--	--	0	1,991	218	0	1,991
OU2MW-46I2	40.0 - 45.0	--	--	--	0	375	30	0	375
OU2MW-47S	5.0 - 15.0	0	0	0	0	148	9	0	148
OU2MW-47I	20.0 - 25.0	0	0	0	0	2,714	112	0	2,714
OU2MW-47I2	40.0 - 45.0	0	0	0	0	297	21	0	297
OU2MW-47D	60.0 - 65.0	0	0	0	0	695	70	0	695
OU2MW-55S	5.0 - 15.0	--	--	0	0	8	1	0	8
OU2MW-55I	30.0 - 35.0	--	--	0	0	20	2	0	20
OU2MW-55I2	50.0 - 55.0	--	--	0	0	120	11	0	120
OU2MW-55D	65.0 - 70.0	--	--	0	0	159	25	0	159
OU2MW-56S	5.0 - 15.0	--	--	0	0	0	0	0	0
OU2MW-56I	25.0 - 30.0	--	--	0	0	45	3	0	45
OU2MW-56I2	45.0 - 50.0	--	--	0	0	0	0	0	0
OU2MW-56D	65.0 - 70.0	--	--	0	0	0	0	0	0

Notes for groundwater tables are compiled at the end of theTables in this section.

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2002			2003			2004		
		Sep	Sep	Oct/Nov	Jan/Feb	Apr/May	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug
BBMW-02S	5.0 - 15.0	--	--	2	--	0	--	--	--	--	--	--	--
BBMW-02I	30.0 - 40.0	--	--	0	--	0	--	--	--	--	--	--	--
BBMW-02D	73.0 - 83.0	--	--	2	--	0	--	--	--	--	--	--	--
BBMW-15S	5.0 - 15.0	--	--	0	--	0	0	0	--	--	0	--	--
BBMW-15I	23.0 - 28.0	--	--	30	--	0	0	0	--	--	0	--	--
BBMW-15I2	35.0 - 45.0	--	--	3	--	0	0	0	--	--	0	--	--
BBMW-15D	70.0 - 80.0	--	--	0	--	0	--	--	--	--	--	--	--
BBMW-16S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-16I	35.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-16D	68.0 - 78.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-24S	4.0 - 14.0	--	--	--	--	11	0	0	0	908	0	120	0
BBMW-24I	32.0 - 42.0	--	--	--	--	6,632	11,246	6,000	6,400	4,815	4,782	5,284	7,679
BBMW-24D	59.5 - 69.5	--	--	--	--	7,412	--	6,000	5,800	8,110	3,194	1,070	360
GM-03S	6.78 - 21.78	196	6	6	4	37	--	510	--	--	100	--	--
GM-03I	30.03 - 45.03	350	0	21	12	273	--	149	--	--	898	--	--
GM-03D	53.18 - 68.18	661	1,238	0	1	1	--	31	--	--	0	--	0
MW-16AS	3.0 - 13.0	--	--	0	--	0	--	--	--	--	--	--	--
OU2MW-08WT	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08S	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20S	4.0 - 9.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I2	46.0 - 51.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24D	62.0 - 67.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25D	70.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26S	6.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26D	60.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2002			2003			2004		
		Sep	Sep	Oct/Nov	Jan/Feb	Apr/May	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug
OU2MW-27S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28I	28.0 - 33.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29D	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-31I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-31I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33I2	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33D	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-34S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-34I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-34I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35D	57.0 - 62.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36D	61.0 - 66.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I2	46.0 - 51.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38D	56.0 - 61.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	70.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2002			2003			2004		
		Sep	Sep	Oct/Nov	Jan/Feb	Apr/May	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug
OU2MW-41I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42D	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45D	55.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004	2005				2006				2007		
		Nov/Dec	Feb/Mar	June	August	Nov/Dec	March	June	Jul/Aug	Nov/Dec	March	May-July	Aug-Oct
BBMW-02S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-02I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-02D	73.0 - 83.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-15S	5.0 - 15.0	--	0	0	--	--	0	0	0	0	0	0	0
BBMW-15I	23.0 - 28.0	--	0	--	--	--	--	--	0	--	0	0	0
BBMW-15I2	35.0 - 45.0	--	0	--	--	--	--	--	0	--	0	0	0
BBMW-15D	70.0 - 80.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-16S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-16I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-16D	68.0 - 78.0	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-24S	4.0 - 14.0	0	0	10	0	--	0	0	0	0	0	0	0
BBMW-24I	32.0 - 42.0	8,053	6,062	4,694	5,392	--	--	5,772	--	2,115	184	434	1,863
BBMW-24D	59.5 - 69.5	392	3,232	5,652	5,372	--	--	3,037	--	4,055	3,852	0	1
GM-03S	6.78 - 21.78	182	12	--	183	110	0	250	245	72	235	21	8
GM-03I	30.03 - 45.03	--	67	--	429	--	1,330	0	0	0	0	275	611
GM-03D	53.18 - 68.18	--	0	--	0	--	--	--	--	--	0	0	4
MW-16AS	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	0	7
OU2MW-08S	20.0 - 25.0	--	--	--	2,204	--	9,968	7,000	4,974	8,445	5,763	9,121	8,025
OU2MW-08I	35.0 - 40.0	--	--	--	3,453	--	4,983	4,020	2,328	3,013	507	2,354	799
OU2MW-08I2	50.0 - 55.0	--	--	--	1,364	--	1,666	2,664	1,347	1,961	1,454	1,429	262
OU2MW-08D	65.0 - 70.0	--	--	--	0	--	0	0	0	0	0	111	0
OU2MW-19I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20S	4.0 - 9.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I2	46.0 - 51.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24D	62.0 - 67.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25D	70.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26S	6.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I	13.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26D	60.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004	2005				2006				2007		
		Nov/Dec	Feb/Mar	June	August	Nov/Dec	March	June	Jul/Aug	Nov/Dec	March	May-July	Aug-Oct
OU2MW-27S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28I	28.0 - 33.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29D	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-31I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-31I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33I2	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-33D	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-34S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-34I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-34I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35D	57.0 - 62.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36D	61.0 - 66.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I2	46.0 - 51.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38D	56.0 - 61.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	70.0 - 75.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004	2005				2006				2007		
		Nov/Dec	Feb/Mar	June	August	Nov/Dec	March	June	Jul/Aug	Nov/Dec	March	May-July	Aug-Oct
OU2MW-41I	18.0 - 23.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42D	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45D	55.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	60.0 - 65.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--

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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007	2008				2009				2010		
		Oct-Dec	Jan-Mar	Apr-Jun	July-Sep	Oct-Dec	Jan-Mar	Apr-Jun	July-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-02S	5.0 - 15.0	1	0	0	0	0	0	0	0	0	0	0	0
BBMW-02I	30.0 - 40.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-02D	73.0 - 83.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-15S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-15I	23.0 - 28.0	0	0	0	0	0	48	0	0	0	0	0	0
BBMW-15I2	35.0 - 45.0	0	0	0	0	77	0	0	0	0	0	0	0
BBMW-15D	70.0 - 80.0	2	0	0	0	0	0	0	0	0	0	0	0
BBMW-16S	5.0 - 15.0	2	0	0	0	0	0	0	0	0	0	0	0
BBMW-16I	35.0 - 45.0	0	2	0	0	0	0	0	0	0	0	0	0
BBMW-16D	68.0 - 78.0	0	0	23	0	0	0	0	0	0	0	0	0
BBMW-24S	4.0 - 14.0	0	0	0	120	0	0	0	0	1	0	0	0
BBMW-24I	32.0 - 42.0	103	85	87	0	0	0	1,027	0	0	0	0	0
BBMW-24D	59.5 - 69.5	0	0	160	2	113	233	13	53	131	268	114	26
GM-03S	6.78 - 21.78	8	0	0	47	--	--	--	--	--	--	--	--
GM-03I	30.03 - 45.03	44	2	106	13	--	--	--	--	--	--	--	--
GM-03D	53.18 - 68.18	0	48	0	0	--	--	--	--	--	--	--	--
MW-16AS	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3.0 - 8.0	0	20	--	0	62	0	0	0	0	0	0	0
OU2MW-08S	20.0 - 25.0	13,563	6,542	6,504	7,369	6,698	4,426	4,661	4,301	714	1,958	820	84
OU2MW-08I	35.0 - 40.0	2,954	2,264	4,805	12,258	8,486	4,781	7,615	2,887	1	344	9	60
OU2MW-08I2	50.0 - 55.0	3,501	1,646	2,120	3,037	2,954	906	0	70	2,140	2,182	524	704
OU2MW-08D	65.0 - 70.0	3,892	0	0	9	0	0	0	0	0	0	0	0
OU2MW-19I	13.0 - 23.0	--	--	1,043	1,459	357	175	92	146	55	26	11	0
OU2MW-19I2	35.0 - 45.0	--	--	6,212	7,648	6,239	7,147	6,811	3,337	5,885	644	41	69
OU2MW-19D	65.0 - 70.0	--	--	--	801	3,718	1,862	2,841	3,601	2,932	0	0	0
OU2MW-20S	4.0 - 9.0	--	--	0	0	0	0	0	0	0	0	0	0
OU2MW-20I	13.0 - 23.0	--	--	101	91	0	74	0	0	5	1	2	3
OU2MW-20I2	35.0 - 45.0	--	--	4	0	0	0	0	0	0	0	0	0
OU2MW-20D	65.0 - 70.0	--	--	--	2	0	0	0	0	2	0	0	0
OU2MW-21S	5.0 - 15.0	--	--	--	--	424	341	9	4	0	0	13	0
OU2MW-21I	13.0 - 23.0	--	--	5,417	4,165	297	1,948	24	86	0	17	29	0
OU2MW-21I2	35.0 - 45.0	--	--	3,922	3,985	3,134	3,902	1,244	110	10	6	1	2
OU2MW-22S	5.0 - 15.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-22I	25.0 - 30.0	--	--	--	--	181	32	0	23	0	0	0	22
OU2MW-22I2	46.0 - 51.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-22D	67.0 - 72.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-23S	5.0 - 15.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-23I	25.0 - 30.0	--	--	--	--	429	178	63	323	0	0	0	0
OU2MW-23I2	45.0 - 50.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-23D	65.0 - 70.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-24S	5.0 - 15.0	--	--	--	--	0	0	0	3	0	258	0	0
OU2MW-24I	25.0 - 30.0	--	--	--	--	6,015	5,796	1,068	493	80	0	5	0
OU2MW-24I2	45.0 - 50.0	--	--	--	--	4	0	0	0	0	0	0	0
OU2MW-24D	62.0 - 67.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-25S	5.0 - 15.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-25I	25.0 - 30.0	--	--	--	--	149	121	133	72	63	45	0	6
OU2MW-25I2	45.0 - 50.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-25D	70.0 - 75.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-26S	6.0 - 11.0	--	--	0	5	0	0	0	0	0	0	0	0
OU2MW-26I	13.0 - 23.0	--	--	102	154	235	277	0	3	0	1	1	0
OU2MW-26I2	35.0 - 45.0	--	--	54	965	3,990	2,576	26	14	7	15	6	0
OU2MW-26D	60.0 - 70.0	--	--	623	149	1,369	1,742	3,482	4,328	5,814	4,267	2,232	3,291

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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007	2008				2009				2010		
		Oct-Dec	Jan-Mar	Apr-Jun	July-Sep	Oct-Dec	Jan-Mar	Apr-Jun	July-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OU2MW-27S	5.0 - 15.0	--	--	--	--	--	--	--	--	0	0	0	0
OU2MW-27I	25.0 - 30.0	--	--	--	--	--	--	--	--	10	2	0	0
OU2MW-27I2	45.0 - 50.0	--	--	--	--	--	--	--	--	18	8	0	2
OU2MW-27D	65.0 - 70.0	--	--	--	--	--	--	--	--	1,150	0	2	1
OU2MW-28S	5.0 - 15.0	--	--	--	0	0	0	1	0	0	0	0	0
OU2MW-28I	28.0 - 33.0	--	--	--	283	132	121	0	11	13	0	0	0
OU2MW-28I2	40.0 - 45.0	--	--	--	12	16	15	0	1,712	532	79	4,443	4,414
OU2MW-29I	18.0 - 23.0	--	--	--	863	1,083	700	513	38	6	0	0	0
OU2MW-29I2	30.0 - 35.0	--	--	--	3,642	6,159	2,778	6,117	274	501	76	57	15
OU2MW-29D	45.0 - 50.0	--	--	--	2,656	2,474	314	2,842	2,937	2,890	1,726	789	2,278
OU2MW-30S	5.0 - 15.0	--	--	--	2	1,990	10	0	0	0	0	0	0
OU2MW-30I	25.0 - 30.0	--	--	--	5,560	7,304	5,175	2,186	33	6	11	5	0
OU2MW-30I2	30.0 - 35.0	--	--	--	6,605	5,671	6,025	4,696	195	76	6	2	13
OU2MW-30I3	45.0 - 50.0	--	--	--	93	5,101	5,562	5,586	94	80	3	0	73
OU2MW-30D	50.0 - 55.0	--	--	--	1,087	5,989	1,652	4,681	84	586	8	3	6
OU2MW-30D2	60.0 - 65.0	--	--	--	2,638	4,689	4,735	2,274	15	2,904	147	2,248	2,312
OU2MW-31I	18.0 - 23.0	--	--	--	212	488	79	137	4	0	0	0	0
OU2MW-31I2	30.0 - 35.0	--	--	--	1	6	0	841	21	1	0	0	0
OU2MW-32S	5.0 - 15.0	--	--	--	0	0	63	0	0	0	0	0	0
OU2MW-32I	20.0 - 25.0	--	--	--	4,029	3,970	2,818	7,796	4,621	2,814	1,579	573	202
OU2MW-32I2	30.0 - 35.0	--	--	--	5,230	3,459	1,164	408	94	39	503	578	132
OU2MW-32D	40.0 - 45.0	--	--	--	29	1,336	189	32	10	0	0	0	2
OU2MW-33S	5.0 - 15.0	--	--	--	--	--	0	0	0	0	0	0	0
OU2MW-33I	25.0 - 30.0	--	--	--	--	--	565	158	39	66	25	63	10
OU2MW-33I2	35.0 - 40.0	--	--	--	--	--	104	14	4	679	16	6	0
OU2MW-33D	50.0 - 55.0	--	--	--	--	--	0	0	0	0	0	0	0
OU2MW-34S	5.0 - 15.0	--	--	--	--	--	0	0	0	0	0	0	0
OU2MW-34I	25.0 - 30.0	--	--	--	--	--	257	333	153	280	295	195	53
OU2MW-34I2	45.0 - 50.0	--	--	--	--	--	3	0	0	11	0	0	0
OU2MW-35S	5.0 - 15.0	--	--	--	--	3	0	0	0	0	0	0	0
OU2MW-35I	25.0 - 30.0	--	--	--	--	2,270	250	8	0	0	0	0	0
OU2MW-35I2	45.0 - 50.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-35D	57.0 - 62.0	--	--	--	--	4	0	0	0	0	0	0	0
OU2MW-36S	5.0 - 15.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-36I	25.0 - 30.0	--	--	--	--	1,302	573	325	0	0	0	0	0
OU2MW-36I2	45.0 - 50.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-36D	61.0 - 66.0	--	--	--	--	0	1	0	0	0	0	0	0
OU2MW-37S	5.0 - 15.0	--	--	--	--	0	0	3	0	0	0	0	0
OU2MW-37I	25.0 - 30.0	--	--	--	--	43	38	216	23	0	11	0	65
OU2MW-37I2	45.0 - 50.0	--	--	--	--	0	0	3	0	0	0	0	0
OU2MW-37D	67.0 - 72.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-38S	5.0 - 15.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-38I	25.0 - 30.0	--	--	--	--	2,992	2,202	206	61	14	0	0	0
OU2MW-38I2	46.0 - 51.0	--	--	--	--	0	0	0	0	0	0	0	26
OU2MW-38D	56.0 - 61.0	--	--	--	--	0	0	0	0	0	0	0	60
OU2MW-39S	5.0 - 15.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-39I	25.0 - 30.0	--	--	--	--	32	4	3	0	0	0	0	0
OU2MW-39I2	45.0 - 50.0	--	--	--	--	1	0	55	130	1	671	220	89
OU2MW-39D	70.0 - 75.0	--	--	--	--	0	0	0	0	0	0	0	0
OU2MW-40S	5.0 - 15.0	--	--	--	0	0	0	0	0	0	0	0	0
OU2MW-40I	18.0 - 23.0	--	--	--	165	122	167	71	25	16	14	0	0
OU2MW-41S	5.0 - 15.0	--	--	--	0	143	0	0	0	0	1	19	0

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007	2008				2009				2010		
		Oct-Dec	Jan-Mar	Apr-Jun	July-Sep	Oct-Dec	Jan-Mar	Apr-Jun	July-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OU2MW-41I	18.0 - 23.0	--	--	--	2,370	3,785	4,276	1,981	540	129	543	0	13
OU2MW-42S	5.0 - 15.0	--	--	--	--	--	--	107	0	0	5	0	0
OU2MW-42I	25.0 - 30.0	--	--	--	--	--	--	2	0	0	106	14	7
OU2MW-42I2	45.0 - 50.0	--	--	--	--	--	--	0	0	0	0	0	0
OU2MW-42D	60.0 - 65.0	--	--	--	--	--	--	4	185	373	199	80	56
OU2MW-43S	5.0 - 15.0	--	--	--	--	--	--	--	--	219	31	0	0
OU2MW-43I	25.0 - 30.0	--	--	--	--	--	--	--	--	197	18	0	0
OU2MW-43I2	45.0 - 50.0	--	--	--	--	--	--	--	--	5,130	10	96	0
OU2MW-43D	65.0 - 70.0	--	--	--	--	--	--	--	--	14	71	10	4
OU2MW-44S	5.0 - 15.0	--	--	--	--	--	--	--	--	0	0	0	0
OU2MW-44I	25.0 - 30.0	--	--	--	--	--	--	--	--	1	0	0	0
OU2MW-44I2	45.0 - 50.0	--	--	--	--	--	--	--	--	0	0	0	0
OU2MW-44D	65.0 - 70.0	--	--	--	--	--	--	--	--	0	0	0	0
OU2MW-45S	5.0 - 15.0	--	--	--	--	--	--	--	--	45	0	0	0
OU2MW-45I	20.0 - 25.0	--	--	--	--	30	8	5	1	2	200	25	1
OU2MW-45I2	40.0 - 45.0	--	--	--	--	39	7	0	0	0	0	0	0
OU2MW-45D	55.0 - 60.0	--	--	--	--	0	0	0	2	0	0	0	0
OU2MW-46S	5.0 - 15.0	--	--	--	--	0	31	0	0	0	0	0	0
OU2MW-46I	20.0 - 25.0	--	--	--	--	2,503	2,169	12	0	0	0	0	0
OU2MW-46I2	40.0 - 45.0	--	--	--	--	0	4	56	0	0	0	0	0
OU2MW-47S	5.0 - 15.0	--	--	--	--	56	0	0	0	0	0	0	0
OU2MW-47I	20.0 - 25.0	--	--	--	--	785	1,043	4	0	1	0	0	0
OU2MW-47I2	40.0 - 45.0	--	--	--	--	6,146	3,627	8	31	7	4	8	0
OU2MW-47D	60.0 - 65.0	--	--	--	--	7,437	7,007	6,751	3,906	1,550	0	6	32
OU2MW-55S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	0	0
OU2MW-55I	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	0	0
OU2MW-55I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	18	336
OU2MW-55D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	179	29
OU2MW-56S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	0	0
OU2MW-56I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	6	0
OU2MW-56I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	0	0
OU2MW-56D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	0	0

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010	2011				2012				2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-02S	5.0 - 15.0	0	0	0	2	0	0	0	0	--	--	0	--
BBMW-02I	30.0 - 40.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-02D	73.0 - 83.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-15S	5.0 - 15.0	0	0	2	0	0	0	0	0	--	--	0	--
BBMW-15I	23.0 - 28.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-15I2	35.0 - 45.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-15D	70.0 - 80.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-16S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-16I	35.0 - 45.0	0	0	0	0	0	1	0	0	--	--	0	--
BBMW-16D	68.0 - 78.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-24S	4.0 - 14.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-24I	32.0 - 42.0	0	0	0	0	0	0	0	0	--	--	0	--
BBMW-24D	59.5 - 69.5	3	1	0	2	0	0	0	0	0	0	0	2
GM-03S	6.78 - 21.78	--	--	--	--	--	--	--	--	--	--	--	--
GM-03I	30.03 - 45.03	--	--	--	--	--	--	--	--	--	--	--	--
GM-03D	53.18 - 68.18	--	--	--	--	--	--	--	--	--	--	--	--
MW-16AS	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3.0 - 8.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-08S	20.0 - 25.0	52	1	4	2	4	0	0	0	--	--	0	--
OU2MW-08I	35.0 - 40.0	0	0	7	17	0	39	9	0	1	2	0	0
OU2MW-08I2	50.0 - 55.0	2,146	489	909	2,102	2,599	1,989	2,330	630	363	146	171	85
OU2MW-08D	65.0 - 70.0	0	0	0	6	0	0	0	6	--	--	1	--
OU2MW-19I	13.0 - 23.0	0	0	0	0	0	0	3	0	0	0	0	22
OU2MW-19I2	35.0 - 45.0	4	3	0	0	0	0	8	0	5	0	16	44
OU2MW-19D	65.0 - 70.0	30	212	20	4	14	254	180	231	13	0	1,568	1,911
OU2MW-20S	4.0 - 9.0	0	0	0	0	0	0	2	0	--	--	0	--
OU2MW-20I	13.0 - 23.0	16	0	0	0	0	0	0	0	0	0	0	0
OU2MW-20I2	35.0 - 45.0	0	0	0	5	0	0	0	0	--	--	0	--
OU2MW-20D	65.0 - 70.0	0	0	0	0	0	0	1	0	--	--	0	--
OU2MW-21S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-21I	13.0 - 23.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-21I2	35.0 - 45.0	1	1	0	0	0	0	0	0	--	--	0	--
OU2MW-22S	5.0 - 15.0	0	0	0	0	0	0	3	0	--	--	0	--
OU2MW-22I	25.0 - 30.0	22	0	0	58	0	0	4	0	4	--	0	0
OU2MW-22I2	46.0 - 51.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-22D	67.0 - 72.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-23S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-23I	25.0 - 30.0	583	1,009	0	0	0	2	0	0	0	1	0	--
OU2MW-23I2	45.0 - 50.0	0	2	0	9	434	126	123	268	81	9	0	0
OU2MW-23D	65.0 - 70.0	0	0	0	0	0	0	4	0	--	--	0	0
OU2MW-24S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-24I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-24I2	45.0 - 50.0	187	9	24	356	3	1	220	523	4	122	1,610	1,959
OU2MW-24D	62.0 - 67.0	0	0	0	0	0	0	3	0	--	--	20	0
OU2MW-25S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-25I	25.0 - 30.0	52	30	3	1	30	4	0	0	12	0	0	0
OU2MW-25I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-25D	70.0 - 75.0	0	0	0	0	0	0	2	0	--	--	0	--
OU2MW-26S	6.0 - 11.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-26I	13.0 - 23.0	0	0	0	0	19	0	0	0	0	--	0	--
OU2MW-26I2	35.0 - 45.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-26D	60.0 - 70.0	3,640	381	14	14	0	6	0	0	0	0	0	0

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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010	2011				2012				2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OU2MW-27S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-27I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-27I2	45.0 - 50.0	1	0	0	0	0	0	0	0	--	--	0	--
OU2MW-27D	65.0 - 70.0	0	0	4	438	0	10	0	4	25	--	0	0
OU2MW-28S	5.0 - 15.0	0	0	0	1	0	0	0	4	--	--	0	--
OU2MW-28I	28.0 - 33.0	0	0	0	1	0	0	2	5	--	--	0	--
OU2MW-28I2	40.0 - 45.0	0	0	3	99	20	183	0	1	0	0	0	0
OU2MW-29I	18.0 - 23.0	0	1	27	0	0	0	8	11	--	0	0	0
OU2MW-29I2	30.0 - 35.0	1	0	0	0	0	0	0	33	--	0	0	67
OU2MW-29D	45.0 - 50.0	652	1,316	721	1,513	813	1,372	1,193	1,402	328	207	58	70
OU2MW-30S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-30I	25.0 - 30.0	0	0	0	0	0	0	0	6	0	0	0	0
OU2MW-30I2	30.0 - 35.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-30I3	45.0 - 50.0	0	0	0	5	4	0	0	3	0	0	0	0
OU2MW-30D	50.0 - 55.0	2	5	0	2	0	3	2	5	0	0	0	0
OU2MW-30D2	60.0 - 65.0	273	10	0	194	0	0	0	2	0	0	0	4
OU2MW-31I	18.0 - 23.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-31I2	30.0 - 35.0	0	18	0	0	0	0	0	0	--	--	0	--
OU2MW-32S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-32I	20.0 - 25.0	116	34	25	27	21	22	16	12	--	--	0	--
OU2MW-32I2	30.0 - 35.0	58	14	10	16	6	26	5	4	128	0	0	0
OU2MW-32D	40.0 - 45.0	0	0	0	2	598	4	55	1,578	225	825	1,451	1,572
OU2MW-33S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-33I	25.0 - 30.0	0	0	0	0	0	0	1	0	--	--	0	--
OU2MW-33I2	35.0 - 40.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-33D	50.0 - 55.0	0	0	0	0	0	0	0	0	--	--	16	--
OU2MW-34S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-34I	25.0 - 30.0	34	14	2	230	2	0	0	4	0	0	10	0
OU2MW-34I2	45.0 - 50.0	0	0	0	0	17	14	2	16	16	0	21	24
OU2MW-35S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-35I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-35I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-35D	57.0 - 62.0	8	0	0	0	0	4	3	0	0	0	0	16
OU2MW-36S	5.0 - 15.0	0	0	0	0	0	0	2	0	--	--	0	--
OU2MW-36I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-36I2	45.0 - 50.0	0	0	0	0	0	0	1	0	--	--	0	--
OU2MW-36D	61.0 - 66.0	0	0	0	0	0	0	0	0	--	--	0	0
OU2MW-37S	5.0 - 15.0	0	0	0	0	0	0	4	0	--	--	0	--
OU2MW-37I	25.0 - 30.0	0	0	0	0	0	0	4	0	--	--	0	--
OU2MW-37I2	45.0 - 50.0	0	0	0	0	0	0	4	0	--	--	0	--
OU2MW-37D	67.0 - 72.0	0	0	0	0	0	0	0	0	--	--	0	0
OU2MW-38S	5.0 - 15.0	0	0	0	0	0	0	2	0	--	--	0	--
OU2MW-38I	25.0 - 30.0	0	0	0	0	0	0	2	0	--	--	0	--
OU2MW-38I2	46.0 - 51.0	5	7	116	164	0	439	1,312	35	2	0	0	0
OU2MW-38D	56.0 - 61.0	11	0	0	0	0	0	3	0	9	0	0	0
OU2MW-39S	5.0 - 15.0	0	0	0	0	4	0	4	0	0	12	0	1
OU2MW-39I	25.0 - 30.0	0	0	0	0	2	1	4	0	0	0	0	1
OU2MW-39I2	45.0 - 50.0	0	14	0	393	1,217	1,051	1,063	1,404	1,825	3,780	853	877
OU2MW-39D	70.0 - 75.0	0	0	0	0	0	1	3	0	0	0	0	1
OU2MW-40S	5.0 - 15.0	0	0	0	0	51	0	0	0	0	20	0	1,490
OU2MW-40I	18.0 - 23.0	0	0	0	0	0	10	0	0	--	--	0	--
OU2MW-41S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010	2011				2012				2013		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OU2MW-41I	18.0 - 23.0	0	0	0	0	54	66	0	5	10	32	0	0
OU2MW-42S	5.0 - 15.0	5	0	2	3	0	0	2	0	--	--	1	--
OU2MW-42I	25.0 - 30.0	0	0	0	0	0	0	2	0	--	--	0	--
OU2MW-42I2	45.0 - 50.0	0	0	0	0	0	0	0	44	--	--	128	--
OU2MW-42D	60.0 - 65.0	121	26	115	68	13	41	25	347	917	3,289	2,468	2,901
OU2MW-43S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-43I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-43I2	45.0 - 50.0	1,293	259	5	38	0	218	97	4	295	291	1,349	602
OU2MW-43D	65.0 - 70.0	44	0	119	320	416	333	313	1,407	1,869	2,458	1,868	4,928
OU2MW-44S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-44I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-44I2	45.0 - 50.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-44D	65.0 - 70.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-45S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-45I	20.0 - 25.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-45I2	40.0 - 45.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-45D	55.0 - 60.0	0	0	13	0	0	0	0	0	--	--	0	--
OU2MW-46S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-46I	20.0 - 25.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-46I2	40.0 - 45.0	0	0	0	0	0	0	0	0	--	--	0	2
OU2MW-47S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-47I	20.0 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-47I2	40.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-47D	60.0 - 65.0	4	2	21	10	0	0	0	0	0	0	0	0
OU2MW-55S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-55I	30.0 - 35.0	0	0	0	0	111	0	0	0	0	0	0	0
OU2MW-55I2	50.0 - 55.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-55D	65.0 - 70.0	252	5	35	2	0	0	0	0	0	1	0	0
OU2MW-56S	5.0 - 15.0	0	0	0	0	0	0	0	0	--	--	2	--
OU2MW-56I	25.0 - 30.0	0	0	0	0	0	0	0	0	--	--	0	--
OU2MW-56I2	45.0 - 50.0	0	0	0	0	8	0	0	0	--	--	0	--
OU2MW-56D	65.0 - 70.0	0	0	0	0	0	0	0	0	--	--	0	--

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013	2014				2015				2016		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
BBMW-02S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-02I	30.0 - 40.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-02D	73.0 - 83.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-15S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-15I	23.0 - 28.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-15I2	35.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-15D	70.0 - 80.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-16S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-16I	35.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-16D	68.0 - 78.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-24S	4.0 - 14.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-24I	32.0 - 42.0	--	--	0	--	--	--	--	--	--	--	--	--
BBMW-24D	59.5 - 69.5	--	--	8	--	--	--	0	--	--	--	--	--
GM-03S	6.78 - 21.78	--	--	--	--	--	--	--	--	--	--	--	--
GM-03I	30.03 - 45.03	--	--	--	--	--	--	--	--	--	--	--	--
GM-03D	53.18 - 68.18	--	--	--	--	--	--	--	--	--	--	--	--
MW-16AS	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3.0 - 8.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-08S	20.0 - 25.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-08I	35.0 - 40.0	0	0	0	--	--	--	0	--	--	--	--	--
OU2MW-08I2	50.0 - 55.0	103	56	75	117	105	135	134	173	76	108	66	79
OU2MW-08D	65.0 - 70.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-19I	13.0 - 23.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-19I2	35.0 - 45.0	0	0	0	0	0	0	0	0	2	0	0	0
OU2MW-19D	65.0 - 70.0	3	1,141	1,308	748	1,274	3,101	750	2,386	1,335	351	205	204
OU2MW-20S	4.0 - 9.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-20I	13.0 - 23.0	--	--	0	--	--	--	0	--	--	--	--	--
OU2MW-20I2	35.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-20D	65.0 - 70.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-21S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-21I	13.0 - 23.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-22S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-22I	25.0 - 30.0	3	--	0	--	--	--	0	--	--	--	--	--
OU2MW-22I2	46.0 - 51.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-22D	67.0 - 72.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-23S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-23I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-23I2	45.0 - 50.0	0	0	0	--	--	--	0	--	--	--	--	--
OU2MW-23D	65.0 - 70.0	--	--	0	--	--	--	0	--	--	--	--	--
OU2MW-24S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-24I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-24I2	45.0 - 50.0	961	3,130	322	688	202	719	1	1	0	0	0	0
OU2MW-24D	62.0 - 67.0	--	0	0	--	--	--	0	--	--	--	--	--
OU2MW-25S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-25I	25.0 - 30.0	16	0	0	0	45	0	0	0	0	0	2	--
OU2MW-25I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-25D	70.0 - 75.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-26S	6.0 - 11.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-26I	13.0 - 23.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35.0 - 45.0	--	--	1	--	--	--	--	--	--	--	--	--
OU2MW-26D	60.0 - 70.0	0	0	0	--	--	--	0	--	--	--	--	--

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013	2014				2015				2016		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OU2MW-27S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-27I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-27D	65.0 - 70.0	0	0	0	--	--	--	0	--	--	--	--	--
OU2MW-28S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-28I	28.0 - 33.0	--	--	2	--	--	--	--	--	--	--	--	--
OU2MW-28I2	40.0 - 45.0	0	0	0	--	--	--	0	--	--	--	--	--
OU2MW-29I	18.0 - 23.0	10	0	0	--	--	--	0	--	--	--	--	--
OU2MW-29I2	30.0 - 35.0	0	5	0	0	0	0	0	--	--	--	--	--
OU2MW-29D	45.0 - 50.0	128	118	76	41	42	11	15	8	1	1	0	0
OU2MW-30S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-30I	25.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-30I2	30.0 - 35.0	0	0	0	0	0	0	0	0	0	0	2	0
OU2MW-30I3	45.0 - 50.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-30D	50.0 - 55.0	0	0	0	0	0	0	0	0	0	3	0	0
OU2MW-30D2	60.0 - 65.0	10	0	0	63	0	0	0	0	0	0	0	0
OU2MW-31I	18.0 - 23.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-31I2	30.0 - 35.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-32S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-32I	20.0 - 25.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-32I2	30.0 - 35.0	47	0	0	0	0	0	0	0	0	0	0	--
OU2MW-32D	40.0 - 45.0	752	284	440	1,135	1,120	427	5	4	7	2	0	0
OU2MW-33S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-33I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-33I2	35.0 - 40.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-33D	50.0 - 55.0	15	--	2	--	--	--	0	--	--	--	0	0
OU2MW-34S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-34I	25.0 - 30.0	0	0	0	0	--	--	--	--	0	--	--	--
OU2MW-34I2	45.0 - 50.0	121	14	0	0	11	0	--	0	--	--	--	--
OU2MW-35S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-35I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-35I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-35D	57.0 - 62.0	--	--	0	--	--	--	0	--	--	--	--	--
OU2MW-36S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-36I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-36I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-36D	61.0 - 66.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-37S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-37I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-37I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-37D	67.0 - 72.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-38S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-38I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-38I2	46.0 - 51.0	0	--	0	--	--	--	0	--	--	--	--	--
OU2MW-38D	56.0 - 61.0	--	--	0	--	--	--	0	--	--	--	--	--
OU2MW-39S	5.0 - 15.0	0	0	0	0	7	2	0	0	0	0	0	0
OU2MW-39I	25.0 - 30.0	1	0	0	0	0	0	0	0	4	1	0	0
OU2MW-39I2	45.0 - 50.0	2,004	223	76	0	2	1	5	12	0	4	3	0
OU2MW-39D	70.0 - 75.0	8	0	1	0	0	0	0	0	1	0	0	3
OU2MW-40S	5.0 - 15.0	0	33	14	0	0	0	0	0	0	0	0	--
OU2MW-40I	18.0 - 23.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-41S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	0

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013	2014				2015				2016		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
OU2MW-41I	18.0 - 23.0	102	27	0	0	0	0	0	--	--	--	0	--
OU2MW-42S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-42I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-42I2	45.0 - 50.0	22	33	0	59	742	0	0	0	97	49	0	0
OU2MW-42D	60.0 - 65.0	3,504	3,948	3,444	2,650	3,502	2,628	2,091	2,033	3,531	1,827	1,768	2,251
OU2MW-43S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-43I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-43I2	45.0 - 50.0	417	170	5	0	9	12	0	--	--	--	0	--
OU2MW-43D	65.0 - 70.0	2,286	3,044	2,393	2,579	2,219	3,767	1,628	1,357	2,312	673	319	315
OU2MW-44S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-44I	25.0 - 30.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-44I2	45.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-44D	65.0 - 70.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-45S	5.0 - 15.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-45I	20.0 - 25.0	--	--	0	--	--	--	18	0	0	0	0	--
OU2MW-45I2	40.0 - 45.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-45D	55.0 - 60.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-46S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-46I	20.0 - 25.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-46I2	40.0 - 45.0	--	--	0	--	--	--	--	--	--	--	--	--
OU2MW-47S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-47I	20.0 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-47I2	40.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-47D	60.0 - 65.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-55S	5.0 - 15.0	0	0	0	0	0	0	5	0	0	0	0	--
OU2MW-55I	30.0 - 35.0	0	0	0	0	0	0	7	0	0	0	0	--
OU2MW-55I2	50.0 - 55.0	0	0	0	0	0	0	5	0	0	0	0	--
OU2MW-55D	65.0 - 70.0	0	0	0	0	0	0	4	0	0	0	0	--
OU2MW-56S	5.0 - 15.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-56I	25.0 - 30.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-56I2	45.0 - 50.0	--	--	0	--	--	--	0	0	0	0	0	--
OU2MW-56D	65.0 - 70.0	--	--	0	--	--	--	0	0	0	0	0	--

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)							
		Sampling Date			Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016	2017						
		Oct-Dec	Jan-Mar	Apr-Jun					
BBMW-02S	5.0 - 15.0	--	--	--	0	2	0	0	2
BBMW-02I	30.0 - 40.0	--	--	--	0	0	0	0	0
BBMW-02D	73.0 - 83.0	--	--	--	0	2	0	0	2
BBMW-15S	5.0 - 15.0	--	--	--	0	2	0	0	2
BBMW-15I	23.0 - 28.0	--	--	--	0	48	2	0	48
BBMW-15I2	35.0 - 45.0	--	--	--	0	77	3	0	77
BBMW-15D	70.0 - 80.0	--	--	--	0	2	0	0	2
BBMW-16S	5.0 - 15.0	--	--	--	0	2	0	0	2
BBMW-16I	35.0 - 45.0	--	--	--	0	2	0	0	2
BBMW-16D	68.0 - 78.0	--	--	--	0	23	1	0	23
BBMW-24S	4.0 - 14.0	--	--	--	0	908	29	0	908
BBMW-24I	32.0 - 42.0	--	--	--	0	11,246	2,275	0	11,246
BBMW-24D	59.5 - 69.5	--	--	--	0	8,110	1,397	0	8,110
GM-03S	6.78 - 21.78	--	--	--	0	510	101	0	510
GM-03I	30.03 - 45.03	--	--	--	0	1,330	229	0	1,330
GM-03D	53.18 - 68.18	--	--	--	0	1,238	117	0	1,238
MW-16AS	3.0 - 13.0	--	--	--	0	0	0	0	0
OU2MW-08WT	3.0 - 8.0	--	--	--	0	62	4	0	62
OU2MW-08S	20.0 - 25.0	--	--	--	0	13,563	3,773	0	13,563
OU2MW-08I	35.0 - 40.0	--	--	--	0	12,258	1,889	0	12,258
OU2MW-08I2	50.0 - 55.0	41	--	10	0	3,501	1,048	0	3,501
OU2MW-08D	65.0 - 70.0	--	--	--	0	3,892	134	0	3,892
OU2MW-19I	13.0 - 23.0	0	0	0	0	1,459	94	0	1,459
OU2MW-19I2	35.0 - 45.0	0	0	0	0	7,648	1,225	0	7,648
OU2MW-19D	65.0 - 70.0	47	104	0	0	3,718	947	0	3,718
OU2MW-20S	4.0 - 9.0	--	--	--	0	2	0	0	2
OU2MW-20I	13.0 - 23.0	--	--	--	0	101	12	0	101
OU2MW-20I2	35.0 - 45.0	--	--	--	0	5	0	0	5
OU2MW-20D	65.0 - 70.0	--	--	--	0	2	0	0	2
OU2MW-21S	5.0 - 15.0	--	--	--	0	424	44	0	424
OU2MW-21I	13.0 - 23.0	--	--	--	0	5,417	599	0	5,417
OU2MW-21I2	35.0 - 45.0	--	--	--	0	3,985	816	0	3,985
OU2MW-22S	5.0 - 15.0	--	--	--	0	3	0	0	3
OU2MW-22I	25.0 - 30.0	--	--	--	0	181	16	0	181
OU2MW-22I2	46.0 - 51.0	--	--	--	0	0	0	0	0
OU2MW-22D	67.0 - 72.0	--	--	--	0	0	0	0	0
OU2MW-23S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-23I	25.0 - 30.0	--	--	--	0	1,009	129	0	1,009
OU2MW-23I2	45.0 - 50.0	--	--	--	0	434	44	0	434
OU2MW-23D	65.0 - 70.0	--	--	--	0	4	0	0	4
OU2MW-24S	5.0 - 15.0	--	--	--	0	258	15	0	258
OU2MW-24I	25.0 - 30.0	--	--	--	0	6,015	748	0	6,015
OU2MW-24I2	45.0 - 50.0	--	--	--	0	3,130	345	0	3,130
OU2MW-24D	62.0 - 67.0	--	--	--	0	20	1	0	20
OU2MW-25S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-25I	25.0 - 30.0	--	--	--	0	149	25	0	149
OU2MW-25I2	45.0 - 50.0	--	--	--	0	0	0	0	0
OU2MW-25D	70.0 - 75.0	--	--	--	0	2	0	0	2
OU2MW-26S	6.0 - 11.0	--	--	--	0	5	0	0	5
OU2MW-26I	13.0 - 23.0	--	--	--	0	277	38	0	277
OU2MW-26I2	35.0 - 45.0	--	--	--	0	3,990	383	0	3,990
OU2MW-26D	60.0 - 70.0	--	--	--	0	5,814	1,206	0	5,814

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)							
		Sampling Date			Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016	2017						
		Oct-Dec	Jan-Mar	Apr-Jun					
OU2MW-27S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-27I	25.0 - 30.0	--	--	--	0	10	1	0	10
OU2MW-27I2	45.0 - 50.0	--	--	--	0	18	2	0	18
OU2MW-27D	65.0 - 70.0	--	--	--	0	1,150	86	0	1,150
OU2MW-28S	5.0 - 15.0	--	--	--	0	4	0	0	4
OU2MW-28I	28.0 - 33.0	--	--	--	0	283	30	0	283
OU2MW-28I2	40.0 - 45.0	--	--	--	0	4,443	461	0	4,443
OU2MW-29I	18.0 - 23.0	--	--	--	0	1,083	136	0	1,083
OU2MW-29I2	30.0 - 35.0	--	--	--	0	6,159	731	0	6,159
OU2MW-29D	45.0 - 50.0	0	--	0	0	2,937	853	0	2,937
OU2MW-30S	5.0 - 15.0	0	0	0	0	1,990	57	0	1,990
OU2MW-30I	25.0 - 30.0	0	0	0	0	7,304	580	0	7,304
OU2MW-30I2	30.0 - 35.0	0	0	3	0	6,605	665	0	6,605
OU2MW-30I3	45.0 - 50.0	0	0	0	0	5,586	474	0	5,586
OU2MW-30D	50.0 - 55.0	0	0	0	0	5,989	403	0	5,989
OU2MW-30D2	60.0 - 65.0	0	3	1	0	4,735	643	0	4,735
OU2MW-31I	18.0 - 23.0	--	--	--	0	488	48	0	488
OU2MW-31I2	30.0 - 35.0	--	--	--	0	841	47	0	841
OU2MW-32S	5.0 - 15.0	--	--	--	0	63	3	0	63
OU2MW-32I	20.0 - 25.0	--	--	--	0	7,796	1,509	0	7,796
OU2MW-32I2	30.0 - 35.0	--	--	--	0	5,230	373	0	5,230
OU2MW-32D	40.0 - 45.0	0	--	0	0	1,578	355	0	1,578
OU2MW-33S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-33I	25.0 - 30.0	--	--	--	0	565	55	0	565
OU2MW-33I2	35.0 - 40.0	--	--	--	0	679	48	0	679
OU2MW-33D	50.0 - 55.0	--	--	--	0	16	2	0	16
OU2MW-34S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-34I	25.0 - 30.0	--	--	--	0	333	78	0	333
OU2MW-34I2	45.0 - 50.0	--	--	--	0	121	10	0	121
OU2MW-35S	5.0 - 15.0	--	--	--	0	3	0	0	3
OU2MW-35I	25.0 - 30.0	--	--	--	0	2,270	140	0	2,270
OU2MW-35I2	45.0 - 50.0	--	--	--	0	0	0	0	0
OU2MW-35D	57.0 - 62.0	--	--	--	0	16	2	0	16
OU2MW-36S	5.0 - 15.0	--	--	--	0	2	0	0	2
OU2MW-36I	25.0 - 30.0	--	--	--	0	1,302	122	0	1,302
OU2MW-36I2	45.0 - 50.0	--	--	--	0	1	0	0	1
OU2MW-36D	61.0 - 66.0	--	--	--	0	1	0	0	1
OU2MW-37S	5.0 - 15.0	--	--	--	0	4	0	0	4
OU2MW-37I	25.0 - 30.0	--	--	--	0	216	22	0	216
OU2MW-37I2	45.0 - 50.0	--	--	--	0	4	0	0	4
OU2MW-37D	67.0 - 72.0	--	--	--	0	0	0	0	0
OU2MW-38S	5.0 - 15.0	--	--	--	0	2	0	0	2
OU2MW-38I	25.0 - 30.0	--	--	--	0	2,992	304	0	2,992
OU2MW-38I2	46.0 - 51.0	--	--	--	0	1,312	92	0	1,312
OU2MW-38D	56.0 - 61.0	--	--	--	0	60	4	0	60
OU2MW-39S	5.0 - 15.0	0	0	0	0	12	1	0	12
OU2MW-39I	25.0 - 30.0	0	0	0	0	32	2	0	32
OU2MW-39I2	45.0 - 50.0	0	32	0	0	3,780	471	0	3,780
OU2MW-39D	70.0 - 75.0	0	0	2	0	8	1	0	8
OU2MW-40S	5.0 - 15.0	--	--	--	0	1,490	50	0	1,490
OU2MW-40I	18.0 - 23.0	--	--	--	0	167	31	0	167
OU2MW-41S	5.0 - 15.0	--	--	0	0	143	8	0	143

Table 4-7. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Mid-Plume
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)							
		Sampling Date			Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016	2017						
		Oct-Dec	Jan-Mar	Apr-Jun					
OU2MW-41I	18.0 - 23.0	--	--	--	0	4,276	480	0	4,276
OU2MW-42S	5.0 - 15.0	--	--	--	0	107	8	0	107
OU2MW-42I	25.0 - 30.0	--	--	--	0	106	8	0	106
OU2MW-42I2	45.0 - 50.0	0	0	0	0	742	40	0	742
OU2MW-42D	60.0 - 65.0	2,931	5,230	2,370	4	5,230	1,643	4	5,230
OU2MW-43S	5.0 - 15.0	--	--	--	0	219	18	0	219
OU2MW-43I	25.0 - 30.0	--	--	--	0	197	15	0	197
OU2MW-43I2	45.0 - 50.0	--	--	--	0	5,130	429	0	5,130
OU2MW-43D	65.0 - 70.0	370	597	332	0	4,928	1,268	0	4,928
OU2MW-44S	5.0 - 15.0	--	--	--	0	0	0	0	0
OU2MW-44I	25.0 - 30.0	--	--	--	0	1	0	0	1
OU2MW-44I2	45.0 - 50.0	--	--	--	0	0	0	0	0
OU2MW-44D	65.0 - 70.0	--	--	--	0	0	0	0	0
OU2MW-45S	5.0 - 15.0	--	--	0	0	45	2	0	45
OU2MW-45I	20.0 - 25.0	--	--	0	0	200	13	0	200
OU2MW-45I2	40.0 - 45.0	--	--	0	0	39	2	0	39
OU2MW-45D	55.0 - 60.0	--	--	0	0	13	1	0	13
OU2MW-46S	5.0 - 15.0	--	--	--	0	31	2	0	31
OU2MW-46I	20.0 - 25.0	--	--	--	0	2,503	260	0	2,503
OU2MW-46I2	40.0 - 45.0	--	--	--	0	56	3	0	56
OU2MW-47S	5.0 - 15.0	0	0	0	0	56	2	0	56
OU2MW-47I	20.0 - 25.0	0	0	0	0	1,043	54	0	1,043
OU2MW-47I2	40.0 - 45.0	0	0	0	0	6,146	289	0	6,146
OU2MW-47D	60.0 - 65.0	0	0	0	0	7,437	786	0	7,437
OU2MW-55S	5.0 - 15.0	--	--	0	0	5	0	0	5
OU2MW-55I	30.0 - 35.0	--	--	0	0	111	5	0	111
OU2MW-55I2	50.0 - 55.0	--	--	0	0	336	14	0	336
OU2MW-55D	65.0 - 70.0	--	--	0	0	252	20	0	252
OU2MW-56S	5.0 - 15.0	--	--	0	0	2	0	0	2
OU2MW-56I	25.0 - 30.0	--	--	0	0	6	0	0	6
OU2MW-56I2	45.0 - 50.0	--	--	0	0	8	0	0	8
OU2MW-56D	65.0 - 70.0	--	--	0	0	0	0	0	0

Notes for groundwater tables are compiled at the end of the Tables in this section.

Table4-8. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Downgradient
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2000	2002			2003			2004	
		Sep	Sep	Oct/Nov	Nov/Dec	Jan/Feb	Apr/May	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May
BBMW-03S	3.0 - 13.0	--	--	0	--	2	0	--	--	--	--	--	--
BBMW-03I	30.0 - 40.0	--	--	2	--	1	0	--	--	--	--	--	--
BBMW-03D	52.0 - 62.0	--	--	3	--	3	0	--	--	--	--	--	--
BBMW-07S	5.0 - 15.0	--	--	2	--	--	5	0	0	116	241	160	11
BBMW-07I	30.0 - 40.0	--	--	0	--	--	0	0	--	--	--	--	--
BBMW-07D	55.0 - 65.0	--	--	0	--	--	0	--	--	--	--	--	--
BBMW-25S	4.0 - 14.0	--	--	--	--	--	58	0	0	0	0	0	--
BBMW-25I	25.0 - 35.0	--	--	--	--	--	1,034	533	1,330	980	1,707	1,304	936
BBMW-25D	62.0 - 72.0	--	--	--	--	--	45	--	59	75	44	29	20
GM-05S	5.1 - 20.1	0	422	283	124	27	106	307	87	367	0	0	0
GM-05I	35.05 - 48.05	0	0	2	0	0	0	0	0	--	0	--	--
GM-05D	60.95 - 75.95	0	0	0	0	0	0	--	--	--	--	--	--
GM-08S	6.35-21.35	--	--	--	--	--	--	--	--	--	--	--	--
GM-08I	29.95-44.95	--	--	--	--	--	--	--	--	--	--	--	--
GM-08D	48.25-63.25	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25.0 - 30.0	--	--	--	1,090	1,056	433	348	250	824	454	692	455
GMP-02	18.0 - 23.0	--	--	--	1,387	321	197	2,268	710	2,275	1,194	1,735	913
GMP-04	15.5 - 20.5	--	--	--	60	67	44	82	0	11	12	331	385
OU2IW-01S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01WT	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01S	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03S	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04WT	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04S	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04I	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-05	25.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06	15.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-07S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-07	15.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-09	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10S	3.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--

Table4-8. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Downgradient
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2000	2002			2003			2004	
		Sep	Sep	Oct/Nov	Nov/Dec	Jan/Feb	Apr/May	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May
OU2MW-11I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12S	3.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--

Table4-8. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Downgradient
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004		2005				2006				2007	
		Jul/Aug	Nov/Dec	Feb/Mar	June	August	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul
BBMW-03S	3.0 - 13.0	0	0	--	--	0	--	0	0	0	0	393	0
BBMW-03I	30.0 - 40.0	0	0	--	--	0	--	0	0	0	0	0	0
BBMW-03D	52.0 - 62.0	--	0	--	--	0	--	0	0	0	0	0	0
BBMW-07S	5.0 - 15.0	39	20	0	--	--	0	0	0	37	0	0	0
BBMW-07I	30.0 - 40.0	--	0	--	--	--	--	--	--	--	--	--	0
BBMW-07D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	25	0
BBMW-25S	4.0 - 14.0	0	0	0	--	0	0	0	0	0	0	0	0
BBMW-25I	25.0 - 35.0	865	1,007	1,995	--	1,082	1,360	264	0	79	344	0	150
BBMW-25D	62.0 - 72.0	0	110	78	--	47	--	11	21	78	76	0	0
GM-05S	5.1 - 20.1	157	0	134	0	40	57	140	21	0	12	0	2
GM-05I	35.05 - 48.05	0	0	--	--	--	--	0	--	--	--	0	0
GM-05D	60.95 - 75.95	0	--	--	--	--	--	0	--	--	--	0	0
GM-08S	6.35-21.35	--	--	--	--	--	--	--	--	--	--	--	--
GM-08I	29.95-44.95	--	--	--	--	--	--	--	--	--	--	--	--
GM-08D	48.25-63.25	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25.0 - 30.0	587	200	2,130	3,200	1,280	250	562	577	1,156	4,726	185	169
GMP-02	18.0 - 23.0	660	24	1,318	1,090	550	311	151	11	12	0	0	0
GMP-04	15.5 - 20.5	345	1,483	263	214	366	1,132	242	83	242	280	652	36
OU2IW-01S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01WT	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-01S	20.0 - 25.0	--	--	--	--	1,243	--	348	176	988	288	876	46
OU2MW-01I	35.0 - 40.0	--	--	--	--	77	--	767	170	170	424	885	443
OU2MW-01I2	50.0 - 55.0	--	--	--	--	25	--	195	126	52	51	51	31
OU2MW-01D	65.0 - 70.0	--	--	--	--	0	--	0	0	0	0	0	0
OU2MW-02S	20.0 - 25.0	--	--	--	--	100	--	181	111	282	573	27	270
OU2MW-02I	35.0 - 40.0	--	--	--	--	477	--	370	415	493	459	645	260
OU2MW-02I2	50.0 - 55.0	--	--	--	--	10	--	0	0	0	0	0	0
OU2MW-02D	65.0 - 70.0	--	--	--	--	0	--	0	0	0	0	0	0
OU2MW-03S	20.0 - 25.0	--	--	--	--	151	--	530	234	225	206	0	1,108
OU2MW-03I	35.0 - 40.0	--	--	--	--	0	--	0	0	0	182	0	0
OU2MW-03I2	50.0 - 55.0	--	--	--	--	0	--	0	0	0	0	11	29
OU2MW-03D	65.0 - 70.0	--	--	--	--	0	--	0	0	0	0	0	0
OU2MW-04WT	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-04S	20.0 - 25.0	--	--	--	--	3,130	--	844	740	1,176	386	421	873
OU2MW-04I	35.0 - 40.0	--	--	--	--	267	--	885	296	23	0	134	244
OU2MW-04I2	50.0 - 55.0	--	--	--	--	41	--	32	0	0	0	0	5
OU2MW-04D	65.0 - 70.0	--	--	--	--	0	--	0	0	0	0	0	0
OU2MW-05	25.0 - 35.0	--	--	--	--	1,120	--	224	254	1,039	3,159	280	188
OU2MW-06S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-06	15.0 - 25.0	--	--	--	--	1,085	--	11	0	0	0	53	0
OU2MW-07S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-07	15.0 - 25.0	--	--	--	--	35	--	59	39	0	35	0	3
OU2MW-09	30.0 - 40.0	--	--	--	--	0	--	0	0	0	0	0	0
OU2MW-10S	3.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-10I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	3
OU2MW-10D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-11S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0

Table4-8. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Downgradient
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004		2005				2006				2007	
		Jul/Aug	Nov/Dec	Feb/Mar	June	August	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul
OU2MW-11I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	168
OU2MW-11I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	293
OU2MW-11D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	3
OU2MW-12S	3.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-12I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	466
OU2MW-12I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	30
OU2MW-12D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	23
OU2MW-13S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-13I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	29
OU2MW-13D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	4
OU2MW-14S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-14I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-15I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	795
OU2MW-15I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-15D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-16S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-16I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	79
OU2MW-16I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-16D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-52S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--

Table4-8. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Downgradient
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007		2008				2009				2010	
		Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
BBMW-03S	3.0 - 13.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-03I	30.0 - 40.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-03D	52.0 - 62.0	0	0	0	0	0	0	0	0	0	0	0	1
BBMW-07S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-07I	30.0 - 40.0	--	0	0	0	0	0	0	0	0	0	0	0
BBMW-07D	55.0 - 65.0	--	0	0	0	0	0	0	0	0	0	0	0
BBMW-25S	4.0 - 14.0	0	0	2	0	0	0	0	0	0	0	0	0
BBMW-25I	25.0 - 35.0	252	41	158	169	101	523	469	301	46	18	6	0
BBMW-25D	62.0 - 72.0	16	6	2	6	8	8	35	32	2	4	15	9
GM-05S	5.1 - 20.1	0	14	185	55	16	113	8	36	11	6	8	7
GM-05I	35.05 - 48.05	13	0	0	0	0	0	0	0	0	0	0	0
GM-05D	60.95 - 75.95	0	0	4	0	0	0	2	0	0	0	0	0
GM-08S	6.35-21.35	--	--	--	--	--	--	--	--	--	--	--	--
GM-08I	29.95-44.95	--	--	--	--	--	--	--	--	--	--	--	--
GM-08D	48.25-63.25	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25.0 - 30.0	49	135	182	94	170	655	762	869	432	372	535	247
GMP-02	18.0 - 23.0	0	0	3	4	0	0	0	0	0	0	0	0
GMP-04	15.5 - 20.5	295	264	15	0	0	0	0	0	0	0	0	0
OU2IW-01S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-01WT	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-01S	20.0 - 25.0	182	102	42	6	15	82	69	334	107	2	0	4
OU2MW-01I	35.0 - 40.0	408	85	8	1	13	10	2	195	186	4	2	0
OU2MW-01I2	50.0 - 55.0	0	0	0	0	0	0	0	0	3	1	0	47
OU2MW-01D	65.0 - 70.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-02S	20.0 - 25.0	137	1	29	52	20	6	5	184	46	0	0	0
OU2MW-02I	35.0 - 40.0	410	229	377	412	281	359	370	335	350	154	378	118
OU2MW-02I2	50.0 - 55.0	0	1	11	0	2	1	3	2	0	0	0	0
OU2MW-02D	65.0 - 70.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-03S	20.0 - 25.0	223	9	45	94	42	53	30	99	48	90	13	0
OU2MW-03I	35.0 - 40.0	0	0	0	0	85	1,262	366	15	0	14	158	219
OU2MW-03I2	50.0 - 55.0	0	0	0	0	0	0	5	38	10	8	2	0
OU2MW-03D	65.0 - 70.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-04WT	3.0 - 8.0	0	0	0	0	0	10	0	0	0	0	0	0
OU2MW-04S	20.0 - 25.0	253	600	791	200	200	730	841	891	654	818	345	70
OU2MW-04I	35.0 - 40.0	252	158	174	25	67	120	97	198	28	22	68	68
OU2MW-04I2	50.0 - 55.0	0	0	0	0	0	0	0	189	1	0	63	36
OU2MW-04D	65.0 - 70.0	0	3	2	1	0	1	2	0	0	0	0	0
OU2MW-05	25.0 - 35.0	110	202	221	158	181	514	466	290	369	242	94	137
OU2MW-06S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-06	15.0 - 25.0	0	0	11	3	0	2	0	0	0	0	0	3
OU2MW-07S	3.0 - 8.0	0	0	1	0	0	0	0	0	0	0	0	0
OU2MW-07	15.0 - 25.0	0	1	15	3	3	0	0	2	0	0	4	53
OU2MW-09	30.0 - 40.0	0	0	0	0	0	0	0	0	0	0	0	1
OU2MW-10S	3.0 - 7.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-10I	20.0 - 25.0	0	278	906	14	10	143	76	33	32	36	0	41
OU2MW-10D	35.0 - 40.0	0	0	0	198	39	351	78	0	28	43	0	2
OU2MW-11S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0

Table4-8. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Downgradient
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007		2008				2009				2010	
		Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
OU2MW-11I	20.0 - 25.0	13	356	245	263	249	227	170	132	69	153	48	187
OU2MW-11I2	30.0 - 35.0	329	43	67	33	41	81	98	25	1	66	10	0
OU2MW-11D	40.0 - 45.0	0	0	0	0	0	0	8	5	20	18	26	56
OU2MW-12S	3.0 - 7.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-12I	20.0 - 25.0	143	70	70	81	78	62	107	48	139	96	77	13
OU2MW-12I2	30.0 - 35.0	2	7	23	2	0	0	53	19	7	58	0	2
OU2MW-12D	40.0 - 45.0	13	21	17	11	0	0	0	0	0	0	0	80
OU2MW-13S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-13I	20.0 - 25.0	9	0	7	4	1	7	13	3	22	0	19	8
OU2MW-13D	35.0 - 40.0	27	5	0	10	10	0	34	13	29	23	9	10
OU2MW-14S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-14I	20.0 - 25.0	--	--	0	0	0	0	0	0	0	0	0	0
OU2MW-14I2	45.0 - 50.0	--	--	0	0	0	0	0	0	0	0	0	0
OU2MW-15S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-15I	20.0 - 25.0	32	1	40	8	6	14	0	63	175	3	0	0
OU2MW-15I2	30.0 - 35.0	599	367	0	0	0	0	0	0	0	0	0	0
OU2MW-15D	40.0 - 45.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-16S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-16I	15.0 - 20.0	1	11	0	0	0	0	0	0	0	0	0	0
OU2MW-16I2	25.0 - 30.0	9	53	6	2	0	0	0	0	84	0	0	0
OU2MW-16D	35.0 - 40.0	0	0	149	0	0	1	0	2	0	0	0	0
OU2MW-52S	3.0 - 8.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-52I	20.0 - 25.0	--	--	--	--	--	--	--	128	0	0	0	0
OU2MW-52D	35.0 - 40.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-53S	3.0 - 8.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-53I	20.0 - 25.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-53D	35.0 - 40.0	--	--	--	--	--	--	--	0	0	0	2	0

Table4-8. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Downgradient
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010		2011				2012				2013	
		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
BBMW-03S	3.0 - 13.0	0	0	0	0	0	0	0	0	0	--	--	0
BBMW-03I	30.0 - 40.0	0	0	0	0	0	0	0	0	0	--	--	0
BBMW-03D	52.0 - 62.0	1	0	0	0	0	0	0	0	0	--	--	0
BBMW-07S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	--	--	0
BBMW-07I	30.0 - 40.0	0	0	0	0	0	0	0	0	0	--	--	0
BBMW-07D	55.0 - 65.0	0	0	0	0	0	0	0	0	0	--	--	0
BBMW-25S	4.0 - 14.0	0	0	0	0	0	0	0	0	0	--	--	0
BBMW-25I	25.0 - 35.0	0	0	0	0	0	0	0	0	0	--	--	0
BBMW-25D	62.0 - 72.0	0	0	0	0	23	7	1	1	0	0	0	0
GM-05S	5.1 - 20.1	13	2	0	0	1	0	0	0	0	--	--	0
GM-05I	35.05 - 48.05	0	0	0	0	0	0	0	0	0	--	--	0
GM-05D	60.95 - 75.95	0	0	0	0	0	0	0	0	0	--	--	0
GM-08S	6.35-21.35	--	--	--	--	--	--	--	--	--	--	--	--
GM-08I	29.95-44.95	--	--	--	--	--	--	--	--	--	--	--	--
GM-08D	48.25-63.25	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25.0 - 30.0	93	37	68	7	12	2	0	0	0	0	0	0
GMP-02	18.0 - 23.0	3	0	0	0	0	0	0	0	0	--	--	0
GMP-04	15.5 - 20.5	0	3	0	0	0	0	0	0	0	--	--	0
OU2IW-01S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-01WT	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-01S	20.0 - 25.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-01I	35.0 - 40.0	0	0	0	0	0	0	3	1	0	--	--	0
OU2MW-01I2	50.0 - 55.0	14	10	0	0	0	0	0	0	0	--	--	0
OU2MW-01D	65.0 - 70.0	72	0	0	0	0	0	1	0	0	--	--	0
OU2MW-02S	20.0 - 25.0	0	0	0	0	0	0	0	0	1	0	0	0
OU2MW-02I	35.0 - 40.0	136	179	137	130	97	107	61	50	56	46	32	11
OU2MW-02I2	50.0 - 55.0	0	0	0	0	0	0	0	2	0	0	0	0
OU2MW-02D	65.0 - 70.0	0	0	0	0	4	0	0	0	0	0	0	0
OU2MW-03S	20.0 - 25.0	7	0	0	0	0	0	0	0	0	--	--	0
OU2MW-03I	35.0 - 40.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-03I2	50.0 - 55.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-03D	65.0 - 70.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-04WT	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-04S	20.0 - 25.0	89	51	0	0	0	0	0	0	0	0	0	0
OU2MW-04I	35.0 - 40.0	17	34	123	121	115	136	118	70	35	32	22	20
OU2MW-04I2	50.0 - 55.0	7	0	0	0	0	8	0	0	0	0	0	0
OU2MW-04D	65.0 - 70.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-05	25.0 - 35.0	139	51	30	8	18	11	2	6	0	0	0	0
OU2MW-06S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-06	15.0 - 25.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-07S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-07	15.0 - 25.0	0	0	0	0	0	0	9	1	0	0	0	0
OU2MW-09	30.0 - 40.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-10S	3.0 - 7.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-10I	20.0 - 25.0	529	326	140	192	13	2	0	0	0	3	2	0
OU2MW-10D	35.0 - 40.0	65	120	4	0	0	0	0	0	0	--	--	0
OU2MW-11S	3.0 - 8.0	0	0	--	0	0	0	2	3	0	--	--	0

Table4-8. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Downgradient
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2010		2011				2012				2013	
		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
OU2MW-11I	20.0 - 25.0	55	73	91	27	2	0	0	3	1	0	--	0
OU2MW-11I2	30.0 - 35.0	0	24	9	4	8	18	18	3	14	0	0	0
OU2MW-11D	40.0 - 45.0	39	1	14	19	92	1	5	87	50	10	5	15
OU2MW-12S	3.0 - 7.0	0	0	0	0	0	0	2	0	0	0	0	0
OU2MW-12I	20.0 - 25.0	35	121	60	5	0	0	0	0	0	0	0	0
OU2MW-12I2	30.0 - 35.0	37	3	26	5	0	3	0	0	5	0	0	0
OU2MW-12D	40.0 - 45.0	73	49	0	15	16	4	2	0	0	5	3	3
OU2MW-13S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-13I	20.0 - 25.0	3	0	2	1	0	0	0	0	0	--	--	0
OU2MW-13D	35.0 - 40.0	8	24	10	2	1	0	8	0	3	3	2	0
OU2MW-14S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-14I	20.0 - 25.0	0	0	0	0	0	0	0	0	261	--	194	13
OU2MW-14I2	45.0 - 50.0	0	0	0	0	0	0	0	0	1	--	--	0
OU2MW-15S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-15I	20.0 - 25.0	73	6	12	83	0	0	0	9	279	18	4	0
OU2MW-15I2	30.0 - 35.0	0	184	0	0	0	0	0	0	0	--	--	0
OU2MW-15D	40.0 - 45.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-16S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-16I	15.0 - 20.0	0	0	0	0	26	0	0	0	0	0	--	0
OU2MW-16I2	25.0 - 30.0	22	0	5	0	0	4	0	0	0	0	1	0
OU2MW-16D	35.0 - 40.0	0	0	0	0	0	20	0	0	0	0	0	0
OU2MW-52S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-52I	20.0 - 25.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-52D	35.0 - 40.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-53S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-53I	20.0 - 25.0	0	0	0	0	0	0	0	0	0	--	0	--
OU2MW-53D	35.0 - 40.0	0	0	0	0	0	3	0	0	0	0	0	0

Table4-8. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Downgradient
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013		2014				2015				2016	
		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
BBMW-03S	3.0 - 13.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-03I	30.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-03D	52.0 - 62.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-07S	5.0 - 15.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-07I	30.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-07D	55.0 - 65.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-25S	4.0 - 14.0	--	--	--	0	0	--	--	--	--	--	--	--
BBMW-25I	25.0 - 35.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-25D	62.0 - 72.0	0	0	0	0	--	--	--	0	--	--	--	--
GM-05S	5.1 - 20.1	--	--	--	0	--	--	--	--	--	--	--	--
GM-05I	35.05 - 48.05	--	--	--	0	--	--	--	--	--	--	--	--
GM-05D	60.95 - 75.95	--	--	--	0	--	--	--	--	--	--	--	--
GM-08S	6.35-21.35	--	--	--	0	--	--	--	--	--	--	--	--
GM-08I	29.95-44.95	--	--	--	0	--	--	--	--	--	--	--	--
GM-08D	48.25-63.25	--	--	--	0	--	--	--	--	--	--	--	--
GMP-01	25.0 - 30.0	0	0	--	0	--	--	--	0	--	--	--	--
GMP-02	18.0 - 23.0	--	--	--	0	--	--	--	--	--	--	--	--
GMP-04	15.5 - 20.5	--	--	--	0	--	--	--	--	--	--	--	--
OU2IW-01S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-01WT	3.0 - 8.0	--	--	--	0	0	--	--	--	--	--	--	--
OU2MW-01S	20.0 - 25.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-01I	35.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-01I2	50.0 - 55.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-01D	65.0 - 70.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-02S	20.0 - 25.0	0	0	0	0	0	0	0	0	0	3	0	0
OU2MW-02I	35.0 - 40.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-02I2	50.0 - 55.0	3	6	8	1	2	2	0	0	0	0	0	0
OU2MW-02D	65.0 - 70.0	0	0	0	0	0	0	1	0	0	0	0	0
OU2MW-03S	20.0 - 25.0	--	--	--	0	0	--	--	--	--	--	--	--
OU2MW-03I	35.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-03I2	50.0 - 55.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-03D	65.0 - 70.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-04WT	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-04S	20.0 - 25.0	0	--	--	0	--	--	--	0	--	--	--	--
OU2MW-04I	35.0 - 40.0	5	17	14	6	9	6	4	0	0	12	2	2
OU2MW-04I2	50.0 - 55.0	2	--	--	3	--	--	--	0	--	--	--	0
OU2MW-04D	65.0 - 70.0	0	--	--	0	--	--	--	0	--	--	--	--
OU2MW-05	25.0 - 35.0	0	--	--	0	--	--	--	0	--	--	--	--
OU2MW-06S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-06	15.0 - 25.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-07S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-07	15.0 - 25.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-09	30.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-10S	3.0 - 7.0	--	--	--	0	--	--	--	--	--	--	--	0
OU2MW-10I	20.0 - 25.0	0	0	0	0	--	--	--	1	--	--	--	114
OU2MW-10D	35.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-11S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--

Table4-8. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Downgradient
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013		2014				2015				2016	
		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
OU2MW-11I	20.0 - 25.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-11I2	30.0 - 35.0	0	12	--	0	--	--	--	0	--	--	--	--
OU2MW-11D	40.0 - 45.0	0	0	0	0	0	0	--	0	--	--	--	1
OU2MW-12S	3.0 - 7.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-12I	20.0 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-12I2	30.0 - 35.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-12D	40.0 - 45.0	0	0	13	2	11	10	30	33	1	0	0	0
OU2MW-13S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-13I	20.0 - 25.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-13D	35.0 - 40.0	0	0	--	0	--	--	--	0	--	--	--	--
OU2MW-14S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-14I	20.0 - 25.0	0	31	27	90	0	0	0	0	0	--	--	0
OU2MW-14I2	45.0 - 50.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-15S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-15I	20.0 - 25.0	0	0	0	0	--	--	--	0	--	--	--	--
OU2MW-15I2	30.0 - 35.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-15D	40.0 - 45.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-16S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-16I	15.0 - 20.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-16I2	25.0 - 30.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-16D	35.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-52S	3.0 - 8.0	--	--	--	0	--	--	--	0	0	0	0	--
OU2MW-52I	20.0 - 25.0	--	--	--	0	--	--	--	0	0	0	0	--
OU2MW-52D	35.0 - 40.0	--	--	--	0	--	--	--	0	0	0	0	--
OU2MW-53S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-53I	20.0 - 25.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-53D	35.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--

Table4-8. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Downgradient
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)								
		Sampling Date				Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016		2017						
		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun					
BBMW-03S	3.0 - 13.0	--	--	--	--	0	393	11	0	393
BBMW-03I	30.0 - 40.0	--	--	--	--	0	2	0	0	2
BBMW-03D	52.0 - 62.0	--	--	--	--	0	3	0	0	3
BBMW-07S	5.0 - 15.0	--	--	--	--	0	241	15	0	241
BBMW-07I	30.0 - 40.0	--	--	--	--	0	0	0	0	0
BBMW-07D	55.0 - 65.0	--	--	--	--	0	25	1	0	25
BBMW-25S	4.0 - 14.0	--	--	--	--	0	58	1	0	58
BBMW-25I	25.0 - 35.0	--	--	--	--	0	1,995	416	0	1,995
BBMW-25D	62.0 - 72.0	--	--	--	--	0	110	19	0	110
GM-05S	5.1 - 20.1	--	--	--	--	0	422	59	0	422
GM-05I	35.05 - 48.05	--	--	--	--	0	13	0	0	13
GM-05D	60.95 - 75.95	--	--	--	--	0	4	0	0	4
GM-08S	6.35-21.35	--	--	--	--	0	0	0	0	0
GM-08I	29.95-44.95	--	--	--	--	0	0	0	0	0
GM-08D	48.25-63.25	--	--	--	--	0	0	0	0	0
GMP-01	25.0 - 30.0	--	--	--	--	0	4,726	517	0	4,726
GMP-02	18.0 - 23.0	--	--	--	--	0	2,275	344	0	2,275
GMP-04	15.5 - 20.5	--	--	--	--	0	1,483	157	0	1,483
OU2IW-01S	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-01WT	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-01S	20.0 - 25.0	--	--	--	--	0	1,243	164	0	1,243
OU2MW-01I	35.0 - 40.0	--	--	--	--	0	885	128	0	885
OU2MW-01I2	50.0 - 55.0	--	--	--	--	0	195	20	0	195
OU2MW-01D	65.0 - 70.0	--	--	--	--	0	72	2	0	72
OU2MW-02S	20.0 - 25.0	0	0	0	0	0	573	44	0	573
OU2MW-02I	35.0 - 40.0	0	0	0	0	0	645	172	0	645
OU2MW-02I2	50.0 - 55.0	0	1.6	1.5	3	0	11	1	0	11
OU2MW-02D	65.0 - 70.0	0	0	0	0	0	4	0	0	4
OU2MW-03S	20.0 - 25.0	--	--	--	--	0	1,108	103	0	1,108
OU2MW-03I	35.0 - 40.0	--	--	--	--	0	1,262	77	0	1,262
OU2MW-03I2	50.0 - 55.0	--	--	--	--	0	38	3	0	38
OU2MW-03D	65.0 - 70.0	--	--	--	--	0	0	0	0	0
OU2MW-04WT	3.0 - 8.0	--	--	--	--	0	10	0	0	10
OU2MW-04S	20.0 - 25.0	--	--	--	--	0	3,130	415	0	3,130
OU2MW-04I	35.0 - 40.0	3	0	0	0	0	885	88	0	885
OU2MW-04I2	50.0 - 55.0	--	--	--	--	0	189	11	0	189
OU2MW-04D	65.0 - 70.0	--	--	--	--	0	3	0	0	3
OU2MW-05	25.0 - 35.0	--	--	--	--	0	3,159	280	0	3,159
OU2MW-06S	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-06	15.0 - 25.0	--	--	--	--	0	1,085	39	0	1,085
OU2MW-07S	3.0 - 8.0	--	--	--	--	0	1	0	0	1
OU2MW-07	15.0 - 25.0	--	--	--	--	0	59	8	0	59
OU2MW-09	30.0 - 40.0	--	--	--	--	0	1	0	0	1
OU2MW-10S	3.0 - 7.0	--	--	--	--	0	0	0	0	0
OU2MW-10I	20.0 - 25.0	--	--	--	--	0	906	93	0	906
OU2MW-10D	35.0 - 40.0	--	--	--	--	0	351	39	0	351
OU2MW-11S	3.0 - 8.0	--	--	--	--	0	3	0	0	3

Table4-8. OU-2 Summary of Historical Total BTEX Groundwater Analytical Results
Downgradient
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
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Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentrations (µg/L)								
		Sampling Date				Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016		2017						
		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun					
OU2MW-11I	20.0 - 25.0	--	--	--	--	0	356	101	0	356
OU2MW-11I2	30.0 - 35.0	--	--	--	--	0	329	41	0	329
OU2MW-11D	40.0 - 45.0	--	--	--	--	0	92	14	0	92
OU2MW-12S	3.0 - 7.0	0	0	0	0	0	2	0	0	2
OU2MW-12I	20.0 - 25.0	0	0	0	0	0	466	42	0	466
OU2MW-12I2	30.0 - 35.0	0	0	0	0	0	58	7	0	58
OU2MW-12D	40.0 - 45.0	0	0	0	0	0	80	11	0	80
OU2MW-13S	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-13I	20.0 - 25.0	--	--	--	--	0	29	5	0	29
OU2MW-13D	35.0 - 40.0	--	--	--	--	0	34	8	0	34
OU2MW-14S	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-14I	20.0 - 25.0	--	--	--	0	0	261	20	0	261
OU2MW-14I2	45.0 - 50.0	--	--	--	--	0	1	0	0	1
OU2MW-15S	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-15I	20.0 - 25.0	--	--	--	--	0	795	54	0	795
OU2MW-15I2	30.0 - 35.0	--	--	--	--	0	599	48	0	599
OU2MW-15D	40.0 - 45.0	--	--	--	--	0	0	0	0	0
OU2MW-16S	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-16I	15.0 - 20.0	--	--	--	--	0	79	5	0	79
OU2MW-16I2	25.0 - 30.0	--	--	--	--	0	84	7	0	84
OU2MW-16D	35.0 - 40.0	--	--	--	--	0	149	7	0	149
OU2MW-52S	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-52I	20.0 - 25.0	--	--	--	--	0	128	6	0	128
OU2MW-52D	35.0 - 40.0	--	--	--	--	0	0	0	0	0
OU2MW-53S	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-53I	20.0 - 25.0	--	--	--	--	0	0	0	0	0
OU2MW-53D	35.0 - 40.0	--	--	--	--	0	3	0	0	3

Notes for groundwater tables are compiled at the end of the Tables in this section.

Table 4-9. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Downgradient
Annual Groundwater Monitoring and Operations, Maintenance Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2000	2002			2003			2004	
		Sep	Sep	Oct/Nov	Nov/Dec	Jan/Feb	Apr/May	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May
BBMW-03S	3.0 - 13.0	--	--	0	--	0	0	--	--	--	--	--	--
BBMW-03I	30.0 - 40.0	--	--	0	--	2	0	--	--	--	--	--	--
BBMW-03D	52.0 - 62.0	--	--	0	--	0	0	--	--	--	--	--	--
BBMW-07S	5.0 - 15.0	--	--	2	--	--	6	0	710	170	62	24	0
BBMW-07I	30.0 - 40.0	--	--	0	--	--	0	0	--	--	--	--	--
BBMW-07D	55.0 - 65.0	--	--	0	--	--	0	--	--	--	--	--	--
BBMW-25S	4.0 - 14.0	--	--	--	--	--	22	0	0	0	--	0	--
BBMW-25I	25.0 - 35.0	--	--	--	--	--	7,436	10,185	4,900	4,700	--	4,860	7,761
BBMW-25D	62.0 - 72.0	--	--	--	--	--	1,553	--	280	1,550	298	135	144
GM-05S	5.1 - 20.1	649	2,453	1,181	505	88	1,286	237	858	230	--	0	0
GM-05I	35.05 - 48.05	0	4	14	0	0	0	0	0	--	--	--	--
GM-05D	60.95 - 75.95	0	0	0	0	0	0	--	--	--	--	--	--
GM-08S	6.35-21.35	--	--	--	--	--	--	--	--	--	--	--	--
GM-08I	29.95-44.95	--	--	--	--	--	--	--	--	--	--	--	--
GM-08D	48.25-63.25	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25.0 - 30.0	--	--	--	1,590	2,270	1,336	230	880	270	1,001	421	1,281
GMP-02	18.0 - 23.0	--	--	--	2,764	4,216	3,447	6,788	3,300	4,000	7,010	3,772	6,967
GMP-04	15.5 - 20.5	--	--	--	290	1,135	287	113	0	430	44	459	206
OU2IW-01S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01WT	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01S	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03S	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04WT	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04S	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04I	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04I2	50.0 - 55.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-05	25.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06	15.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-07S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-07	15.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-09	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10S	3.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-9. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Downgradient
Annual Groundwater Monitoring and Operations, Maintenance Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		1992	1999		2000	2002			2003			2004	
		Sep	Sep	Oct/Nov	Nov/Dec	Jan/Feb	Apr/May	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May
OU2MW-11D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12S	3.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-9. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Downgradient
Annual Groundwater Monitoring and Operations, Maintenance Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004		2005				2006				2007	
		Jul/Aug	Nov/Dec	Feb/Mar	Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul
BBMW-03S	3.0 - 13.0	0	0	--	--	0	--	0	0	0	0	283	0
BBMW-03I	30.0 - 40.0	0	0	--	--	0	--	0	0	0	0	0	0
BBMW-03D	52.0 - 62.0	--	186	--	--	0	--	0	0	0	0	0	0
BBMW-07S	5.0 - 15.0	0	0	0	--	--	0	0	0	0	0	0	0
BBMW-07I	30.0 - 40.0	--	0	--	--	--	--	--	--	--	--	--	0
BBMW-07D	55.0 - 65.0	--	--	--	--	--	--	--	--	--	--	873	0
BBMW-25S	4.0 - 14.0	0	14	0	--	0	0	0	0	0	0	0	0
BBMW-25I	25.0 - 35.0	7,840	3,902	4,937	--	3,621	5,472	1,560	0	37	488	11	102
BBMW-25D	62.0 - 72.0	101	588	223	--	390	--	308	179	160	384	0	0
GM-05S	5.1 - 20.1	635	0	312	0	366	0	34	0	0	0	0	--
GM-05I	35.05 - 48.05	51	0	--	--	--	--	0	--	--	--	0	0
GM-05D	60.95 - 75.95	28	--	--	--	--	--	0	--	--	--	0	0
GM-08S	6.35-21.35	--	--	--	--	--	--	--	--	--	--	--	--
GM-08I	29.95-44.95	--	--	--	--	--	--	--	--	--	--	--	--
GM-08D	48.25-63.25	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25.0 - 30.0	266	6,514	2,595	1,241	6,419	10,183	9,385	9,261	5,555	3,936	4,019	--
GMP-02	18.0 - 23.0	5,213	5,460	3,008	3,459	8,837	151	0	0	10	11	0	0
GMP-04	15.5 - 20.5	235	1,372	601	77	369	1,720	41	22	573	232	1,380	52
OU2IW-01S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01WT	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	70
OU2MW-01S	20.0 - 25.0	--	--	--	--	6,927	--	464	457	1,230	104	321	67
OU2MW-01I	35.0 - 40.0	--	--	--	--	5,507	--	8,222	3,717	879	495	120	442
OU2MW-01I2	50.0 - 55.0	--	--	--	--	58	--	1,249	0	0	100	0	488
OU2MW-01D	65.0 - 70.0	--	--	--	--	0	--	0	0	0	0	0	0
OU2MW-02S	20.0 - 25.0	--	--	--	--	162	--	311	209	164	424	0	154
OU2MW-02I	35.0 - 40.0	--	--	--	--	2,541	--	3,413	3,609	5,251	3,012	1,943	3,567
OU2MW-02I2	50.0 - 55.0	--	--	--	--	22	--	11	0	0	0	0	16
OU2MW-02D	65.0 - 70.0	--	--	--	--	15	--	0	0	0	0	0	0
OU2MW-03S	20.0 - 25.0	--	--	--	--	401	--	339	353	181	379	0	317
OU2MW-03I	35.0 - 40.0	--	--	--	--	67	--	0	0	0	49	0	0
OU2MW-03I2	50.0 - 55.0	--	--	--	--	0	--	36	16	0	0	0	144
OU2MW-03D	65.0 - 70.0	--	--	--	--	0	--	0	0	0	0	0	0
OU2MW-04WT	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-04S	20.0 - 25.0	--	--	--	--	4,034	--	12,611	7,351	10,538	2,774	6,802	8,445
OU2MW-04I	35.0 - 40.0	--	--	--	--	5,444	--	6,438	3,795	1,107	0	0	332
OU2MW-04I2	50.0 - 55.0	--	--	--	--	375	--	115	101	57	78	0	19
OU2MW-04D	65.0 - 70.0	--	--	--	--	0	--	0	0	0	0	0	0
OU2MW-05	25.0 - 35.0	--	--	--	--	4,711	--	8,049	5,125	4,314	4,149	1,980	2,164
OU2MW-06S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-06	15.0 - 25.0	--	--	--	--	9,241	--	19	0	0	0	0	0
OU2MW-07S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-07	15.0 - 25.0	--	--	--	--	66	--	69	0	0	0	0	0
OU2MW-09	30.0 - 40.0	--	--	--	--	0	--	0	0	0	0	0	0
OU2MW-10S	3.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-10I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	4
OU2MW-10D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-11S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-11I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	1,077
OU2MW-11I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	426

Table 4-9. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Downgradient
Annual Groundwater Monitoring and Operations, Maintenance Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2004		2005				2006				2007	
		Jul/Aug	Nov/Dec	Feb/Mar	Jun	Aug	Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul
OU2MW-11D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	8
OU2MW-12S	3.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	1
OU2MW-12I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	1,646
OU2MW-12I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	224
OU2MW-12D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	108
OU2MW-13S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-13I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	33
OU2MW-13D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	13
OU2MW-14S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-14I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14I2	45.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-15I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	261
OU2MW-15I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-15D	40.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-16S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-16I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	22
OU2MW-16I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	4
OU2MW-16D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	0
OU2MW-52S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53S	3.0 - 8.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53D	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-9. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Downgradient
Annual Groundwater Monitoring and Operations, Maintenance Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007		2008				2009				2010	
		Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
BBMW-03S	3.0 - 13.0	0	0	0	0	1	0	0	0	0	0	0	0
BBMW-03I	30.0 - 40.0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-03D	52.0 - 62.0	0	0	7	0	0	0	0	0	0	0	0	25
BBMW-07S	5.0 - 15.0	3	0	0	0	0	0	0	0	0	0	0	0
BBMW-07I	30.0 - 40.0	--	0	0	0	0	0	0	0	0	0	0	0
BBMW-07D	55.0 - 65.0	--	0	2	0	0	0	0	0	0	0	0	0
BBMW-25S	4.0 - 14.0	10	0	0	0	0	0	0	0	0	0	0	0
BBMW-25I	25.0 - 35.0	457	2	181	48	86	478	741	1,219	105	11	3	0
BBMW-25D	62.0 - 72.0	3	1	0	0	59	0	0	0	0	0	0	8
GM-05S	5.1 - 20.1	0	13	25	30	7	35	5	19	9	19	2	0
GM-05I	35.05 - 48.05	7	0	0	0	0	0	0	0	0	0	0	0
GM-05D	60.95 - 75.95	0	0	0	0	0	0	0	0	0	0	0	0
GM-08S	6.35-21.35	--	--	--	--	--	--	--	--	--	--	--	--
GM-08I	29.95-44.95	--	--	--	--	--	--	--	--	--	--	--	--
GM-08D	48.25-63.25	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25.0 - 30.0	159	4,428	3,967	2,020	778	275	719	1,049	651	175	1,916	1,228
GMP-02	18.0 - 23.0	0	0	0	0	0	0	0	0	0	0	0	0
GMP-04	15.5 - 20.5	1,523	1,467	1	0	0	0	0	0	0	0	0	0
OU2IW-01S	3.0 - 8.0	0	0	48	0	0	0	0	0	0	0	0	0
OU2MW-01WT	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-01S	20.0 - 25.0	2,023	2,000	48	0	0	0	0	1,487	1,953	0	0	0
OU2MW-01I	35.0 - 40.0	90	2,222	15	0	25	4	0	702	109	0	0	0
OU2MW-01I2	50.0 - 55.0	7	4	0	0	0	0	0	0	0	0	0	364
OU2MW-01D	65.0 - 70.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-02S	20.0 - 25.0	155	27	57	96	46	8	33	146	44	0	0	6
OU2MW-02I	35.0 - 40.0	1,835	2,947	3,129	43	2,981	151	2,129	1,993	2,385	748	2,515	1,278
OU2MW-02I2	50.0 - 55.0	0	11	30	1	12	0	6	0	0	0	0	0
OU2MW-02D	65.0 - 70.0	17	0	0	0	0	0	0	0	4	0	0	0
OU2MW-03S	20.0 - 25.0	201	49	87	61	79	85	80	157	118	142	71	20
OU2MW-03I	35.0 - 40.0	0	0	0	7	0	95	146	0	0	6	56	61
OU2MW-03I2	50.0 - 55.0	4	1	0	0	0	0	0	0	0	1	0	0
OU2MW-03D	65.0 - 70.0	0	6	3	0	0	0	0	0	0	0	0	0
OU2MW-04WT	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-04S	20.0 - 25.0	3,794	4,145	2,666	2,936	3,901	334	641	3,565	3,770	3,393	4,529	352
OU2MW-04I	35.0 - 40.0	3,260	547	4,051	0	36	0	98	2	0	10	241	0
OU2MW-04I2	50.0 - 55.0	16	2	0	23	0	0	0	1,340	0	4	536	14
OU2MW-04D	65.0 - 70.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-05	25.0 - 35.0	247	3,412	491	516	50	456	353	376	735	19	288	484
OU2MW-06S	3.0 - 8.0	10	0	0	0	6	0	0	0	0	0	0	0
OU2MW-06	15.0 - 25.0	0	3	6	0	0	0	0	0	0	0	0	0
OU2MW-07S	3.0 - 8.0	0	7	0	0	0	0	0	0	0	0	0	0
OU2MW-07	15.0 - 25.0	0	37	0	0	0	0	0	0	0	0	0	0
OU2MW-09	30.0 - 40.0	0	0	0	0	0	0	11	0	0	0	0	0
OU2MW-10S	3.0 - 7.0	0	0	0	5	0	0	0	0	0	0	0	0
OU2MW-10I	20.0 - 25.0	0	297	201	1	0	2	29	22	3	54	12	37
OU2MW-10D	35.0 - 40.0	0	0	0	413	32	727	0	1	49	5	0	0
OU2MW-11S	3.0 - 8.0	0	0	2	0	0	4	0	0	0	0	0	0
OU2MW-11I	20.0 - 25.0	112	3,627	865	1,977	1,030	663	1,323	428	46	1,141	220	26
OU2MW-11I2	30.0 - 35.0	2,412	52	0	0	275	264	1,011	131	9	193	6	0

Table 4-9. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Downgradient
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2007		2008				2009				2010	
		Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
OU2MW-11D	40.0 - 45.0	7	5	0	0	0	0	9	0	54	69	40	77
OU2MW-12S	3.0 - 7.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-12I	20.0 - 25.0	888	147	268	137	122	79	513	53	123	7	851	8
OU2MW-12I2	30.0 - 35.0	3	7	30	5	0	0	720	39	15	3	2	2
OU2MW-12D	40.0 - 45.0	79	39	44	35	0	0	2	0	0	0	0	992
OU2MW-13S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-13I	20.0 - 25.0	12	10	1	7	1	15	8	6	7	0	15	36
OU2MW-13D	35.0 - 40.0	15	2	1	4	2	0	21	18	31	24	21	15
OU2MW-14S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-14I	20.0 - 25.0	--	--	2	0	0	0	0	0	0	0	0	0
OU2MW-14I2	45.0 - 50.0	--	--	0	0	0	0	0	0	0	0	0	0
OU2MW-15S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-15I	20.0 - 25.0	86	8	34	0	0	0	0	1	219	24	0	0
OU2MW-15I2	30.0 - 35.0	320	76	0	0	0	0	0	0	0	0	0	0
OU2MW-15D	40.0 - 45.0	0	0	0	0	0	2	0	0	0	0	0	0
OU2MW-16S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-16I	15.0 - 20.0	5	0	0	0	0	0	0	0	0	0	0	0
OU2MW-16I2	25.0 - 30.0	12	16	1	0	0	0	0	0	0	0	0	0
OU2MW-16D	35.0 - 40.0	0	0	102	0	0	0	0	0	0	0	0	0
OU2MW-52S	3.0 - 8.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-52I	20.0 - 25.0	--	--	--	--	--	--	--	101	0	0	25	0
OU2MW-52D	35.0 - 40.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-53S	3.0 - 8.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-53I	20.0 - 25.0	--	--	--	--	--	--	--	0	0	0	0	0
OU2MW-53D	35.0 - 40.0	--	--	--	--	--	--	--	0	0	0	0	0

Table 4-9. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Downgradient
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
				2011	2011			2012				2013	
		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
BBMW-03S	3.0 - 13.0	0	0	0	0	0	0	0	0	0	--	--	0
BBMW-03I	30.0 - 40.0	0	0	0	0	0	2	0	0	0	--	--	0
BBMW-03D	52.0 - 62.0	2	0	0	0	0	0	0	0	0	--	--	0
BBMW-07S	5.0 - 15.0	0	0	0	0	0	0	0	5	0	--	--	0
BBMW-07I	30.0 - 40.0	0	0	0	0	0	0	0	1	0	--	--	0
BBMW-07D	55.0 - 65.0	0	0	0	0	0	0	0	2	0	--	--	0
BBMW-25S	4.0 - 14.0	0	0	0	0	0	0	0	1	0	--	--	0
BBMW-25I	25.0 - 35.0	0	0	0	0	0	0	0	0	0	--	--	0
BBMW-25D	62.0 - 72.0	0	0	0	0	7	54	20	31	0	10	19	1
GM-05S	5.1 - 20.1	25	1	0	0	0	0	0	0	0	--	--	0
GM-05I	35.05 - 48.05	0	0	0	0	0	0	0	0	0	--	--	0
GM-05D	60.95 - 75.95	0	0	0	0	0	0	0	0	0	--	--	0
GM-08S	6.35-21.35	--	--	--	--	--	--	--	--	--	--	--	--
GM-08I	29.95-44.95	--	--	--	--	--	--	--	--	--	--	--	--
GM-08D	48.25-63.25	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25.0 - 30.0	921	276	720	65	70	15	16	5	12	3	0	2
GMP-02	18.0 - 23.0	0	0	0	0	0	0	0	0	0	--	--	0
GMP-04	15.5 - 20.5	0	0	0	0	0	0	0	0	0	--	--	0
OU2IW-01S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-01WT	3.0 - 8.0	0	0	0	0	2	0	0	0	0	--	--	0
OU2MW-01S	20.0 - 25.0	0	0	0	0	0	0	0	3	0	--	--	0
OU2MW-01I	35.0 - 40.0	0	0	0	0	0	0	10	0	0	--	--	0
OU2MW-01I2	50.0 - 55.0	0	0	0	0	0	0	0	2	2	--	--	11
OU2MW-01D	65.0 - 70.0	135	0	0	0	1	0	0	0	0	--	--	0
OU2MW-02S	20.0 - 25.0	0	0	0	1	0	0	0	48	57	0	0	0
OU2MW-02I	35.0 - 40.0	1,232	1,329	733	76	1,764	1,097	1,161	698	926	561	119	38
OU2MW-02I2	50.0 - 55.0	0	0	0	0	0	0	0	8	2	3	2	0
OU2MW-02D	65.0 - 70.0	0	0	0	0	15	0	0	0	0	0	0	0
OU2MW-03S	20.0 - 25.0	16	1	3	5	0	3	0	1	0	--	--	0
OU2MW-03I	35.0 - 40.0	0	0	0	0	0	0	0	3	0	--	--	0
OU2MW-03I2	50.0 - 55.0	0	0	0	0	0	0	0	1	0	--	--	0
OU2MW-03D	65.0 - 70.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-04WT	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-04S	20.0 - 25.0	152	170	40	51	17	22	34	10	8	2	1	0
OU2MW-04I	35.0 - 40.0	0	252	32	1,789	0	2,047	2,666	1,294	506	152	96	102
OU2MW-04I2	50.0 - 55.0	0	0	0	0	0	0	6	0	0	0	3	0
OU2MW-04D	65.0 - 70.0	0	0	0	0	0	3	0	0	0	--	--	0
OU2MW-05	25.0 - 35.0	335	957	86	33	75	92	30	34	7	2	0	0
OU2MW-06S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-06	15.0 - 25.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-07S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-07	15.0 - 25.0	0	0	0	0	0	0	68	3	0	0	0	0
OU2MW-09	30.0 - 40.0	0	0	0	0	0	0	0	1	0	--	--	0
OU2MW-10S	3.0 - 7.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-10I	20.0 - 25.0	149	597	76	167	57	21	0	12	0	0	10	10
OU2MW-10D	35.0 - 40.0	23	22	0	0	0	0	0	0	0	--	--	0
OU2MW-11S	3.0 - 8.0	0	0	--	0	0	0	0	1	0	--	--	0
OU2MW-11I	20.0 - 25.0	125	565	38	16	19	0	0	1	0	0	--	0
OU2MW-11I2	30.0 - 35.0	1	27	11	2	55	126	89	18	83	0	0	0

Table 4-9. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Downgradient
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
				2011	2011			2012				2013	
		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
OU2MW-11D	40.0 - 45.0	63	0	9	35	842	5	3	1,018	136	45	26	80
OU2MW-12S	3.0 - 7.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-12I	20.0 - 25.0	11	159	44	0	0	0	0	0	0	0	0	0
OU2MW-12I2	30.0 - 35.0	58	9	18	7	0	13	3	10	30	1	7	2
OU2MW-12D	40.0 - 45.0	197	141	1	80	112	6	2	0	0	9	6	14
OU2MW-13S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-13I	20.0 - 25.0	41	0	7	18	7	0	0	0	0	--	--	0
OU2MW-13D	35.0 - 40.0	15	17	14	7	9	0	78	24	73	24	7	0
OU2MW-14S	3.0 - 8.0	0	0	0	0	0	0	0	2	0	--	--	0
OU2MW-14I	20.0 - 25.0	0	0	0	0	0	0	0	2	14	--	29	16
OU2MW-14I2	45.0 - 50.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-15S	3.0 - 8.0	0	0	0	0	0	0	0	1	0	--	--	0
OU2MW-15I	20.0 - 25.0	33	1	2	4	0	0	0	0	32	53	21	3
OU2MW-15I2	30.0 - 35.0	0	77	0	0	0	0	0	0	0	--	--	0
OU2MW-15D	40.0 - 45.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-16S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-16I	15.0 - 20.0	0	0	0	0	17	0	0	0	0	0	--	0
OU2MW-16I2	25.0 - 30.0	26	0	0	0	0	0	0	1	0	0	0	0
OU2MW-16D	35.0 - 40.0	0	0	0	0	0	40	0	1	0	0	0	0
OU2MW-52S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-52I	20.0 - 25.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-52D	35.0 - 40.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-53S	3.0 - 8.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-53I	20.0 - 25.0	0	0	0	0	0	0	0	0	0	--	--	0
OU2MW-53D	35.0 - 40.0	0	0	0	0	0	0	0	0	0	0	0	0

Table 4-9. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Downgradient
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013		2014				2015				2016	
		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
BBMW-03S	3.0 - 13.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-03I	30.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-03D	52.0 - 62.0	--	--	--	9	--	--	--	--	--	--	--	--
BBMW-07S	5.0 - 15.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-07I	30.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-07D	55.0 - 65.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-25S	4.0 - 14.0	--	--	--	0	0	--	--	--	--	--	--	--
BBMW-25I	25.0 - 35.0	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-25D	62.0 - 72.0	3	0	0	0	--	--	--	0	--	--	--	--
GM-05S	5.1 - 20.1	--	--	--	0	--	--	--	--	--	--	--	--
GM-05I	35.05 - 48.05	--	--	--	0	--	--	--	--	--	--	--	--
GM-05D	60.95 - 75.95	--	--	--	0	--	--	--	--	--	--	--	--
GM-08S	6.35-21.35	--	--	--	0	--	--	--	--	--	--	--	--
GM-08I	29.95-44.95	--	--	--	0	--	--	--	--	--	--	--	--
GM-08D	48.25-63.25	--	--	--	0	--	--	--	--	--	--	--	--
GMP-01	25.0 - 30.0	0	0	--	0	--	--	--	0	--	--	--	--
GMP-02	18.0 - 23.0	--	--	--	0	--	--	--	--	--	--	--	--
GMP-04	15.5 - 20.5	--	--	--	0	--	--	--	--	--	--	--	--
OU2IW-01S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-01WT	3.0 - 8.0	--	--	--	0	0	--	--	--	--	--	--	--
OU2MW-01S	20.0 - 25.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-01I	35.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-01I2	50.0 - 55.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-01D	65.0 - 70.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-02S	20.0 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-02I	35.0 - 40.0	7	4	0	0	0	0	0	0	0	0	0	0
OU2MW-02I2	50.0 - 55.0	23	32	17	8	15	9	4	3	5	6	6	6
OU2MW-02D	65.0 - 70.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-03S	20.0 - 25.0	--	--	--	0	0	--	--	--	--	--	--	--
OU2MW-03I	35.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-03I2	50.0 - 55.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-03D	65.0 - 70.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-04WT	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-04S	20.0 - 25.0	0	--	--	0	--	--	--	0	--	--	--	--
OU2MW-04I	35.0 - 40.0	53	49	13	7	20	16	10	7	9	16	21	15
OU2MW-04I2	50.0 - 55.0	3	--	--	2	--	--	--	4	--	--	--	6
OU2MW-04D	65.0 - 70.0	0	--	--	0	--	--	--	0	--	--	--	--
OU2MW-05	25.0 - 35.0	0	--	--	0	--	--	--	0	--	--	--	--
OU2MW-06S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-06	15.0 - 25.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-07S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-07	15.0 - 25.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-09	30.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-10S	3.0 - 7.0	--	--	--	0	--	--	--	--	--	--	--	0
OU2MW-10I	20.0 - 25.0	2	2	1	0	--	--	--	7	--	--	--	17
OU2MW-10D	35.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-11S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-11I	20.0 - 25.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-11I2	30.0 - 35.0	0	49	--	1	--	--	--	0	--	--	--	--

Table 4-9. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Downgradient
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)											
		Sampling Date											
		2013		2014				2015				2016	
		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
OU2MW-11D	40.0 - 45.0	3	2	0	0	0	0	--	1	--	--	--	0
OU2MW-12S	3.0 - 7.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-12I	20.0 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0
OU2MW-12I2	30.0 - 35.0	2	0	0	0	0	0	0	0	0	0	0	0
OU2MW-12D	40.0 - 45.0	2	0	2	0	12	23	17	30	5	1	5	3
OU2MW-13S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-13I	20.0 - 25.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-13D	35.0 - 40.0	0	2	--	0	--	--	--	0	--	--	--	--
OU2MW-14S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-14I	20.0 - 25.0	5	6	6	37	0	0	0	0	0	--	--	0
OU2MW-14I2	45.0 - 50.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-15S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-15I	20.0 - 25.0	2	0	0	0	--	--	--	0	--	--	--	--
OU2MW-15I2	30.0 - 35.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-15D	40.0 - 45.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-16S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-16I	15.0 - 20.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-16I2	25.0 - 30.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-16D	35.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-52S	3.0 - 8.0	--	--	--	0	--	--	--	0	0	0	0	--
OU2MW-52I	20.0 - 25.0	--	--	--	0	--	--	--	0	0	0	0	--
OU2MW-52D	35.0 - 40.0	--	--	--	0	--	--	--	0	0	0	0	--
OU2MW-53S	3.0 - 8.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-53I	20.0 - 25.0	--	--	--	0	--	--	--	--	--	--	--	--
OU2MW-53D	35.0 - 40.0	--	--	--	0	--	--	--	--	--	--	--	--

Table 4-9. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Downgradient
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)								
		Sampling Date				Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016		2017						
		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun					
BBMW-03S	3.0 - 13.0	--	--	--	--	0	283	8	0	283
BBMW-03I	30.0 - 40.0	--	--	--	--	0	2	0	0	2
BBMW-03D	52.0 - 62.0	--	--	--	--	0	186	7	0	186
BBMW-07S	5.0 - 15.0	--	--	--	--	0	710	24	0	710
BBMW-07I	30.0 - 40.0	--	--	--	--	0	1	0	0	1
BBMW-07D	55.0 - 65.0	--	--	--	--	0	873	34	0	873
BBMW-25S	4.0 - 14.0	--	--	--	--	0	22	1	0	22
BBMW-25I	25.0 - 35.0	--	--	--	--	0	10,185	1,779	0	10,185
BBMW-25D	62.0 - 72.0	--	--	--	--	0	1,553	145	0	1,553
GM-05S	5.1 - 20.1	--	--	--	--	0	2,453	201	0	2,453
GM-05I	35.05 - 48.05	--	--	--	--	0	51	2	0	51
GM-05D	60.95 - 75.95	--	--	--	--	0	28	1	0	28
GM-08S	6.35-21.35	--	--	--	--	0	0	0	0	0
GM-08I	29.95-44.95	--	--	--	--	0	0	0	0	0
GM-08D	48.25-63.25	--	--	--	--	0	0	0	0	0
GMP-01	25.0 - 30.0	--	--	--	--	0	10,183	1,836	0	10,183
GMP-02	18.0 - 23.0	--	--	--	--	0	8,837	1,555	0	8,837
GMP-04	15.5 - 20.5	--	--	--	--	0	1,720	287	0	1,720
OU2IW-01S	3.0 - 8.0	--	--	--	--	0	48	2	0	48
OU2MW-01WT	3.0 - 8.0	--	--	--	--	0	70	3	0	70
OU2MW-01S	20.0 - 25.0	--	--	--	--	0	6,927	569	0	6,927
OU2MW-01I	35.0 - 40.0	--	--	--	--	0	8,222	752	0	8,222
OU2MW-01I2	50.0 - 55.0	--	--	--	--	0	1,249	76	0	1,249
OU2MW-01D	65.0 - 70.0	--	--	--	--	0	135	5	0	135
OU2MW-02S	20.0 - 25.0	0	0	0	0	0	424	47	0	424
OU2MW-02I	35.0 - 40.0	0	0	0	0	0	5,251	1,200	0	5,251
OU2MW-02I2	50.0 - 55.0	7	10.8	18	17	0	32	6	0	32
OU2MW-02D	65.0 - 70.0	0	0	0	0	0	17	1	0	17
OU2MW-03S	20.0 - 25.0	--	--	--	--	0	401	102	0	401
OU2MW-03I	35.0 - 40.0	--	--	--	--	0	146	16	0	146
OU2MW-03I2	50.0 - 55.0	--	--	--	--	0	144	7	0	144
OU2MW-03D	65.0 - 70.0	--	--	--	--	0	6	0	0	6
OU2MW-04WT	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-04S	20.0 - 25.0	--	--	--	--	0	12,611	2,561	0	12,611
OU2MW-04I	35.0 - 40.0	11	0	0	0	0	6,438	751	0	6,438
OU2MW-04I2	50.0 - 55.0	--	--	--	--	0	1,340	77	0	1,340
OU2MW-04D	65.0 - 70.0	--	--	--	--	0	3	0	0	3
OU2MW-05	25.0 - 35.0	--	--	--	--	0	8,049	1,164	0	8,049
OU2MW-06S	3.0 - 8.0	--	--	--	--	0	10	1	0	10
OU2MW-06	15.0 - 25.0	--	--	--	--	0	9,241	309	0	9,241
OU2MW-07S	3.0 - 8.0	--	--	--	--	0	7	0	0	7
OU2MW-07	15.0 - 25.0	--	--	--	--	0	69	8	0	69
OU2MW-09	30.0 - 40.0	--	--	--	--	0	11	0	0	11
OU2MW-10S	3.0 - 7.0	--	--	--	--	0	5	0	0	5
OU2MW-10I	20.0 - 25.0	--	--	--	--	0	597	58	0	597
OU2MW-10D	35.0 - 40.0	--	--	--	--	0	727	53	0	727
OU2MW-11S	3.0 - 8.0	--	--	--	--	0	4	0	0	4
OU2MW-11I	20.0 - 25.0	--	--	--	--	0	3,627	532	0	3,627
OU2MW-11I2	30.0 - 35.0	--	--	--	--	0	2,412	181	0	2,412

Table 4-9. OU-2 Summary of Historical Total PAH Groundwater Analytical Results
Downgradient
Annual Groundwater Monitoring and Operations, Maintenance Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)								
		Sampling Date				Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
		2016		2017						
		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun					
OU2MW-11D	40.0 - 45.0	--	--	--	--	0	1,018	77	0	1,018
OU2MW-12S	3.0 - 7.0	1	0	0	0	0	1	0	0	1
OU2MW-12I	20.0 - 25.0	0	0	0	0	0	1,646	126	0	1,646
OU2MW-12I2	30.0 - 35.0	0	0	0	0	0	720	30	0	720
OU2MW-12D	40.0 - 45.0	0	0	0	0	0	992	49	0	992
OU2MW-13S	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-13I	20.0 - 25.0	--	--	--	--	0	41	9	0	41
OU2MW-13D	35.0 - 40.0	--	--	--	--	0	78	15	0	78
OU2MW-14S	3.0 - 8.0	--	--	--	--	0	2	0	0	2
OU2MW-14I	20.0 - 25.0	--	--	--	0	0	37	4	0	37
OU2MW-14I2	45.0 - 50.0	--	--	--	--	0	0	0	0	0
OU2MW-15S	3.0 - 8.0	--	--	--	--	0	1	0	0	1
OU2MW-15I	20.0 - 25.0	--	--	--	--	0	261	26	0	261
OU2MW-15I2	30.0 - 35.0	--	--	--	--	0	320	20	0	320
OU2MW-15D	40.0 - 45.0	--	--	--	--	0	2	0	0	2
OU2MW-16S	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-16I	15.0 - 20.0	--	--	--	--	0	22	2	0	22
OU2MW-16I2	25.0 - 30.0	--	--	--	--	0	26	2	0	26
OU2MW-16D	35.0 - 40.0	--	--	--	--	0	102	6	0	102
OU2MW-52S	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-52I	20.0 - 25.0	--	--	--	--	0	101	6	0	101
OU2MW-52D	35.0 - 40.0	--	--	--	--	0	0	0	0	0
OU2MW-53S	3.0 - 8.0	--	--	--	--	0	0	0	0	0
OU2MW-53I	20.0 - 25.0	--	--	--	--	0	0	0	0	0
OU2MW-53D	35.0 - 40.0	--	--	--	--	0	0	0	0	0

Notes for groundwater tables are compiled at the end of the Tables in this section.

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			BBMW-01I	BBMW-01I	BBMW-01D	DUP-06	BBMW-01D	BBMW-01D	BBMW-01D	BBMW-23S	BBMW-23S	BBMW-23S	BBMW-23S	BBMW-23I
Sample Date			8/11/2016	12/8/2016	8/11/2016	8/11/2016	12/8/2016	2/22/2017	6/19/2017	8/11/2016	11/1/2016	2/22/2017	6/16/2017	8/11/2016
Parent Sample Code						BBMW-01D								
Analyte	Units	NYS AWQS												
BTEX	µg/L													
Benzene		1	1 U	1 U	**2**	**2**	**1.8**	**1.6**	**1.3**	1 U	1 U	**1.7**	**1.2 J**	1 U
Toluene		5	1 U	1 U	**4**	**4**	1 U	**1**	1 U	**2**	1 U	1 U	**3.6 J**	1 U
Ethylbenzene		5	1 U	1 U	**9**	**6**	1 U	**2.5**	**0.55 J**	**480 D**	**139**	**20.8**	**890**	1 U
Total Xylene		5	1 U	1 U	**21**	**18**	1 U	**2.9**	2 U	**440**	**52.7**	**19**	**490**	1 U
Total BTEX (ND=0)		NE	ND	ND	**36**	**30**	**1.8**	**8**	**1.85**	**922**	**191.7**	**41.5**	**1384.8**	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**3 J**	10 U	10 U	100 U	10 U
Acenaphthylene			10 U	10 U	**6 J**	**7 J**	10 U	**2.6 J**	**2 J**	10 U	10 U	10 U	100 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**2 J**	10 U	10 U	100 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	10 U	10 U	10 U	1 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	1 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	1 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	100 U	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	10 U	10 U	10 U	1 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	2 U	10 U	10 U	10 U	20 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	10 U	10 U	10 U	1 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	100 U	10 U
Fluorene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**2 J**	10 U	10 U	100 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**4 J**	10 U	10 U	**15 J**	10 U
Naphthalene		10*	10 U	10 U	**55**	**60**	10 U	**10**	10 U	**120 D**	**13.7**	**12.7**	**210**	10 U
Phenanthrene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**4 J**	10 U	10 U	100 U	10 U
Pyrene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**1 J**	10 U	10 U	100 U	10 U
Total PAH (17) (ND=0)		NE	ND	ND	**61**	**67**	ND	**12.6**	**2**	**136**	**13.7**	**12.7**	**225**	ND
Other														
Sulfate	µg/L	250000			**70800 D**	**69700 D**	**41200**	**39500**						

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			BBMW-23I	BBMW-23I	BBMW-23I	BBMW-24D	BBMW-24D	BBMW-24D	BBMW-24D	BBMW-25D	BBMW-25D	BBMW-25D	BBMW-25D	OU2MW-01I
Sample Date			11/1/2016	2/22/2017	6/16/2017	8/10/2016	11/15/2016	2/8/2017	5/23/2017	7/26/2016	11/22/2016	2/14/2017	5/8/2017	7/26/2016
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U									
Toluene		5	1 U	1 U	1 U									
Ethylbenzene		5	1 U	1 U	1 U									
Total Xylene		5	1 U	1 U	**0.79 J**									
Total BTEX (ND=0)		NE	ND	ND	**0.79**									
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U									
Acenaphthylene			10 U	10 U	10 U									
Anthracene		50*	10 U	10 U	10 U									
Benzo(a)anthracene		0.002*	10 U	10 U	1 U									
Benzo(b)fluoranthene		0.002*	10 U	10 U	1 U									
Benzo(k)fluoranthene		0.002*	10 U	10 U	1 U									
Benzo(g,h,i)perylene		NE	10 U	10 U	10 U									
Benzo(a)pyrene		ND	10 U	10 U	1 U									
Chrysene		0.002*	10 U	10 U	2 U									
Dibenz(a,h)anthracene		NE	10 U	10 U	1 U									
Fluoranthene		50*	10 U	10 U	10 U									
Fluorene		50*	10 U	10 U	10 U									
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	1 U									
2-Methylnaphthalene		NE	10 U	10 U	10 U									
Naphthalene		10*	10 U	10 U	**2.5 J**									
Phenanthrene		50*	10 U	10 U	10 U									
Pyrene		50*	10 U	10 U	10 U									
Total PAH (17) (ND=0)		NE	ND	ND	**2.5**									
Other														
Sulfate	µg/L	250000				**142000 D**	**116000**	**121000**	**138000**	**49600**	**91000**	**41300**	**20500**	**8080**

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-01I	OU2MW-01I	OU2MW-01I2	OU2MW-01I2	OU2MW-01I2	OU2MW-01I2	OU2MW-01D	OU2MW-01D	OU2MW-01D	OU2MW-02S	OU2MW-02S	OU2MW-02S
Sample Date			11/22/2016	2/14/2017	9/20/2016	11/22/2016	2/14/2017	5/8/2017	9/20/2016	11/22/2016	2/14/2017	7/28/2016	12/13/2016	1/25/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1										1 U	1 U	1 U
Toluene		5										1 U	1 U	1 U
Ethylbenzene		5										1 U	1 U	1 U
Total Xylene		5										1 U	1 U	1 U
Total BTEX (ND=0)		NE										ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*										10 U	10 U	10 U
Acenaphthylene												10 U	10 U	10 U
Anthracene		50*										10 U	10 U	10 U
Benzo(a)anthracene		0.002*										10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*										10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*										10 U	10 U	10 U
Benzo(g,h,i)perylene		NE										10 U	10 U	10 U
Benzo(a)pyrene		ND										10 U	10 U	10 U
Chrysene		0.002*										10 U	10 U	10 U
Dibenz(a,h)anthracene		NE										10 U	10 U	10 U
Fluoranthene		50*										10 U	10 U	10 U
Fluorene		50*										10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*										10 U	10 U	10 U
2-Methylnaphthalene		NE										10 U	10 U	10 U
Naphthalene		10*										10 U	10 U	10 U
Phenanthrene		50*										10 U	10 U	10 U
Pyrene		50*										10 U	10 U	10 U
Total PAH (17) (ND=0)		NE										ND	ND	ND
Other														
Sulfate	µg/L	250000	**8400**	**8100**	**199000 D**	**201000**	**223000**	**190000**	**6480**	**8500**	**13900**			

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			DUP-03	OU2MW-02S	OU2MW-02I	OU2MW-02I	OU2MW-02I	OU2MW-02I	OU2MW-02I2	OU2MW-02I2	OU2MW-02I2	OU2MW-02I2	OU2MW-02D	OU2MW-02D
Sample Date			1/25/2017	5/8/2017	7/27/2016	12/13/2016	1/25/2017	5/9/2017	7/28/2016	12/13/2016	1/26/2017	5/8/2017	7/27/2016	12/13/2016
Parent Sample Code			OU2MW-02S											
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**1.6**	**1.5**	**1.2**	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	1 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	**1.7 J**	1 U	1 U
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	**1.6**	**1.5**	**2.9**	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	**7 J**	**10.8**	**17.8**	**17**	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Chrysene		0.002*	10 U	2 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
2-Methylnaphthalene		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
Naphthalene		10*	10 U	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	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	10 U
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	ND	**7**	**10.8**	**17.8**	**17**	ND	ND
Other														
Sulfate	µg/L	250000			**21800**	**25600**	**20700**	**23300**	**616000 D**	**429000**	**456000**	**441000**	**6540**	**8100**

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-02D	OU2MW-02D	OU2MW-04I	OU2MW-04I	OU2MW-04I	OU2MW-04I	OU2MW-04I2	OU2MW-04I2	OU2MW-04I2	OU2MW-04D	OU2MW-04D	OU2MW-04D
Sample Date			1/26/2017	5/9/2017	8/13/2016	12/14/2016	3/17/2017	5/9/2017	8/13/2016	12/14/2016	3/17/2017	8/13/2016	12/14/2016	3/17/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	5 U	1 U						
Toluene		5	1 U	1 U	1 U	1 U	5 U	1 U						
Ethylbenzene		5	1 U	1 U	**1**	1 U	5 U	1 U						
Total Xylene		5	1 U	2 U	**2**	1 U	5 U	2 U						
Total BTEX (ND=0)		NE	ND	ND	**3**	ND	ND	ND						
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	**2 J**	10 U	10 U	10 U						
Acenaphthylene			10 U	10 U	**7 J**	10 U	10 U	10 U						
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U						
Benzo(a)anthracene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U						
Benzo(b)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U						
Benzo(k)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U						
Benzo(g,h,i)perylene		NE	10 U	10 U	10 U	10 U	10 U	10 U						
Benzo(a)pyrene		ND	10 U	1 U	10 U	10 U	10 U	1 U						
Chrysene		0.002*	10 U	2 U	10 U	10 U	10 U	2 U						
Dibenz(a,h)anthracene		NE	10 U	1 U	10 U	10 U	10 U	1 U						
Fluoranthene		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						
Indeno(1,2,3-cd)pyrene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U						
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	10 U						
Naphthalene		10*	10 U	10 U	**2 J**	10 U	10 U	10 U						
Phenanthrene		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						
Total PAH (17) (ND=0)		NE	ND	ND	**11**	ND	ND	ND						
Other														
Sulfate	µg/L	250000	**26900**	**7500 J**	**43700**	**20600**	**12100**	**45200**	**53900 D**	**62300**	**82900**	**5960**	**5600**	**6500**

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-08I2	OU2MW-08I2	OU2MW-08I2	OU2MW-12S	OU2MW-12S	OU2MW-12S	OU2MW-12S	OU2MW-12I	DUP-04	OU2MW-12I	OU2MW-12I	OU2MW-12I
Sample Date			8/10/2016	12/28/2016	5/26/2017	7/27/2016	12/16/2016	1/20/2017	5/24/2017	7/27/2016	7/27/2016	12/16/2016	1/20/2017	5/26/2017
Parent Sample Code											OU2MW-12I			
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	**0.14 J**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	**2**	1 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U
Total BTEX (ND=0)		NE	**2**	ND	**0.14**	ND	ND	ND	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**17**	**14.8**	**1.9 J**	10 U	10 U	10 U	10 U*	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			**25**	**15.9**	**4.8 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U*	10 U	10 U	10 U	10 U	1 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U
Chrysene		0.002*	10 U	10 U	2 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	10 U	2 U
Dibenz(a,h)anthracene		NE	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U
2-Methylnaphthalene		NE	**24**	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	**1 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene		50*	**13**	**10.1**	**3.7 J**	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	10 U
Total PAH (17) (ND=0)		NE	**79**	**40.8**	**10.4**	**1**	ND	ND	ND	ND	ND	ND	ND	ND
Other														
Sulfate	µg/L	250000	**66200 D**	**47500**		**24800**	**20300**	**16400**	**18700**	**30800**	**31200**	**20600**	**17200**	**9200**

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-12I2	OU2MW-12I2	OU2MW-12I2	OU2MW-12I2	OU2MW-12D	OU2MW-12D	OU2MW-12D	OU2MW-12D	OU2MW-14I	OU2MW-19I	OU2MW-19I	OU2MW-19I
Sample Date			7/27/2016	12/16/2016	1/20/2017	5/24/2017	7/27/2016	12/16/2016	1/20/2017	5/26/2017	5/10/2017	7/27/2016	12/8/2016	1/25/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U	1 U
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U*	10 U	10 U	10 U	10 U	10 U*	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	1 U*	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U
Chrysene		0.002*	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2 U	2 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U
2-Methylnaphthalene		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
Naphthalene		10*	10 U	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	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	10 U
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other														
Sulfate	µg/L	250000	**16300**	**33500**	**31300**	**29300**	**8830**	**93700**	**53700**	**51600**				

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-19I	DUP-07 Q2	OU2MW-19I2	OU2MW-19I2	OU2MW-19I2	OU2MW-19I2	OU2MW-19D	OU2MW-19D	OU2MW-19D	OU2MW-19D	OU2MW-24I2	OU2MW-24D
Sample Date			5/30/2017	5/30/2017	7/28/2016	12/8/2016	1/25/2017	5/30/2017	7/28/2016	12/8/2016	1/25/2017	5/30/2017	8/10/2016	8/10/2016
Parent Sample Code				OU2MW-19I										
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**0.1 J**	1 U	
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	**3**	1 U	1 U	**1.3**	1 U	
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	**6**	1 U	1 U	**0.72 J**	1 U	
Total Xylene		5	2 U	2 U	1 U	1 U	1 U	2 U	**71**	**13.8**	**29.3 J**	**70**	1 U	
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	**80**	**13.8**	**29.3**	**72.12**	ND	
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	**11**	**2.6 J**	**4.9 J**	10 U	10 U	
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
Benzo(a)anthracene		0.002*	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	
Benzo(b)fluoranthene		0.002*	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	
Benzo(k)fluoranthene		0.002*	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	
Benzo(a)pyrene		ND	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	
Chrysene		0.002*	2 U	2 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2 U	10 U	
Dibenz(a,h)anthracene		NE	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	
Fluorene		50*	10 U	10 U	10 U	10 U	10 U	10 U	**2 J**	10 U	10 U	10 U	10 U	
Indeno(1,2,3-cd)pyrene		0.002*	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	10 U	**19**	**5.1 J**	**10.4**	10 U	10 U	
Naphthalene		10*	10 U	10 U	10 U	10 U	10 U	10 U	**170 D**	**39.1**	**88.5**	10 U	10 U	
Phenanthrene		50*	10 U	10 U	10 U	10 U	10 U	10 U	**2 J**	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	
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	ND	**204**	**46.8**	**103.8**	ND	ND	
Other														
Sulfate	µg/L	250000							**80600 D**	**65500**	**64000**	**50700**		**37700**

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-26D	OU2MW-27D	OU2MW-29D	OU2MW-29D	OU2MW-29D	OU2MW-30S	OU2MW-30S	OU2MW-30S	OU2MW-30S	OU2MW-30I	OU2MW-30I	OU2MW-30I
Sample Date			8/8/2016	9/15/2016	8/8/2016	12/28/2016	6/26/2017	7/11/2016	11/18/2016	2/20/2017	4/20/2017	7/11/2016	11/18/2016	2/20/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5			1 U	1 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U
Total BTEX (ND=0)		NE			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene					10 U	10 U	10 U*	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*			10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*			10 U	10 U	1 U	10 U	10 U	10 U	1 UJ	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*			10 U	10 U	1 U	10 U	10 U	10 U	1 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
Benzo(a)pyrene		ND			10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Chrysene		0.002*			10 U	10 U	2 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE			10 U	10 U	1 U	10 U	10 U	10 U	1 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
Fluorene		50*			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*			10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
2-Methylnaphthalene		NE			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
Phenanthrene		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 UJ	10 U	10 U	10 U
Total PAH (17) (ND=0)		NE			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other														
Sulfate	µg/L	250000	**48700**	**14400**	**45200**	**56500**								

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-30I	DUP-03 Q2	OU2MW-30I2	OU2MW-30I2	OU2MW-30I2	OU2MW-30I2	OU2MW-30I3	OU2MW-30I3	OU2MW-30I3	OU2MW-30I3	OU2MW-30D	OU2MW-30D
Sample Date			4/19/2017	4/19/2017	7/11/2016	11/18/2016	2/20/2017	4/19/2017	7/11/2016	11/18/2016	2/20/2017	4/20/2017	7/11/2016	11/18/2016
Parent Sample Code				OU2MW-30I										
Analyte	Units	NYS AWQS												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	2 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	1 UJ	1 UJ	10 U	10 U	10 U	1 UJ	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Chrysene		0.002*	2.1 U	2.1 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2.1 U	10 U	10 U
Dibenz(a,h)anthracene		NE	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Fluorene		50*	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
2-Methylnaphthalene		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
Naphthalene		10*	10 U	10 U	10 U	10 U	10 U	**2.6 J**	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	10 U
Pyrene		50*	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	**2.6**	ND	ND	ND	ND	ND	ND
Other														
Sulfate	µg/L	250000							**32000**	**25000**	**22500**	**21800**	**42300**	**49000**

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-30D	OU2MW-30D	OU2MW-30D2	OU2MW-30D2	OU2MW-30D2	OU2MW-30D2	OU2MW-32D	OU2MW-32D	OU2MW-32D	OU2MW-33D	OU2MW-35D	OU2MW-35D
Sample Date			2/20/2017	4/20/2017	7/11/2016	11/18/2016	2/20/2017	4/20/2017	8/10/2016	12/28/2016	5/25/2017	8/10/2016	8/9/2016	12/9/2016
Parent Sample Code														
Analyte	Units	NYS AWQS												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		
Total Xylene		5	1 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U	2 U	1 U		
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		
Acenaphthylene			10 U	10 U	10 U	10 U	**2.6 J**	**1.4 J**	10 U	10 U	10 U	10 U		
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		
Benzo(a)anthracene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	1 U	10 U		
Benzo(b)fluoranthene		0.002*	10 U	1 UJ	10 U	10 U	10 U	1 UJ	10 U	10 U	1 U	10 U		
Benzo(k)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	1 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		
Benzo(a)pyrene		ND	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	1 U	10 U		
Chrysene		0.002*	10 U	2.1 U	10 U	10 U	10 U	2.1 U	10 U	10 U	2.1 U	10 U		
Dibenz(a,h)anthracene		NE	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	1 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		
Fluorene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		
Indeno(1,2,3-cd)pyrene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	1 U	10 U		
2-Methylnaphthalene		NE	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		
Phenanthrene		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 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U		
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	**2.6**	**1.4**	ND	ND	ND	ND		
Other														
Sulfate	µg/L	250000	**45100**	**37700**	**345000 D**	**294000**	**255000**	**186000**					**66300 D**	**79500**

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-36D	OU2MW-36D	OU2MW-39S	OU2MW-39S	OU2MW-39S	OU2MW-39S	OU2MW-39I	OU2MW-39I	OU2MW-39I	DUP-06	OU2MW-39I	OU2MW-39I2
Sample Date			8/9/2016	12/9/2016	8/8/2016	11/3/2016	2/21/2017	6/16/2017	8/8/2016	11/3/2016	2/21/2017	2/21/2017	6/16/2017	8/9/2016
Parent Sample Code												OU2MW-39I		
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5			1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	1 U
Total BTEX (ND=0)		NE			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene					10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*			10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U
Benzo(b)fluoranthene		0.002*			10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U
Benzo(k)fluoranthene		0.002*			10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 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
Benzo(a)pyrene		ND			10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U
Chrysene		0.002*			10 U	10 U	10 U	2 U	10 U	10 U	10 U	10 U	2 U	10 U
Dibenz(a,h)anthracene		NE			10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 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
Fluorene		50*			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*			10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U
2-Methylnaphthalene		NE			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
Phenanthrene		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
Total PAH (17) (ND=0)		NE			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other														
Sulfate	µg/L	250000	**46000**	**49700**										

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-39I2	OU2MW-39I2	OU2MW-39I2	OU2MW-39D	OU2MW-39D	OU2MW-39D	OU2MW-39D	OU2MW-41S	OU2MW-41S	OU2MW-42I2	OU2MW-42I2	OU2MW-42I2
Sample Date			11/3/2016	2/21/2017	6/16/2017	8/9/2016	11/3/2016	2/21/2017	6/16/2017	8/8/2016	5/25/2017	8/9/2016	11/3/2016	2/21/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	**2.2**	**0.22 J**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	**1.5**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	1 U	**14.5**	**3.3**	1 U	1 U	1 U	**0.32 J**	1 U	2 U	1 U	1 U	1 U
Total BTEX (ND=0)		NE	ND	**18.2**	**3.52**	ND	ND	ND	**0.32**	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	**9.1 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	1 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	1 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	1 U	10 U	10 U	10 U
Chrysene		0.002*	10 U	10 U	2 U	10 U	10 U	10 U	2 U	10 U	2.1 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	1 U	10 U	10 U	10 U
2-Methylnaphthalene		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
Naphthalene		10*	10 U	**23.3**	10 U	**3 J**	10 U	10 U	**1.6 J**	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	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	10 U
Total PAH (17) (ND=0)		NE	ND	**32.4**	ND	**3**	ND	ND	**1.6**	ND	ND	ND	ND	ND
Other														
Sulfate	µg/L	250000										**31300**	**28600**	**35600**

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-42I2	OU2MW-42D	OU2MW-42D	OU2MW-42D	OU2MW-42D	OU2MW-43D	OU2MW-43D	OU2MW-43D	OU2MW-43D	OU2MW-45S	OU2MW-45I	OU2MW-45I2
Sample Date			6/16/2017	8/9/2016	11/3/2016	2/21/2017	6/15/2017	8/10/2016	12/9/2016	1/20/2017	6/8/2017	5/23/2017	5/23/2017	5/23/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	**1**	**1.7**	**2.5**	**1**	**1**	1 U	1 U	**2.1**	1 U	1 U	1 U
Toluene		5	1 U	**93**	**117**	**153**	**110**	**3**	**3.2**	**7.1**	**2.6**	1 U	1 U	1 U
Ethylbenzene		5	1 U	**90**	**102**	**179**	**130**	**12**	**11.1**	**27.6**	**6.9**	1 U	1 U	1 U
Total Xylene		5	**0.3 J**	**760 D**	**900**	**1290**	**820**	**75**	**80.6**	**148 J**	**65**	2 U	2 U	2 U
Total BTEX (ND=0)		NE	**0.3**	**944**	**1120.7**	**1624.5**	**1061**	**91**	**94.9**	**182.7**	**76.6**	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	**8 J**	**12.1**	**21.1**	**14 J**	**2 J**	10 U	10 U	**2.1 J**	10 U	10 U	10 U
Acenaphthylene			10 U	**130 DJ**	**142 J**	**291 J**	**170**	**17**	**23.1**	**35**	**31**	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	100 U	**1 J**	10 U	10 U	**1.1 J**	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 U	1 U	1 U	1 U
Benzo(b)fluoranthene		0.002*	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 U	1 U	1 U	1 U
Benzo(k)fluoranthene		0.002*	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 U	1 U	1 U	1 U
Benzo(g,h,i)perylene		NE	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 U	1 U	1 U	1 U
Chrysene		0.002*	2 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U	4 U	2 U	2 U	2 U
Dibenz(a,h)anthracene		NE	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 U	1 U	1 U	1 U
Fluoranthene		50*	10 U	**1 J**	10 U	10 U	100 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U
Fluorene		50*	10 U	**8 J**	**8.3 J**	**24.7**	**12 J**	**2 J**	10 U	10 U	20 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	1 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 U	1 U	1 U	1 U
2-Methylnaphthalene		NE	10 U	**290 DJ**	**352 J**	**710 J**	**350**	**18**	**22.9**	**48**	**23**	10 U	10 U	10 U
Naphthalene		10*	10 U	**1800 D**	**2400**	**4160**	**1800**	**270 D**	**319**	**506**	**270**	10 U	10 U	10 U
Phenanthrene		50*	10 U	**14**	**16.3**	**23.2**	**24 J**	**5 J**	**4.8 J**	**7.5 J**	**4.9 J**	10 U	10 U	10 U
Pyrene		50*	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U
Total PAH (17) (ND=0)		NE	ND	**2251**	**2930.7**	**5230**	**2370**	**315**	**369.8**	**596.5**	**332.1**	ND	ND	ND
Other														
Sulfate	µg/L	250000	**19400**	**241000 D**	**223000**	**197000**	**154000**	**149000 D**	**134000**	**125000**	**133000**			

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-45D	OU2MW-47S	DUP-02 Q3	OU2MW-47S	OU2MW-47S	OU2MW-47S	OU2MW-47I	OU2MW-47I	OU2MW-47I	OU2MW-47I	OU2MW-47I2	OU2MW-47I2
Sample Date			5/23/2017	7/12/2016	7/12/2016	11/15/2016	2/6/2017	4/21/2017	7/13/2016	11/15/2016	2/6/2017	4/21/2017	7/12/2016	11/15/2016
Parent Sample Code					OU2MW-47S									
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	2 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Chrysene		0.002*	2 U	10 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2.1 U	10 U	10 U
Dibenz(a,h)anthracene		NE	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
2-Methylnaphthalene		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
Naphthalene		10*	10 U	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	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	10 U
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other														
Sulfate	µg/L	250000												

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			OU2MW-47I2	OU2MW-47I2	OU2MW-47D	OU2MW-47D	OU2MW-47D	OU2MW-47D	OU2MW-55S	OU2MW-55I	OU2MW-55I2	OU2MW-55D	OU2MW-56S	OU2MW-56I
Sample Date			2/6/2017	4/21/2017	7/12/2016	11/15/2016	2/6/2017	4/20/2017	6/6/2017	6/6/2017	6/6/2017	6/6/2017	6/8/2017	6/8/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	1 U	2 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	1 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene		0.002*	10 U	2.1 U	10 U	10 U	10 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2 U	2 U
Dibenz(a,h)anthracene		NE	10 U	1 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene		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
Naphthalene		10*	10 U	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	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	10 U
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other														
Sulfate	µg/L	250000			**49800**	**34700**	**16000**	**33200**						

Table 4-10. OU-2 Summary of BTEX and PAH Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Analyte	Units	NYS AWQS	Sample Name: OU2MW-56I2 Sample Date: 6/8/2017 Parent Sample Code:	Sample Name: OU2MW-56D Sample Date: 6/8/2017 Parent Sample Code:
BTEX	µg/L			
Benzene		1	1 U	1 U
Toluene		5	1 U	1 U
Ethylbenzene		5	1 U	1 U
Total Xylene		5	2 U	2 U
Total BTEX (ND=0)		NE	ND	ND
NYSDEC PAH17	µg/L			
Acenaphthene		20*	10 U	10 U
Acenaphthylene			10 U	10 U
Anthracene		50*	10 U	10 U
Benzo(a)anthracene		0.002*	1 U	1 U
Benzo(b)fluoranthene		0.002*	1 U	1 U
Benzo(k)fluoranthene		0.002*	1 U	1 U
Benzo(g,h,i)perylene		NE	10 U	10 U
Benzo(a)pyrene		ND	1 U	1 U
Chrysene		0.002*	2 U	2 U
Dibenz(a,h)anthracene		NE	1 U	1 U
Fluoranthene		50*	10 U	10 U
Fluorene		50*	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	1 U	1 U
2-Methylnaphthalene		NE	10 U	10 U
Naphthalene		10*	10 U	10 U
Phenanthrene		50*	10 U	10 U
Pyrene		50*	10 U	10 U
Total PAH (17) (ND=0)		NE	ND	ND
Other				
Sulfate	µg/L	250000		

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)																	
		Sampling Date																	
		1992	1997		1998			1999				2000		2000		2001			
		Sep	Jun	Aug	Mar/Apr	Jun	Dec	Mar	Jun	Sep	Oct/Nov	Feb	May	Sep	Nov/Dec	Mar	Jun	Sep	Dec
BBMW-09S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	85	--	--	--	--	--	--	--	--
BBMW-09I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-09D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	15	--	--	--	--	--	--	--	--
BBMW-28S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-28I	10.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-29	2.0 - 9.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30S	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30D	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31S	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31D	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32S	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32D	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-33	7.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-10	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-11	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-28	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-29	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AS	8.91 - 23.91	0	--	--	--	--	--	--	--	0	0	--	--	--	--	--	--	--	--
GM-02AI	35.24 - 50.24	0	--	--	--	--	--	--	--	0	0	--	--	--	--	--	--	--	--
GM-02AD	59.8 - 74.8	0	--	--	--	--	--	--	--	0	0	--	--	--	--	--	--	--	--
IO-10	6.0 - 16.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-16A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-16B	24.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18B	24.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20B	24.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-01S	4.0 -14.0	0	0	--	0	--	--	--	--	--	0	--	--	--	--	--	--	--	--
MW-01D	35.0 - 45.0	0	--	--	0	--	--	--	--	--	0	--	--	--	--	--	--	--	--
MW-02S/S-R	2.0 - 12.0	161,000	98,200	90,100	143,200	103,200	103,400	132,000	125,100	295,000	72,100	73,000	73,200	137,000	123,100	--	--	--	--
MW-02I/I-R	22.5 - 23.5	--	--	238,900	1,435	4,201	650	965	144	0	65	199	33	--	--	--	--	--	--
MW-03	4.94 - 14.94	--	35	--	1	--	--	--	--	--	178	--	--	--	--	--	--	--	--
MW-04	5.1 - 15.1	--	1	--	0	--	--	--	--	--	0	--	--	--	--	--	--	--	--
MW-08W	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11W	2.0 - 10.0	--	--	--	--	2,130	635	1,355	4,070	6,910	2,547	1,401	2,360	--	1,390	242	4,900	170	489
MW-12W	2.0 - 10.0	--	0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13W	2.0 - 10.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16W	2.0 - 10.0	--	55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16SR	2.0 - 10.0	--	--	--	79,600	46,190	20,640	1,830	28,980	64,900	3,627	71,900	34,900	55,990	15,370	--	--	3,350	122,600
MW-16I	14.0 - 19.0	--	--	--	24	10	55	1	45	0	0	6	12	0	--	--	--	--	--
MW-17W	2.0 - 10.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24D	14.0 - 19.0	--	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29S	5.0 - 10.0	--	--	--	--	--	0	0	--	0	0	0	0	10	0	0	2	0	0
MW-29D	14.0 - 19.0	--	--	--	0	--	0	0	0	0	0	0	0	8	--	--	--	--	--
MW-30W/W-R	2.0 - 9.0	--	11,740	--	--	--	--	--	--	--	--	--	--	--	27,200	16	0	40	6,240
MW-32W/W-R	2.0 - 9.0	--	22,000	--	--	4,020	45,800	18,460	3,620	--	--	--	--	--	--	--	--	--	--

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)																	
		Sampling Date																	
		1992	1997		1998			1999				2000		2000		2001			
		Sep	Jun	Aug	Mar/Apr	Jun	Dec	Mar	Jun	Sep	Oct/Nov	Feb	May	Sep	Nov/Dec	Mar	Jun	Sep	Dec
MW-34S	2.0 - 10.0	--	39,100	17,000	--	17,600	49,500	3,910	19,750	34,700	28,400	22,700	9,600	--	8,621	5	3,530	1,500	8
MW-34I	18.5 - 19.5	--	--	25,600	--	0	3	0	0	0	6	10	3	0	--	--	--	--	--
MW-34D	27.5 - 28.5	--	--	16,200	--	35	3	0	1	0	0	15	0	55	--	--	--	--	--
MW-34DD	27.5 - 28.5	--	--	--	--	0	--	--	61	--	--	--	--	--	--	--	--	--	--
MW-37W	2.0 - 10.0	--	0	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39W	2.0 - 10.0	--	0	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45W	2.0 - 10.0	--	5,500	--	195	--	--	--	--	--	--	--	--	13,230	134	53,700	1,240	24	219
MW-46W/W-R	2.0 - 10.0	--	30,000	--	29,900	--	--	--	--	--	--	--	--	57,900	25,300	23,800	17,300	--	--
MW-64	19.0 - 24.0	--	--	--	0	0	0	0	0	0	0	25	--	0	0	0	0	--	84
MW-65	11.0 - 16.0	--	--	--	0	--	--	--	--	18	--	31	0	0	0	1	0	51	0
MW-66S	1.5 - 11.5	--	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-66D	24.0 - 29.0	--	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-67S	2.5 - 12.5	--	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-67D	24 - 29	--	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-68S	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-68D	25.0 - 30.0	--	--	--	0	0	1	172	2	0	0	--	--	--	--	--	--	--	--
MW-70/70S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	41,100	8,160	7,920	31	7	0
MW-73	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-73I	22.0 - 27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-75	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6,580
MW-75I	22.0 - 27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-76	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-78	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-79	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-80	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-81	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-82	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-83	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-01S	5.0 - 15.0	--	2	--	--	--	--	--	--	--	151	--	--	--	--	--	--	--	--
MWBS-02S	5.0 - 15.0	--	997	60	0	--	221	264	40	0	5,510	50	0	0	6	4	0	0	0
MWBS-02I	14.5 - 15.5	--	--	13	330	347	341	9,998	608	0	7	12	0	0	4,740	0	59	20	0
MWBS-02D	24.5 - 25.5	--	--	62	0	--	2,450	23	25	0	17,530	0	0	0	--	--	--	--	--
MW-UST1	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-UST2	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-UST3	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	1.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	1.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	16.0 - 21.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	26.0 - 31.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	31.0 - 36.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	41.0 - 46.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)																	
		Sampling Date																	
		1992	1997		1998			1999				2000		2000		2001			
		Sep	Jun	Aug	Mar/Apr	Jun	Dec	Mar	Jun	Sep	Oct/Nov	Feb	May	Sep	Nov/Dec	Mar	Jun	Sep	Dec
OU3MW-05I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-06	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-10S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-10I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-13S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-14S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-15S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-16S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-18I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-18I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I/IP-15A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I2/IP-15B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I/IP-17B	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I2/IP-17A	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I/IP-19A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I2/IP-19B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-01	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-02	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-03	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02I	22.0 - 27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02I2	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-03	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)															
		Sampling Date															
		2002						2003			2004				2005		
		Jan/Feb	Mar	Apr/May	Jun/Jul	Aug/Sep	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug	Nov/Dec	Feb/Mar	Jun	Aug
BBMW-09S	5.0 - 15.0	--	--	2	--	3	5	0	0	0	0	0	0	0	0	0	0
BBMW-09I	30.0 - 40.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-09D	62.0 - 72.0	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-28S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-28I	10.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-29	2.0 - 9.0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-30S	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30D	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31S	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31D	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32S	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32D	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-33	7.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-10	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-11	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-28	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-29	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AS	8.91 - 23.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AI	35.24 - 50.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AD	59.8 - 74.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IO-10	6.0 - 16.0	--	--	--	--	--	--	--	--	--	7,580	5,380	83	10	21,100	290	3,627
IP-16A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-16B	24.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18B	24.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20B	24.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-01S	4.0 -14.0	--	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--
MW-01D	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-02S/S-R	2.0 - 12.0	159,200	149,000	166,500	180,000	134,000	149,600	99,400	124,800	263,000	149,000	172,400	22,000	427	2,050	13	94
MW-02I/I-R	22.5 - 23.5	--	--	--	--	--	--	--	--	63	14	--	--	--	62	--	--
MW-03	4.94 - 14.94	--	24	24	--	3	28	23	85	--	35	51	52	0	22	28	24
MW-04	5.1 - 15.1	--	--	2	--	28	9	0	69	--	0	0	0	0	0	0	0
MW-08W	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11W	2.0 - 10.0	--	2,410	--	175	101	17	172	382	16	0	0	0	1,449	30	6,580	1,400
MW-12W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16SR	2.0 - 10.0	75,500	59,800	24,550	22,700	45,500	4,424	10,400	27,260	42,700	354	1,320	41,800	317	66,800	65,500	34,600
MW-16I	14.0 - 19.0	--	--	--	2	--	--	--	--	0	0	--	--	--	0	--	--
MW-17W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29S	5.0 - 10.0	--	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0
MW-29D	14.0 - 19.0	--	--	--	0	--	--	--	--	--	0	--	--	0	--	--	--
MW-30W/W-R	2.0 - 9.0	--	77	--	0	104	170	--	--	--	--	--	--	--	0	0	10
MW-32W/W-R	2.0 - 9.0	--	--	--	--	--	--	--	2,290	4,832	1,189	2,048	74,400	33,300	8,413	5,171	4,400

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Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)															
		Sampling Date															
		2002						2003			2004				2005		
		Jan/Feb	Mar	Apr/May	Jun/Jul	Aug/Sep	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug	Nov/Dec	Feb/Mar	Jun	Aug
MW-34S	2.0 - 10.0	--	71	--	7,440	179	2,142	2,141	34,600	2,827	13,000	13,900	3,364	12,370	5,068	11,700	29,200
MW-34I	18.5 - 19.5	--	--	--	3,690	--	--	--	--	--	4,090	--	--	--	1,348	--	--
MW-34D	27.5 - 28.5	--	--	--	0	--	--	--	0	0	0	--	--	--	0	--	--
MW-34DD	27.5 - 28.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45W	2.0 - 10.0	--	--	2,550	7	1	0	--	8,500	720	1,950	25,000	2,780	11,300	39,300	14,000	19,300
MW-46W/W-R	2.0 - 10.0	--	--	--	--	--	21,100	35,800	18,800	8,800	43,400	20,800	23,100	22,500	37,100	40,200	42,400
MW-64	19.0 - 24.0	--	--	9	0	0	14	85,000	0	0	0	0	24	7,650	0	5,651	0
MW-65	11.0 - 16.0	--	--	9	0	0	31	0	0	0	0	0	0	3,852	0	0	0
MW-66S	1.5 - 11.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-66D	24.0 - 29.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-67S	2.5 - 12.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-67D	24 - 29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-68S	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-68D	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-70/70S	2.0 - 12.0	--	403	--	100	3	5	23,800	12	1,170	1,114	6,150	39,400	70	267	45,500	57,000
MW-73	2.0 - 12.0	29,500	8,990	7,140	9,400	26,600	5,220	--	64,000	89,000	34,000	33,000	71,500	27,700	26,700	26,500	52,000
MW-73I	22.0 - 27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-75	2.0 - 12.0	4,010	78	45	65,700	82,800	158	1,260	161,100	110,500	4,060	1,302	34,500	212	1,815	129,200	157,100
MW-75I	22.0 - 27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-76	2.0 - 12.0	2,702	230	37	252	4,560	21	0	109	136	0	--	0	33	0	170	23
MW-78	5.0 - 20.0	17,400	3,790	2,156	2,840	17,700	1,320	11,960	30,800	42,000	11,800	18,200	13,400	8,400	15,700	21,800	8,700
MW-79	5.0 - 20.0	--	2,090	627	74,200	87,100	12,700	69,800	101,600	93,700	116,000	82,600	34,820	24,100	32,300	9,800	7,300
MW-80	5.0 - 20.0	48,000	635	457	6,220	87,600	387	33,300	88,000	126,000	118,000	96,000	81,400	66,900	132,000	197,000	301,000
MW-81	5.0 - 20.0	--	1,449	1,318	28,200	31,600	1,530	12,930	53,600	33,000	63,000	25,000	20,400	35,200	37,800	22,870	29,100
MW-82	5.0 - 20.0	5,840	1,269	110	26,900	48,300	1,444	17,910	245,000	46,000	20,280	9,160	30,300	10,400	5,340	25,300	140
MW-83	5.0 - 20.0	189	120	3	458	1,297	8	62	40	950	0	54	0	1,543	788	980	1,280
MWBS-01S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5.0 - 15.0	--	1	--	0	0	0	0	0	0	2,853	323	0	0	22	82	0
MWBS-02I	14.5 - 15.5	--	84	--	0	0	--	0	--	--	0	0	0	0	0	0	0
MWBS-02D	24.5 - 25.5	--	--	--	3	--	--	0	--	--	0	--	--	--	87	--	--
MW-UST1	2.0 - 12.0	--	694	885	--	307	1,727	1,033	1,110	1,911	51	2,343	2,700	240	122	660	830
MW-UST2	2.0 - 12.0	--	661	1,340	--	335	599	1,160	2,400	1,854	440	1,812	3,800	1,430	3,117	1,880	2,700
MW-UST3	2.0 - 12.0	--	75	141	--	21	46	33	79	74	145	320	0	22	247	41	12
OU3MW-01S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	1.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	1.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	16.0 - 21.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	26.0 - 31.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	31.0 - 36.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	41.0 - 46.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)															
		Sampling Date															
		2002						2003			2004				2005		
		Jan/Feb	Mar	Apr/May	Jun/Jul	Aug/Sep	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug	Nov/Dec	Feb/Mar	Jun	Aug
OU3MW-05I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-06	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-10S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-10I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-13S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-14S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-15S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-16S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-18I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-18I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I/IP-15A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I2/IP-15B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I/IP-17B	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I2/IP-17A	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I/IP-19A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I2/IP-19B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-01	5.0 - 20.0	30,700	19,700	23,100	--	--	14,500	1,400	0	0	0	0	0	0	0	0	0
PDMW-02	5.0 - 20.0	86,100	72,600	67,700	93,600	53,300	--	--	68,000	74,000	115,900	117,600	82,000	83,000	90,000	60,300	37,300
PDMW-03	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02	2.0 - 12.0	52	40	2	137	820	2	127	73,800	92,300	0	0	0	0	0	26,900	24,900
SV-02I	22.0 - 27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02I2	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-03	2.0 - 12.0	14,780	203	90	2,110	6,410	4	5,870	9,810	23,100	33,200	11,600	615	4,400	936	5,509	249

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)																
		Sampling Date																
		2005	2006				2007				2008				2009			
		Nov/Dec	March	Jun	Jul/Aug	Nov/Dec	March	May-Jul	Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Aug-Sep	Oct-Dec
BBMW-09S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-09I	30.0 - 40.0	--	--	--	--	--	0	--	0	--	0	--	--	--	0	--	--	--
BBMW-09D	62.0 - 72.0	--	--	--	--	--	0	--	0	--	0	--	--	--	0	--	--	--
BBMW-28S	2.0 - 12.0	0	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-28I	10.0 - 20.0	0	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-29	2.0 - 9.0	4,368	974	134	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-30S	2.0 - 10.0	--	--	--	--	--	--	0	0	0	0	--	--	--	0	--	--	0
BBMW-30I	14.0 - 19.0	--	--	--	--	--	--	0	0	0	0	--	--	--	0	--	--	0
BBMW-30D	30.0 - 35.0	--	--	--	--	--	--	0	0	0	0	--	--	--	0	--	--	0
BBMW-31S	2.0 - 10.0	--	--	--	--	--	--	0	0	0	0	--	--	--	2	--	--	0
BBMW-31I	14.0 - 19.0	--	--	--	--	--	--	0	0	0	0	--	--	--	3	--	--	0
BBMW-31D	30.0 - 35.0	--	--	--	--	--	--	0	0	0	0	--	--	--	3	--	--	0
BBMW-32S	2.0 - 10.0	--	--	--	--	--	--	0	0	0	0	--	--	--	0	--	--	0
BBMW-32I	14.0 - 19.0	--	--	--	--	--	--	0	0	0	0	--	--	--	0	--	--	0
BBMW-32D	30.0 - 35.0	--	--	--	--	--	--	0	0	0	0	--	--	--	0	--	--	0
BBMW-33	7.0 - 12.0	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BW-UST-10	5.0 - 10.0	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0
BW-UST-11	5.0 - 10.0	--	--	--	--	0	0	0	0	0	1	0	0	-	0	0	0	0
BW-UST-28	5.0 - 10.0	--	--	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0
BW-UST-29	5.0 - 10.0	--	--	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0
GM-02AS	8.91 - 23.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AI	35.24 - 50.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AD	59.8 - 74.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IO-10	6.0 - 16.0	45	0	0	0	101	2,300	0	0	83	0	73	0	0	0	0	0	0
IP-16A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-16B	24.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18B	24.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20B	24.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-01S	4.0 -14.0	460	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MW-01D	35.0 - 45.0	--	--	0	0	0	0	0	0	0	0	--	--	--	0	0	0	--
MW-02S/S-R	2.0 - 12.0	194	945	51	0	68	346	625	1,695	248	27	1	16	47	812	64	--	--
MW-02I/I-R	22.5 - 23.5	--	0	--	--	--	0	0	0	0	0	0	3	0	0	0	--	--
MW-03	4.94 - 14.94	27	0	24	28	14	0	0	20	18	5	5	9	11	6	14	16	18
MW-04	5.1 - 15.1	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MW-08W	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11W	2.0 - 10.0	2,071	190	61	0	933	42	110	62	97	95	77	35	8	0	0	27	0
MW-12W	2.0 - 10.0	--	--	--	--	--	0	0	0	0	0	0	0	0	2	0	0	0
MW-13W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16SR	2.0 - 10.0	45,820	42,100	15,000	17,900	18,600	12,250	6,050	15,870	20,770	36,270	11,710	5,840	14,280	3,275	4,192	--	--
MW-16I	14.0 - 19.0	--	0	--	--	--	0	103	0	59	84	17	0	4	0	0	--	--
MW-17W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	0	0	0	0	0	--	--	--
MW-29S	5.0 - 10.0	0	0	0	0	0	0	0	0	0	0	--	--	--	0	0	0	0
MW-29D	14.0 - 19.0	0	--	--	--	--	0	0	0	0	0	--	--	--	0	0	0	0
MW-30W/W-R	2.0 - 9.0	0	0	106	130	0	0	0	0	0	0	0	1	0	0	0	0	0
MW-32W/W-R	2.0 - 9.0	9,200	4,565	5,950	5,100	1,502	1,060	567	1,080	9,760	2,040	57	0	29	232	91	277	2

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)																
		Sampling Date																
		2005	2006				2007				2008				2009			
		Nov/Dec	March	Jun	Jul/Aug	Nov/Dec	March	May-Jul	Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Aug-Sep	Oct-Dec
MW-34S	2.0 - 10.0	3,820	14,600	25,500	9,240	5,760	85	9,750	35,100	19,800	7,750	25,870	5,638	9,100	3,636	2,310	57	2
MW-34I	18.5 - 19.5	--	0	--	--	--	0	0	5	934	35	0	0	0	0	0	0	0
MW-34D	27.5 - 28.5	--	0	--	--	--	0	0	0	0	0	0	0	0	0	0	0	0
MW-34DD	27.5 - 28.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45W	2.0 - 10.0	16,100	14,600	2,214	1,720	5,770	3,200	43,400	1,236	1,717	3,600	5,690	242	142	4,210	15,700	1,737	15
MW-46W/W-R	2.0 - 10.0	15,760	17,110	7,270	2,750	2,330	1,256	3,810	915	1,400	8,130	1,664	3,471	1,231	525	1,510	811	559
MW-64	19.0 - 24.0	750	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MW-65	11.0 - 16.0	0	0	0	0	0	0	0	0	0	4	0	0	7	0	0	0	0
MW-66S	1.5 - 11.5	--	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0	0
MW-66D	24.0 - 29.0	--	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0	0
MW-67S	2.5 - 12.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-67D	24 - 29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-68S	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-68D	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-70/70S	2.0 - 12.0	4,630	4,360	175	277	363	31	268	351	1,577	11,590	7,750	10,910	675	1,124	621	410	57
MW-73	2.0 - 12.0	557	8,460	14,520	36,200	15,070	18,700	22,500	15,300	14,000	12,800	5,970	9,800	5,380	7,100	62,600	45,100	7,400
MW-73I	22.0 - 27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-75	2.0 - 12.0	17,000	5,389	1,540	3,600	491	580	355	9,420	2,254	268	1,802	77,440	1,181	569	7,290	68,310	935
MW-75I	22.0 - 27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-76	2.0 - 12.0	0	27	0	0	0	0	0	4	7	2	0	1	0	0	0	0	0
MW-78	5.0 - 20.0	3,090	5,900	4,710	18,100	4,080	2,320	3,050	2,480	2,270	54	167	449	312	2,590	2,140	3,370	599
MW-79	5.0 - 20.0	588	3,740	3,320	1,220	7,690	13,900	2,840	2,030	542	3,160	32	3,110	2,060	10,100	189	893	6,780
MW-80	5.0 - 20.0	38,300	44,000	38,700	6,170	41,100	148,000	26,100	41,000	106,000	3,220	18,700	52,300	90,400	55,200	34,500	8,750	20,100
MW-81	5.0 - 20.0	15,660	5,000	9,510	3,499	16,900	65,800	16,100	36,300	61,800	8,690	1,080	18,840	5,020	257	152	607	25,120
MW-82	5.0 - 20.0	58,900	44,200	30,000	43,400	21,800	7,144	14,460	4,338	17,989	1,164	2,254	6,942	19,071	6,151	403	1,822	4,140
MW-83	5.0 - 20.0	142	101	0	5,042	161	41	2,320	6,761	39	36	0	687	2,145	0	0	66	0
MWBS-01S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5.0 - 15.0	0	0	0	0	0	0	0	0	8	0	0	0	0	98	0	268	103
MWBS-02I	14.5 - 15.5	0	0	0	0	0	0	0	0	0	0	0	17	0	0	3	30	14
MWBS-02D	24.5 - 25.5	--	191	--	--	--	0	0	0	0	17	0	0	0	0	0	0	0
MW-UST1	2.0 - 12.0	1,083	117	1,270	2,400	944	950	1,250	796	470	--	--	--	--	--	--	--	--
MW-UST2	2.0 - 12.0	1,410	1,652	1,925	3,011	1,250	960	1,260	1,173	1,686	--	--	--	--	--	--	--	--
MW-UST3	2.0 - 12.0	0	0	19	0	0	14	0	6	4	--	--	--	--	--	--	--	--
OU3MW-01S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-02S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-02I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-03S	1.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	58	0
OU3MW-03I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-04S	1.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	37	114
OU3MW-04I	16.0 - 21.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	187	0
OU3MW-04D	26.0 - 31.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-04D2	31.0 - 36.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	41.0 - 46.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0

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Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)																
		Sampling Date																
		2005	2006				2007				2008				2009			
		Nov/Dec	March	Jun	Jul/Aug	Nov/Dec	March	May-Jul	Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Aug-Sep	Oct-Dec
OU3MW-05I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
OU3MW-06	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-07S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-10S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-10I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-13S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-14S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-15S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-16S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-18I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-18I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I/IP-15A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I2/IP-15B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I/IP-17B	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I2/IP-17A	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I/IP-19A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I2/IP-19B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-01	5.0 - 20.0	0	0	0	0	0	0	0	0	70,920	0	0	0	0	0	0	--	0
PDMW-02	5.0 - 20.0	100,000	19,500	85,100	67,500	98,000	62,700	79,700	68,020	84,400	70,570	65,260	51,400	73,810	59,210	46,350	--	--
PDMW-03	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	45,561	27,913	14,511	27,515	--	--
SV-02	2.0 - 12.0	25,500	1,600	32	27,400	42	0	0	26,000	0	0	0	0	0	26	1	34,300	4
SV-02I	22.0 - 27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02I2	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-03	2.0 - 12.0	2,702	570	257	831	116	65	207	185	341	105	477	60	56	29	10	5	8

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)															
		Sampling Date															
		2010				2011				2012				2013			
		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
BBMW-09S	5.0 - 15.0	0	0	0	0	0	--	--	--	0	--	--	--	--	--	--	--
BBMW-09I	30.0 - 40.0	0	--	--	--	0	--	--	--	0	--	--	--	--	--	--	--
BBMW-09D	62.0 - 72.0	0	--	--	--	0	--	--	--	0	--	--	--	--	--	--	--
BBMW-28S	2.0 - 12.0	0	0	0	0	0	0	--	0	0	0	0	0	0	0	0	0
BBMW-28I	10.0 - 20.0	0	10	0	0	0	0	--	0	0	0	0	0	0	0	0	0
BBMW-29	2.0 - 9.0	0	0	0	0	0	1	0	0	0	0	15	0	1	0	0	0
BBMW-30S	2.0 - 10.0	0	0	0	0	0	0	0	0	0	0	0	--	0	0	--	--
BBMW-30I	14.0 - 19.0	0	0	0	0	0	0	0	0	0	0	0	--	0	0	--	--
BBMW-30D	30.0 - 35.0	0	0	0	0	0	0	0	0	0	0	2	--	0	0	--	--
BBMW-31S	2.0 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-31I	14.0 - 19.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-31D	30.0 - 35.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-32S	2.0 - 10.0	0	0	0	0	0	0	0	0	0	0	0	--	0	0	--	--
BBMW-32I	14.0 - 19.0	0	0	0	0	0	0	0	0	0	0	0	--	0	0	--	--
BBMW-32D	30.0 - 35.0	0	0	2	0	0	0	0	0	0	0	0	--	0	0	--	--
BBMW-33	7.0 - 12.0	0	0	0	0	0	0	--	0	0	0	0	0	0	0	0	0
BW-UST-10	5.0 - 10.0	0	0	0	0	0	--	--	--	0	--	--	--	--	--	--	--
BW-UST-11	5.0 - 10.0	0	0	0	0	0	--	--	--	0	--	--	--	--	--	--	--
BW-UST-28	5.0 - 10.0	0	0	0	0	0	--	--	--	0	--	--	--	--	--	--	--
BW-UST-29	5.0 - 10.0	0	0	0	0	0	--	--	--	0	--	--	--	--	--	--	--
GM-02AS	8.91 - 23.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AI	35.24 - 50.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AD	59.8 - 74.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IO-10	6.0 - 16.0	0	0	1,275	82	17,660	11,855	13,120	9,050	4,578	5,794	0	0	0	0	0	3
IP-16A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-16B	24.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18B	24.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20B	24.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-01S	4.0 -14.0	0	0	0	0	0	--	--	--	0	--	--	--	--	--	--	--
MW-01D	35.0 - 45.0	0	--	--	--	0	--	--	--	0	--	--	--	--	--	--	--
MW-02S/S-R	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-02I/I-R	22.5 - 23.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	4.94 - 14.94	14	14	12	3	3	--	--	--	0	--	--	--	--	--	--	--
MW-04	5.1 - 15.1	0	0	0	0	0	--	--	--	0	--	--	--	--	--	--	--
MW-08W	5.0 - 10.0	--	--	--	--	--	--	--	--	0	--	--	--	--	--	--	--
MW-11W	2.0 - 10.0	0	0	0	0	0	10	33	52	13	585	1,534	428	2	4	0	--
MW-12W	2.0 - 10.0	0	0	0	0	0	0	0	0	4	488	18	0	15	80	0	2
MW-13W	2.0 - 10.0	--	--	--	--	--	0	0	--	0	--	--	--	--	0	0	0
MW-16W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16SR	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24D	14.0 - 19.0	--	--	--	--	--	--	--	--	0	--	--	--	--	--	--	--
MW-26D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29S	5.0 - 10.0	0	0	--	--	0	--	--	--	0	--	--	--	--	--	--	--
MW-29D	14.0 - 19.0	0	0	--	--	0	--	--	--	0	--	--	--	--	--	--	--
MW-30W/W-R	2.0 - 9.0	0	0	3	0	0	0	0	0	30	26	0	--	0	0	0	0
MW-32W/W-R	2.0 - 9.0	120	0	0	0	0	62	1,548	795	8	25	10	156	2	3	1	0

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Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)															
		Sampling Date															
		2010				2011				2012				2013			
		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
MW-34S	2.0 - 10.0	16	80	4,080	1,666	179	225	11,830	5,930	4,310	1,737	227	126	1	0	0	1
MW-34I	18.5 - 19.5	0	0	222	0	1,240	4,970	6,421	7,177	11,070	4,165	80	58	38	18	13	4
MW-34D	27.5 - 28.5	0	0	0	0	0	0	1,773	2,357	236	1,747	203	1	2	13	1	14
MW-34DD	27.5 - 28.5	--	--	--	--	--	--	--	--	0	--	--	0	--	0	0	0
MW-37W	2.0 - 10.0	--	--	--	--	--	0	0	0	0	0	0	0	0	0	21	0
MW-39W	2.0 - 10.0	--	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0
MW-45W	2.0 - 10.0	323	1,075	1	0	14	0	0	0	36	0	0	0	0	0	0	0
MW-46W/W-R	2.0 - 10.0	431	1,135	954	549	2,335	1,835	1,152	184	270	1,187	9	3	0	0	0	156
MW-64	19.0 - 24.0	0	0	2,270	13,530	18,020	23,140	21,050	3,698	5,704	12,929	25,962	6,549	2,447	1,906	1,593	35
MW-65	11.0 - 16.0	0	0	0	5	0	0	0	5,639	2,324	564	557	328	309	4	151	94
MW-66S	1.5 - 11.5	0	0	0	0	0	0	0	0	0	0	0	--	0	0	--	0
MW-66D	24.0 - 29.0	0	0	0	0	0	0	0	0	0	0	0	--	0	0	--	0
MW-67S	2.5 - 12.5	--	--	--	--	--	--	--	--	0	--	--	--	--	0	--	0
MW-67D	24 - 29	--	--	--	--	--	--	--	--	0	--	--	--	--	0	--	0
MW-68S	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0
MW-68D	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	20	2	0	0
MW-70/70S	2.0 - 12.0	169	353	754	1,546	1,107	9,700	7,580	4,096	5,120	1,908	1,735	38	4	0	3	9
MW-73	2.0 - 12.0	8,970	12,000	612	258	863	3,560	1,225	2,276	581	3,610	1,128	1,338	1,109	1,822	315	3
MW-73I	22.0 - 27.0	--	--	--	--	--	--	8,350	1,760	1,200	1,590	1,325	1,098	1,147	719	945	4
MW-75	2.0 - 12.0	1,375	608	50,410	4,707	5	7	12,710	468	32	72	6,990	3,420	24	173	1,471	7
MW-75I	22.0 - 27.0	--	--	--	--	--	--	3,370	5,821	20,409	990	2,012	1,652	492	517	335	22
MW-76	2.0 - 12.0	0	2	0	0	1	0	0	112	0	0	0	0	0	0	2	0
MW-78	5.0 - 20.0	650	--	4,890	4,650	210	1,380	583	3,010	4,390	4,280	25,300	8,900	2,030	18,290	14,250	88
MW-79	5.0 - 20.0	1,020	4,290	274	23,000	1,200	1,310	9,750	2,280	9,580	9,930	14,900	8,040	3,340	4,260	4,030	25
MW-80	5.0 - 20.0	3,750	11,260	20,090	10,780	2,820	2,330	11,320	2,470	5,270	12,980	5,250	4,450	5,340	3,080	5,230	50
MW-81	5.0 - 20.0	6,120	7,730	24,400	5,700	1,187	2,298	3,050	3,240	2,225	7,390	7,852	7,158	251	1,023	1,096	8
MW-82	5.0 - 20.0	4,260	18,100	1,890	5,410	655	55	1,743	508	1,487	1,196	259	1,609	523	461	564	12
MW-83	5.0 - 20.0	0	4	10	2,387	11	16	155	2,339	1,992	662	186	281	8	34	61	37
MWBS-01S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5.0 - 15.0	939	56	115	3	0	11	4	120	177	28	12	1	0	0	0	0
MWBS-02I	14.5 - 15.5	4	107	83	0	2	4	1	34	43	80	376	3	0	1	8	0
MWBS-02D	24.5 - 25.5	1	0	0	0	1	0	0	0	0	2,971	414	71	0	0	0	0
MW-UST1	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-UST2	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-UST3	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3.0 - 13.0	0	0	0	0	0	0	0	0	43	0	0	8	0	0	0	0
OU3MW-02S	3.0 - 13.0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-02I	15.0 - 20.0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
OU3MW-03S	1.0 - 11.0	0	15	0	0	542	224	698	8,690	665	530	81	89	48	2	1	5
OU3MW-03I	20.0 - 25.0	4	132	0	0	2,463	1,480	5,630	769	138	285	1,621	21	0	2,472	76	627
OU3MW-04S	1.0 - 11.0	0	0	7	0	21	2	0	18	0	4	0	0	0	0	0	0
OU3MW-04I	16.0 - 21.0	0	336	208	0	0	108	541	115	0	0	0	0	0	0	0	0
OU3MW-04D	26.0 - 31.0	0	0	0	0	0	0	152	15,384	2,837	939	3,001	1,665	7	7	0	0
OU3MW-04D2	31.0 - 36.0	--	--	--	--	--	--	--	--	11	6	770	400	13	4	3	0
OU3MW-04D3	41.0 - 46.0	--	--	--	--	--	--	--	--	0	0	1	0	0	0	0	0
OU3MW-05S	2.0 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)															
		Sampling Date															
		2010				2011				2012				2013			
		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
OU3MW-05I	15.0 - 20.0	0	0	0	0	246	75	0	0	0	0	72	39	115	364	60	0
OU3MW-06	3.0 - 13.0	0	0	7	0	0	11	0	0	32	0	0	0	0	0	16	0
OU3MW-07S	3.0 - 13.0	3,461	39	8	251	179	108	0	0	0	23	0	0	0	0	0	0
OU3MW-07I	15.0 - 20.0	0	0	0	0	4,040	326	61	38	0	850	57	1,121	0	0	0	0
OU3MW-07I2	20.0 - 25.0	0	0	0	0	3,267	10,427	3,520	1,416	7,366	2,502	37	20	19	14	6	4
OU3MW-07I3	25.0 - 30.0	--	--	--	--	--	--	--	--	12,187	107	12	3	36	5	0	1
OU3MW-07I4	35.0 - 40.0	--	--	--	--	--	--	--	--	0	0	0	0	0	0	0	0
OU3MW-08S	2.0 - 12.0	--	--	--	5,200	5,730	4,530	4,940	1,970	2,330	2,260	1,321	966	1,850	165	1,580	1,930
OU3MW-08I	25.0 - 30.0	--	--	--	0	0	0	0	0	0	2	0	--	--	0	--	--
OU3MW-09S	2.0 - 12.0	--	--	--	2,002	407	365	287	79	37	56	59	115	0	0	15	25
OU3MW-09I	25.0 - 30.0	--	--	--	38,700	31,840	20,390	22,230	23,690	5,920	1,948	2,441	3,497	915	2,080	428	333
OU3MW-09I2	35.0 - 40.0	--	--	--	--	--	--	4	46	27	18	73	27	16	70	9	14
OU3MW-10S	2.0 - 12.0	--	--	--	4,614	3,084	958	492	251	113	143	42	40	0	0	6	6
OU3MW-10I	25.0 - 30.0	--	--	--	8	0	0	1	63	201	440	712	303	469	580	314	326
OU3MW-11S	2.0 - 12.0	--	--	--	0	0	0	0	0	8	0	0	--	--	0	--	--
OU3MW-11I	25.0 - 30.0	--	--	--	1	0	0	0	0	0	0	0	--	--	0	--	--
OU3MW-12S	2.0 - 12.0	--	--	--	0	0	0	0	0	5	0	0	--	--	0	--	--
OU3MW-12I	25.0 - 30.0	--	--	--	0	0	0	0	0	0	0	0	--	--	0	--	--
OU3MW-13S	2.0 - 12.0	--	--	--	--	--	--	1,490	2,730	21,000	2,700	3,940	21,000	6,100	12,120	537	4
OU3MW-14S	2.0 - 12.0	--	--	--	--	--	--	34,200	31,100	23,600	27,800	20,100	23,100	21,500	19,600	18,200	14
OU3MW-15S	2.0 - 12.0	--	--	--	--	--	--	2,598	1,444	204	412	1,847	2,254	51	184	881	21
OU3MW-16S	2.0 - 12.0	--	--	--	--	--	--	43	898	769	846	259	164	1,128	219	161	18
OU3MW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
OU3MW-17I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
OU3MW-17I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	2	0	0
OU3MW-18I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	55	4	5
OU3MW-18I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	5	0	0
OU3MW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6,350	5,560
OU3MW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	106	502
OU3MW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	85	82
OU3MW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	431	551
OU3MW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	9
OU3MW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-21I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-21I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	11
OU3MW-22I/IP-15A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30,200
OU3MW-22I2/IP-15B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
OU3MW-23I/IP-17B	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	16,900
OU3MW-23I2/IP-17A	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,210
OU3MW-24I/IP-19A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3,530
OU3MW-24I2/IP-19B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5,821
PDMW-01	5.0 - 20.0	0	0	0	0	0	18	0	0	2	0	0	--	--	0	--	--
PDMW-02	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-03	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02	2.0 - 12.0	0	212	32,000	27	0	0	17	20	114	0	767	1	0	0	0	7
SV-02I	22.0 - 27.0	--	--	--	--	--	--	12,120	1,562	1,035	8,568	6,944	25,765	1,407	294	147	32
SV-02I2	35.0 - 40.0	--	--	--	--	--	--	0	0	2	62	47	1	0	0	0	0
SV-03	2.0 - 12.0	0	0	5	144	3	7	10	3	73	536	21	5	17	0	4	3

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		Sampling Date													
		2014				2015				2016				2017	
		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
BBMW-09S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-09I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-09D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-28S	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
BBMW-28I	10.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
BBMW-29	2.0 - 9.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
BBMW-30S	2.0 - 10.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30I	14.0 - 19.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30D	30.0 - 35.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31S	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
BBMW-31I	14.0 - 19.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
BBMW-31D	30.0 - 35.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
BBMW-32S	2.0 - 10.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32I	14.0 - 19.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32D	30.0 - 35.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-33	7.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
BW-UST-10	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-11	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-28	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-29	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AS	8.91 - 23.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AI	35.24 - 50.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AD	59.8 - 74.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IO-10	6.0 - 16.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
IP-16A	14.0 - 15.0	--	--	--	--	--	664	29	0	0	0	72	0	0	0
IP-16B	24.0 - 25.0	--	--	--	--	--	43	201	20	0	18	0	0	0	6
IP-18A	14.0 - 15.0	--	--	--	--	--	3,660	0	0	0	0	0	0	--	0
IP-18B	24.0 - 25.0	--	--	--	--	--	3	167	12	0	0	3	0	0	0
IP-20A	14.0 - 15.0	--	--	--	--	--	1,580	126	10	62	4,846	159	0	0	247
IP-20B	24.0 - 25.0	--	--	--	--	--	2,511	654	0	271	69	0	0	87	76
MW-01S	4.0 -14.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-01D	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-02S/S-R	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-02I/I-R	22.5 - 23.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	4.94 - 14.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	5.1 - 15.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08W	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11W	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-12W	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-13W	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-16W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16SR	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30W/W-R	2.0 - 9.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-32W/W-R	2.0 - 9.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)													
		Sampling Date													
		2014				2015				2016				2017	
		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
MW-34S	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-34I	18.5 - 19.5	510	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-34D	27.5 - 28.5	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-34DD	27.5 - 28.5	0	0	0	0	0	0	--	--	--	15	--	--	--	--
MW-37W	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-39W	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-45W	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-46W/W-R	2.0 - 10.0	0	0	0	0	0	0	--	--	--	11	--	--	--	--
MW-64	19.0 - 24.0	4,811	1,696	50	2,962	310	81	1,511	3	2	88	0	0	54	21
MW-65	11.0 - 16.0	58	12	67	21	9	0	89	8	141	22	--	--	--	--
MW-66S	1.5 - 11.5	0	0	0	0	--	0	--	--	--	0	--	--	--	--
MW-66D	24.0 - 29.0	0	0	0	0	--	0	--	--	--	0	--	--	--	--
MW-67S	2.5 - 12.5	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-67D	24 - 29	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-68S	15.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-68D	25.0 - 30.0	5	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-70/70S	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-73	2.0 - 12.0	11	0	0	0	200	0	0	0	2	3	0	0	0	0
MW-73I	22.0 - 27.0	13	10	0	75	0	0	0	0	0	0	--	--	--	0
MW-75	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-75I	22.0 - 27.0	104	12	0	0	0	0	0	--	--	0	--	--	--	0
MW-76	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-78	5.0 - 20.0	7	0	117	19	29	59	11	0	38	14	0	0	0	26
MW-79	5.0 - 20.0	6	0	0	17	17	0	0	0	3	3	0	0	29	4
MW-80	5.0 - 20.0	421	44	203	8	0	930	4,591	4	0	0	42	0	0	0
MW-81	5.0 - 20.0	6	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-82	5.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-83	5.0 - 20.0	27	25	78	75	0	10	24	43	8	62	--	--	--	--
MWBS-01S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5.0 - 15.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MWBS-02I	14.5 - 15.5	0	3	1	0	0	0	--	--	--	0	--	--	--	--
MWBS-02D	24.5 - 25.5	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-UST1	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-UST2	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-UST3	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3.0 - 13.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-02S	3.0 - 13.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-02I	15.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-03S	1.0 - 11.0	2	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-03I	20.0 - 25.0	108	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-04S	1.0 - 11.0	0	7	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-04I	16.0 - 21.0	0	6	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-04D	26.0 - 31.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-04D2	31.0 - 36.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-04D3	41.0 - 46.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-05S	2.0 - 12.0	0	0	0	0	2	0	--	--	--	0	--	--	--	--

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)													
		Sampling Date													
		2014				2015				2016				2017	
		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
OU3MW-05I	15.0 - 20.0	0	0	0	2	2	0	--	--	--	0	--	--	--	--
OU3MW-06	3.0 - 13.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-07S	3.0 - 13.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-07I	15.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-07I2	20.0 - 25.0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-07I3	25.0 - 30.0	0	0	0	0	30	0	0	0	0	0	0	0	0	0
OU3MW-07I4	35.0 - 40.0	0	0	0	0	0	0	0	--	0	0	0	0	0	0
OU3MW-08S	2.0 - 12.0	2,240	1,003	710	585	1,176	0	1,368	752	224	261	850	950	446	169
OU3MW-08I	25.0 - 30.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2.0 - 12.0	0	0	1	5	11	0	10	2	0	0	0	0	0	0
OU3MW-09I	25.0 - 30.0	588	346	313	1,045	2,063	1,070	2,790	3,180	1,089	4,180	3,820	3,579	3,162	2,481
OU3MW-09I2	35.0 - 40.0	6	10	7	8	6	3	0	--	--	0	--	--	--	9
OU3MW-10S	2.0 - 12.0	0	1	--	--	--	--	--	--	--	--	--	--	--	0
OU3MW-10I	25.0 - 30.0	574	642	113	112	388	900	106	54	217	--	104	55	54	101
OU3MW-11S	2.0 - 12.0	--	1	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11I	25.0 - 30.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12S	2.0 - 12.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12I	25.0 - 30.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-13S	2.0 - 12.0	277	810	1	15	1,370	168	0	8	4	0	0	203	0	0
OU3MW-14S	2.0 - 12.0	9	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-15S	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-16S	2.0 - 12.0	200	180	648	1,129	980	158	36	1,187	789	910	619	631	162	681
OU3MW-17S	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-17I	15.0 - 20.0	0	7	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-17I2	25.0 - 30.0	0	5	0	0	2	0	--	--	--	0	--	--	--	--
OU3MW-18I	15.0 - 20.0	0	2	0	2	0	0	--	--	--	0	--	--	--	--
OU3MW-18I2	25.0 - 30.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-19S	2.0 - 12.0	4,410	--	1,990	83	403	484	323	47	52	95	28	12	34	29
OU3MW-19I	20.0 - 25.0	0	--	0	74	427	142	0	0	0	0	0	0	0	13
OU3MW-19I2	30.0 - 35.0	0	--	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-20S	2.0 - 12.0	3	0	0	20	0	0	0	0	0	0	0	0	0	0
OU3MW-20I	20.0 - 25.0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-20I2	30.0 - 35.0	0	0	134	2	0	0	0	0	0	0	0	0	0	0
OU3MW-21S	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-21I	15.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-21I2	25.0 - 30.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-22I/IP-15A	10.0 - 15.0	32,200	--	--	--	--	16,000	950	33	0	0	0	0	16	1
OU3MW-22I2/IP-15B	25.0 - 30.0	480	--	--	--	--	43	13	0	0	0	0	0	--	0
OU3MW-23I/IP-17B	10.0 - 15.0	16,000	--	--	--	--	15,600	3,040	3,768	226	473	379	152	161	17
OU3MW-23I2/IP-17A	25.0 - 30.0	1,960	--	--	--	--	1,200	144	635	0	0	32	0	0	0
OU3MW-24I/IP-19A	10.0 - 15.0	2,145	--	--	--	--	3,340	1,139	3	85	68	24	28	14	0
OU3MW-24I2/IP-19B	25.0 - 30.0	20,120	--	--	--	--	2,811	8,520	126	202	19	1,199	0	152	26
PDMW-01	5.0 - 20.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-02	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-03	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02	2.0 - 12.0	0	0	0	0	0	0	--	--	--	--	--	--	--	--
SV-02I	22.0 - 27.0	0	6	1,413	270	0	1	271	0	0	0	0	0	0	--
SV-02I2	35.0 - 40.0	0	0	0	0	0	0	--	--	--	0	--	--	--	0
SV-03	2.0 - 12.0	0	0	4	0	0	1	--	--	--	0	--	--	--	--

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
BBMW-09S	5.0 - 15.0	0	85	3	3	3
BBMW-09I	30.0 - 40.0	0	0	0	0	0
BBMW-09D	62.0 - 72.0	0	15	2	2	2
BBMW-28S	2.0 - 12.0	0	0	0	0	0
BBMW-28I	10.0 - 20.0	0	10	0	0	0
BBMW-29	2.0 - 9.0	0	4,368	128	128	128
BBMW-30S	2.0 - 10.0	0	0	0	0	0
BBMW-30I	14.0 - 19.0	0	0	0	0	0
BBMW-30D	30.0 - 35.0	0	2	0	0	0
BBMW-31S	2.0 - 10.0	0	2	0	0	0
BBMW-31I	14.0 - 19.0	0	3	0	0	0
BBMW-31D	30.0 - 35.0	0	3	0	0	0
BBMW-32S	2.0 - 10.0	0	0	0	0	0
BBMW-32I	14.0 - 19.0	0	0	0	0	0
BBMW-32D	30.0 - 35.0	0	2	0	0	0
BBMW-33	7.0 - 12.0	0	0	0	0	0
BW-UST-10	5.0 - 10.0	0	0	0	0	0
BW-UST-11	5.0 - 10.0	0	1	0	0	0
BW-UST-28	5.0 - 10.0	0	0	0	0	0
BW-UST-29	5.0 - 10.0	0	0	0	0	0
GM-02AS	8.91 - 23.91	0	0	0	0	0
GM-02AI	35.24 - 50.24	0	0	0	0	0
GM-02AD	59.8 - 74.8	0	0	0	0	0
IO-10	6.0 - 16.0	0	21,100	2,215	2,215	2,215
IP-16A	14.0 - 15.0	0	664	96	85	85
IP-16B	24.0 - 25.0	0	201	35	32	32
IP-18A	14.0 - 15.0	0	3,660	523	458	458
IP-18B	24.0 - 25.0	0	167	23	21	21
IP-20A	14.0 - 15.0	0	4,846	848	781	781
IP-20B	24.0 - 25.0	0	2,511	449	408	408
MW-01S	4.0 -14.0	0	460	17	17	17
MW-01D	35.0 - 45.0	0	0	0	0	0
MW-02S/S-R	2.0 - 12.0	0	295,000	77,916	77,916	77,916
MW-02I/I-R	22.5 - 23.5	0	238,900	10,281	10,281	10,281
MW-03	4.94 - 14.94	0	178	22	22	22
MW-04	5.1 - 15.1	0	69	3	3	3
MW-08W	5.0 - 10.0	0	0	0	0	0
MW-11W	2.0 - 10.0	0	6,910	724	724	724
MW-12W	2.0 - 10.0	0	488	16	16	16
MW-13W	2.0 - 10.0	0	0	0	0	0
MW-16W	2.0 - 10.0	55	55	55	55	55
MW-16SR	2.0 - 10.0	317	122,600	30,530	30,530	30,530
MW-16I	14.0 - 19.0	0	103	17	17	17
MW-17W	2.0 - 10.0	0	0	0	0	0
MW-24D	14.0 - 19.0	0	0	0	0	0
MW-26D	14.0 - 19.0	0	0	0	0	0
MW-29S	5.0 - 10.0	0	10	0	0	0
MW-29D	14.0 - 19.0	0	8	0	0	0
MW-30W/W-R	2.0 - 9.0	0	27,200	883	883	883
MW-32W/W-R	2.0 - 9.0	0	74,400	5,078	5,078	5,078

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
MW-34S	2.0 - 10.0	0	49,500	8,730	8,730	8,730
MW-34I	18.5 - 19.5	0	25,600	1,463	1,463	1,463
MW-34D	27.5 - 28.5	0	16,200	444	444	444
MW-34DD	27.5 - 28.5	0	61	5	5	5
MW-37W	2.0 - 10.0	0	21	1	1	1
MW-39W	2.0 - 10.0	0	0	0	0	0
MW-45W	2.0 - 10.0	0	53,700	5,285	5,285	5,285
MW-46W/W-R	2.0 - 10.0	0	57,900	10,156	10,156	10,156
MW-64	19.0 - 24.0	0	85,000	3,420	3,374	3,374
MW-65	11.0 - 16.0	0	5,639	215	215	215
MW-66S	1.5 - 11.5	0	0	0	0	0
MW-66D	24.0 - 29.0	0	0	0	0	0
MW-67S	2.5 - 12.5	0	0	0	0	0
MW-67D	24 - 29	0	0	0	0	0
MW-68S	15.0 - 20.0	0	0	0	0	0
MW-68D	25.0 - 30.0	0	172	11	11	11
MW-70/70S	2.0 - 12.0	0	57,000	5,192	5,192	5,192
MW-73	2.0 - 12.0	0	89,000	13,977	13,752	13,752
MW-73I	22.0 - 27.0	0	8,350	912	868	868
MW-75	2.0 - 12.0	0	161,100	18,269	18,269	18,269
MW-75I	22.0 - 27.0	0	20,409	1,985	1,881	1,881
MW-76	2.0 - 12.0	0	4,560	153	153	153
MW-78	5.0 - 20.0	0	42,000	6,178	6,079	6,079
MW-79	5.0 - 20.0	0	116,000	14,889	14,649	14,649
MW-80	5.0 - 20.0	0	301,000	36,583	36,002	36,002
MW-81	5.0 - 20.0	0	65,800	13,965	13,965	13,965
MW-82	5.0 - 20.0	0	245,000	14,582	14,582	14,582
MW-83	5.0 - 20.0	0	6,761	574	574	574
MWBS-01S	5.0 - 15.0	0	151	51	51	51
MWBS-02S	5.0 - 15.0	0	5,510	177	177	177
MWBS-02I	14.5 - 15.5	0	9,998	259	259	259
MWBS-02D	24.5 - 25.5	0	17,530	477	477	477
MW-UST1	2.0 - 12.0	51	2,700	1,039	1,039	1,039
MW-UST2	2.0 - 12.0	335	3,800	1,646	1,646	1,646
MW-UST3	2.0 - 12.0	0	320	56	56	56
OU3MW-01S	3.0 - 13.0	0	43	2	2	2
OU3MW-02S	3.0 - 13.0	0	5	0	0	0
OU3MW-02I	15.0 - 20.0	0	3	0	0	0
OU3MW-03S	1.0 - 11.0	0	8,690	466	466	466
OU3MW-03I	20.0 - 25.0	0	5,630	633	633	633
OU3MW-04S	1.0 - 11.0	0	114	8	8	8
OU3MW-04I	16.0 - 21.0	0	541	60	60	60
OU3MW-04D	26.0 - 31.0	0	15,384	960	960	960
OU3MW-04D2	31.0 - 36.0	0	770	80	80	80
OU3MW-04D3	41.0 - 46.0	0	1	0	0	0
OU3MW-05S	2.0 - 12.0	0	3	0	0	0

Table 11. OU-3 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	BTEX Groundwater Concentrations (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
OU3MW-05I	15.0 - 20.0	0	364	41	41	41
OU3MW-06	3.0 - 13.0	0	32	3	3	3
OU3MW-07S	3.0 - 13.0	0	3,461	140	136	136
OU3MW-07I	15.0 - 20.0	0	4,040	224	216	216
OU3MW-07I2	20.0 - 25.0	0	10,427	986	953	953
OU3MW-07I3	25.0 - 30.0	0	12,187	590	563	563
OU3MW-07I4	35.0 - 40.0	0	0	0	0	0
OU3MW-08S	2.0 - 12.0	0	5,730	1,744	1,685	1,685
OU3MW-08I	25.0 - 30.0	0	2	0	0	0
OU3MW-09S	2.0 - 12.0	0	2,002	134	129	129
OU3MW-09I	25.0 - 30.0	313	38,700	6,986	6,819	6,819
OU3MW-09I2	35.0 - 40.0	0	73	19	19	19
OU3MW-10S	2.0 - 12.0	0	4,614	650	609	609
OU3MW-10I	25.0 - 30.0	0	900	269	263	263
OU3MW-11S	2.0 - 12.0	0	8	1	1	1
OU3MW-11I	25.0 - 30.0	0	1	0	0	0
OU3MW-12S	2.0 - 12.0	0	5	1	1	1
OU3MW-12I	25.0 - 30.0	0	0	0	0	0
OU3MW-13S	2.0 - 12.0	0	21,000	3,238	3,103	3,103
OU3MW-14S	2.0 - 12.0	0	34,200	12,895	12,895	12,895
OU3MW-15S	2.0 - 12.0	0	2,598	582	582	582
OU3MW-16S	2.0 - 12.0	18	1,187	528	534	534
OU3MW-17S	2.0 - 12.0	0	0	0	0	0
OU3MW-17I	15.0 - 20.0	0	7	1	1	1
OU3MW-17I2	25.0 - 30.0	0	5	1	1	1
OU3MW-18I	15.0 - 20.0	0	55	7	7	7
OU3MW-18I2	25.0 - 30.0	0	5	1	1	1
OU3MW-19S	2.0 - 12.0	12	6,350	1,419	1,327	1,327
OU3MW-19I	20.0 - 25.0	0	502	89	84	84
OU3MW-19I2	30.0 - 35.0	0	0	0	0	0
OU3MW-20S	2.0 - 12.0	0	85	13	12	12
OU3MW-20I	20.0 - 25.0	0	551	66	62	62
OU3MW-20I2	30.0 - 35.0	0	134	10	9	9
OU3MW-21S	2.0 - 12.0	0	0	0	0	0
OU3MW-21I	15.0 - 20.0	0	0	0	0	0
OU3MW-21I2	25.0 - 30.0	0	11	1	1	1
OU3MW-22I/IP-15A	10.0 - 15.0	0	32,200	7,940	7,218	7,218
OU3MW-22I2/IP-15B	25.0 - 30.0	0	480	60	54	54
OU3MW-23I/IP-17B	10.0 - 15.0	152	16,900	5,670	5,156	5,156
OU3MW-23I2/IP-17A	25.0 - 30.0	0	2,210	618	562	562
OU3MW-24I/IP-19A	10.0 - 15.0	3	3,530	1,038	943	943
OU3MW-24I2/IP-19B	25.0 - 30.0	0	20,120	3,897	3,545	3,545
PDMW-01	5.0 - 20.0	0	70,920	3,729	3,729	3,729
PDMW-02	5.0 - 20.0	19,500	117,600	73,549	73,549	73,549
PDMW-03	5.0 - 15.0	14,511	45,561	28,875	28,875	28,875
SV-02	2.0 - 12.0	0	92,300	6,675	6,675	6,675
SV-02I	22.0 - 27.0	0	25,765	2,602	2,602	2,602
SV-02I2	35.0 - 40.0	0	62	7	6	6
SV-03	2.0 - 12.0	0	33,200	2,245	2,245	2,245

Notes for groundwater tables are compiled at the end of the Tables in this section.

Table 12. OU-3 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)																	
		Sampling Date																	
		1992	1997		1998			1999				2000		2000		2001			
		Sep	Jun	Aug	Mar/Apr	Jun	Dec	Mar	Jun	Sep	Oct/Nov	Feb	May	Sep	Nov/Dec	Mar	Jun	Sep	Dec
BBMW-09S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-09I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-09D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	0	--	--	--	--	--	--	--	--
BBMW-28S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-28I	10.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-29	2.0 - 9.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30S	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30D	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31S	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31D	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32S	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32D	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-33	7.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-10	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-11	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-28	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-29	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AS	8.91 - 23.91	0	--	--	--	--	--	--	--	0	0	--	--	--	--	--	--	--	--
GM-02AI	35.24 - 50.24	0	--	--	--	--	--	--	--	0	0	--	--	--	--	--	--	--	--
GM-02AD	59.8 - 74.8	0	--	--	--	--	--	--	--	0	0	--	--	--	--	--	--	--	--
IO-10	6.0 - 16.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-16A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-16B	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18B	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20B	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-01S	4.0 -14.0	0	0	--	0	--	--	--	--	--	0	--	--	--	--	--	--	--	--
MW-01D	35.0 - 45.0	0	--	--	1	--	--	--	--	--	0	--	--	--	--	--	--	--	--
MW-02S/S-R	2.0 - 12.0	4,300	1,941	6,181	9,700	21,640	21,257	1,694	2,238	1,919	1,618	1,530	1,787	1,681	1,620	--	--	--	--
MW-02I/I-R	22.5 - 23.5	--	--	6,478	99	12	11	10	1	0	0	0	53	--	--	--	--	--	--
MW-03	4.94 - 14.94	--	40	--	0	--	--	--	--	--	77	--	--	--	--	--	--	--	--
MW-04	5.1 - 15.1	--	4	--	99	--	--	--	--	--	0	--	--	--	--	--	--	--	--
MW-08W	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11W	2.0 - 10.0	--	--	--	--	861	222	142	298	469	62	290	389	--	178	265	363	159	156
MW-12W	2.0 - 10.0	--	0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13W	2.0 - 10.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16W	2.0 - 10.0	--	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16SR	2.0 - 10.0	--	--	--	15,910	10,500	2,468	696	2,447	2,307	450	1,910	1,173	3,096	1,036	--	--	77	38,045
MW-16I	14.0 - 19.0	--	--	--	18	0	0	3	0	0	7	0	0	0	--	--	--	--	--
MW-17W	2.0 - 10.0	--	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24D	14.0 - 19.0	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29S	5.0 - 10.0	--	--	--	--	--	0	0	--	0	516	0	0	2	0	0	0	0	0
MW-29D	14.0 - 19.0	--	--	--	0	--	0	0	0	0	0	0	0	2	--	--	--	--	--
MW-30W/W-R	2.0 - 9.0	--	753	--	--	--	--	--	--	--	--	--	--	--	1,300	228	229	4	125
MW-32W/W-R	2.0 - 9.0	--	322	--	--	730	1,435	810	368	--	--	--	--	--	--	--	--	--	--
MW-34S	2.0 - 10.0	--	333	1,002	--	1,035	1,604	341	1,355	1,157	502	611	381	--	518	130	0	30	1
MW-34I	18.5 - 19.5	--	--	103	--	0	0	2	8	0	0	0	203	0	--	--	--	--	--

Table 12. OU-3 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)																	
		Sampling Date																	
		1992	1997		1998			1999				2000		2000		2001			
		Sep	Jun	Aug	Mar/Apr	Jun	Dec	Mar	Jun	Sep	Oct/Nov	Feb	May	Sep	Nov/Dec	Mar	Jun	Sep	Dec
MW-34D	27.5 - 28.5	--	--	10	--	0	0	0	2	0	0	0	0	2	--	--	--	--	--
MW-34DD	27.5 - 28.5	--	--	--	--	0	--	--	0	--	--	--	--	--	--	--	--	--	--
MW-37W	2.0 - 10.0	--	0	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39W	2.0 - 10.0	--	0	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45W	2.0 - 10.0	--	170	--	330	--	--	--	--	--	--	--	--	781	10	1,676	11	0	6
MW-46W/W-R	2.0 - 10.0	--	1,482	--	4,156	--	--	--	--	--	--	--	--	2,141	228	0	21	--	--
MW-64	19.0 - 24.0	--	--	--	1	0	0	12	3	0	14	0	13	97	0	14	2	--	50
MW-65	11.0 - 16.0	--	--	--	17	--	--	--	--	3	--	9	34	8	13	34	4	--	228
MW-66S	1.5 - 11.5	--	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-66D	24.0 - 29.0	--	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-67S	2.5 - 12.5	--	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-67D	24 - 29 ft	--	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-68S	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-68D	25.0 - 30.0	--	--	--	1	0	0	3	0	0	0	--	--	--	--	--	--	--	--
MW-70/70S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	1,720	84	2	1	0	4
MW-73	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-73I	22.0-27.0																		
MW-75	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	73
MW-75I	22.0-27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-76	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-78	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-79	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-80	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-81	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-82	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-83	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-01S	5.0 - 15.0	--	2	--	--	--	--	--	--	--	64	--	--	--	--	--	--	--	--
MWBS-02S	5.0 - 15.0	--	167	24	0	--	262	36	5	79	245	274	81	115	105	242	39	2	84
MWBS-02I	14.5 - 15.5	--	--	27	485	696	0	640	8	0	0	11	258	3	261	576	513	122	3
MWBS-02D	24.5 - 25.5	--	--	1	47	--	254	0	0	0	237	0	0	0	--	--	--	--	--
MW-UST1	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-UST2	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-UST3	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	1.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	1.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	16.0 - 21.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	26.0 - 31.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	31.0 - 36.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	41.0 - 46.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-06	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 12. OU-3 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)																	
		Sampling Date																	
		1992	1997		1998			1999				2000		2000		2001			
		Sep	Jun	Aug	Mar/Apr	Jun	Dec	Mar	Jun	Sep	Oct/Nov	Feb	May	Sep	Nov/Dec	Mar	Jun	Sep	Dec
OU3MW-08I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35.0-40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-10S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-10I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-13S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-14S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-15S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-16S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-18I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-18I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I/IP-15A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I2/IP-15B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I/IP-17B	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I2/IP-17A	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I/IP-19A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I2/IP-19B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-01	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-02	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-03	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02I	22.0-27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02I2	35.0-40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-03	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 12. OU-3 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)															
		Sampling Date															
		2002						2003			2004				2005		
		Jan/Feb	Mar	Apr/May	Jun/Jul	Aug/Sep	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug	Nov/Dec	Feb/Mar	Jun	Aug
BBMW-09S	5.0 - 15.0	--	--	99	--	99	53	0	0	0	0	0	0	0	0	0	0
BBMW-09I	30.0 - 40.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-09D	62.0 - 72.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-28S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	68
BBMW-28I	10.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-29	2.0 - 9.0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
BBMW-30S	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30D	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31S	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31D	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32S	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32D	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-33	7.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-10	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-11	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-28	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-29	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AS	8.91 - 23.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AI	35.24 - 50.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AD	59.8 - 74.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IO-10	6.0 - 16.0	--	--	--	--	--	--	--	--	--	786	625	0	0	937	91	350
IP-16A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-16B	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18B	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20B	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-01S	4.0 -14.0	--	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--
MW-01D	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-02S/S-R	2.0 - 12.0	1,595	1,583	1,367	10,830	6,440	2,542	1,800	1,300	1,500	2,400	2060	254	0	14	0	0
MW-02I/I-R	22.5 - 23.5	--	--	--	--	--	--	--	--	0	0	--	--	--	0	--	--
MW-03	4.94 - 14.94	--	103	85	--	89	50	0	45	--	26	19	43	19	21	34	40
MW-04	5.1 - 15.1	--	--	90	--	99	--	0	53	--	0	0	0	0	0	0	0
MW-08W	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11W	2.0 - 10.0	--	246	--	225	145	22	21	35	11	0	1729	0	110	0	10	0
MW-12W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16SR	2.0 - 10.0	6,557	3,414	1,558	2,430	6,140	214	72	590	649	0	0	1,022	2,068	3,500	3,900	3,611
MW-16I	14.0 - 19.0	--	--	--	0	--	--	--	--	0	0	--	--	--	57	--	--
MW-17W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29S	5.0 - 10.0	--	--	--	0	0	0	0	0	0	0	0	0	0	0	0	0
MW-29D	14.0 - 19.0	--	--	--	0	--	--	--	--	--	0	--	--	0	--	--	--
MW-30W/W-R	2.0 - 9.0	--	55	--	0	8	2	--	--	--	--	--	--	--	0	0	0
MW-32W/W-R	2.0 - 9.0	--	--	--	--	--	--	--	11	130	0	0	370	877	55	59	0
MW-34S	2.0 - 10.0	--	0	--	85	0	22	27	130	30	160	130	49	210	212	52	67
MW-34I	18.5 - 19.5	--	--	--	22	--	--	--	--	--	496	--	--	--	290	--	--

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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)															
		Sampling Date															
		2002						2003			2004				2005		
		Jan/Feb	Mar	Apr/May	Jun/Jul	Aug/Sep	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug	Nov/Dec	Feb/Mar	Jun	Aug
MW-34D	27.5 - 28.5	--	--	--	0	--	--	--	0	96	0	--	--	--	0	--	--
MW-34DD	27.5 - 28.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45W	2.0 - 10.0	--	--	52	2	64	0	--	49	38	170	699	65	341	723	180	424
MW-46W/W-R	2.0 - 10.0	--	--	--	--	--	380	690	264	160	647	150	589	443	1,048	972	1,200
MW-64	19.0 - 24.0	--	--	0	1	9	0	1,600	0	0	0	0	0	120	0	318	0
MW-65	11.0 - 16.0	--	--	0	0	0	38	0	65	0	37	0	0	502	0	0	0
MW-66S	1.5 - 11.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-66D	24.0 - 29.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-67S	2.5 - 12.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-67D	24 - 29 ft	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-68S	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-68D	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-70/70S	2.0 - 12.0	--	7	--	4	3	0	200	18	32	18	46	260	0	0	170	556
MW-73	2.0 - 12.0	1,471	223	213	738	1,336	280	--	940	1,557	843	1,470	1,500	1,030	956	829	1,290
MW-73I	22.0-27.0																
MW-75	2.0 - 12.0	153	93	100	2,553	2,863	58	0	1,700	1,490	60	0	387	0	22	1,350	2,890
MW-75I	22.0-27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-76	2.0 - 12.0	142	105	101	116	115	58	--	15	120	0	0	0	0	47	0	0
MW-78	5.0 - 20.0	1,439	371	278	161	735	66	550	692	958	585	707	85	22	463	1,160	493
MW-79	5.0 - 20.0	--	120	106	6,015	2,911	234	2,000	1,100	1,380	2,000	0	1,200	661	1,400	790	522
MW-80	5.0 - 20.0	1,511	88	2,316	152	1,426	53	1,100	1,178	1,700	2,500	1,600	1,390	1,370	2,400	2,200	2,300
MW-81	5.0 - 20.0	--	118	129	2,345	1,382	101	780	2,100	1,611	1,714	696	1,112	1,100	1,700	100	1,210
MW-82	5.0 - 20.0	245	138	83	2,784	3,090	49	390	570	810	733	276	19	995	233	358	488
MW-83	5.0 - 20.0	116	98	108	108	180	180	0	14	29	0	0	0	76	140	0	150
MWBS-01S	5.0 - 15.0	--	--	0	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5.0 - 15.0	--	164	--	0	0	0	0	18	24	160	75	25	0	150	41	0
MWBS-02I	14.5 - 15.5	--	4	--	2	8	0	0	--	--	0	0	0	0	0	0	0
MWBS-02D	24.5 - 25.5	--	--	--	0	--	--	0	--	--	64	--	--	--	0	--	--
MW-UST1	2.0 - 12.0	--	247	216	--	112	979	230	96	344	0	221	520	52	55	260	392
MW-UST2	2.0 - 12.0	--	263	330	--	101	53	140	357	227	0	297	500	353	621	373	361
MW-UST3	2.0 - 12.0	--	92	134	--	105	--	0	14	25	33	0	0	16	26	0	0
OU3MW-01S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	1.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	1.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	16.0 - 21.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	26.0 - 31.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	31.0 - 36.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	41.0 - 46.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-06	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 12. OU-3 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)															
		Sampling Date															
		2002						2003			2004				2005		
		Jan/Feb	Mar	Apr/May	Jun/Jul	Aug/Sep	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug	Nov/Dec	Feb/Mar	Jun	Aug
OU3MW-08I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35.0-40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-10S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-10I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-13S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-14S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-15S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-16S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-18I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-18I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I/IP-15A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I2/IP-15B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I/IP-17B	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I2/IP-17A	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I/IP-19A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I2/IP-19B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-01	5.0 - 20.0	1,538	1,432	1,431	--	--	2,188	13,000	0	0	0	0	0	71	0	0	0
PDMW-02	5.0 - 20.0	1,929	2,181	1,933	5,848	3,250	--	--	1,130	1,714	2,300	2,463	1,918	2,316	2,616	2,312	2,716
PDMW-03	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02	2.0 - 12.0	95	112	99	99	186	103	0	430	515	0	0	0	0	0	39	190
SV-02I	22.0-27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02I2	35.0-40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-03	2.0 - 12.0	332	95	108	297	279	49	190	280	548	536	272	150	130	80	33	0

Table 12. OU-3 Summary of Historical Total PAH Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)																
		Sampling Date																
		2005	2006				2007				2008				2009			
		Nov/Dec	March	Jun	Jul/Aug	Nov/Dec	March	May-Jul	Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Aug-Sep	Oct-Dec
BBMW-09S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-09I	30.0 - 40.0	--	--	--	--	--	150	--	0	--	0	--	--	--	0	--	--	--
BBMW-09D	62.0 - 72.0	--	--	--	--	--	0	--	0	--	0	--	--	--	0	--	--	--
BBMW-28S	2.0 - 12.0	0	--	--	--	--	0	0	0	0	0	0	3	0	0	0	0	0
BBMW-28I	10.0 - 20.0	0	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-29	2.0 - 9.0	170	120	37	0	0	0	252	0	0	0	0	5	0	0	0	0	0
BBMW-30S	2.0 - 10.0	--	--	--	--	--	--	0	0	0	0	--	--	--	0	--	--	0
BBMW-30I	14.0 - 19.0	--	--	--	--	--	--	0	4	0	0	--	--	--	0	--	--	3
BBMW-30D	30.0 - 35.0	--	--	--	--	--	--	0	0	0	0	--	--	--	0	--	--	0
BBMW-31S	2.0 - 10.0	--	--	--	--	--	--	0	0	0	0	--	--	--	0	--	--	0
BBMW-31I	14.0 - 19.0	--	--	--	--	--	--	0	4	0	0	--	--	--	0	--	--	0
BBMW-31D	30.0 - 35.0	--	--	--	--	--	--	0	0	0	0	--	--	--	0	--	--	0
BBMW-32S	2.0 - 10.0	--	--	--	--	--	--	0	1	1	0	--	--	--	0	--	--	3
BBMW-32I	14.0 - 19.0	--	--	--	--	--	--	0	0	0	0	--	--	--	0	--	--	0
BBMW-32D	30.0 - 35.0	--	--	--	--	--	--	0	0	0	0	--	--	--	0	--	--	0
BBMW-33	7.0 - 12.0	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BW-UST-10	5.0 - 10.0	--	--	--	--	0	0	0	69	0	0	0	0	0	0	0	0	0
BW-UST-11	5.0 - 10.0	--	--	--	--	0	0	0	68	0	2	1	0	0	0	0	0	0
BW-UST-28	5.0 - 10.0	--	--	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0
BW-UST-29	5.0 - 10.0	--	--	--	--	--	--	0	0	0	0	0	3	0	0	0	0	0
GM-02AS	8.91 - 23.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AI	35.24 - 50.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AD	59.8 - 74.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IO-10	6.0 - 16.0	0	0	0	0	0	100	0	0	18	0	4	0	0	0	0	0	0
IP-16A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-16B	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18B	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20B	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-01S	4.0 -14.0	0	--	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MW-01D	35.0 - 45.0	--	--	0	263	0	0	0	0	0	0	--	--	--	0	0	0	
MW-02S/S-R	2.0 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
MW-02I/I-R	22.5 - 23.5	--	0	--	--	--	0	0	0	0	0	0	0	0	0	0	--	--
MW-03	4.94 - 14.94	57	0	28	35	34	35	11	56	0	12	0	0	28	0	0	82	16
MW-04	5.1 - 15.1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
MW-08W	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11W	2.0 - 10.0	27	15	18	0	19	0	0	5	1	2	0	0	0	0	0	0	1
MW-12W	2.0 - 10.0	--	--	--	--	--	0	0	0	0	0	0	3	0	0	0	0	0
MW-13W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16SR	2.0 - 10.0	1,280	2,183	1,870	1,056	676	842	232	280	579	922	355	552	104	28	143	--	--
MW-16I	14.0 - 19.0	--	0	--	--	--	0	44	0	0	0	0	0	0	0	0	--	--
MW-17W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	3	0	0	0	0	0	--	--
MW-29S	5.0 - 10.0	0	0	0	0	0	0	0	0	0	0	--	--	--	0	0	0	0
MW-29D	14.0 - 19.0	0	--	--	--	--	0	0	0	0	0	--	--	--	0	0	0	0
MW-30W/W-R	2.0 - 9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MW-32W/W-R	2.0 - 9.0	180	110	89	98	100	97	45	47	105	123	38	12	0	3	6	4	4
MW-34S	2.0 - 10.0	110	461	397	210	140	150	68	110	402	81	186	51	42	83	105	17	0
MW-34I	18.5 - 19.5	--	0	--	--	--	0	0	0	124	12	0	0	0	0	0	0	0

Table 12. OU-3 Summary of Historical Total PAH Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)																
		Sampling Date																
		2005	2006				2007				2008				2009			
		Nov/Dec	March	Jun	Jul/Aug	Nov/Dec	March	May-Jul	Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Aug-Sep	Oct-Dec
MW-34D	27.5 - 28.5	--	0	--	--	--	0	0	0	6	0	0	0	0	0	0	0	0
MW-34DD	27.5 - 28.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45W	2.0 - 10.0	561	895	74	40	233	0	0	10	9	0	0	0	0	10	153	60	0
MW-46W/W-R	2.0 - 10.0	1,045	544	50	233	192	37	71	47	74	102	24	0	39	39	60	31	10
MW-64	19.0 - 24.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	3	0
MW-65	11.0 - 16.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MW-66S	1.5 - 11.5	--	--	--	--	--	0	0	0	1	0	0	0	0	0	0	0	0
MW-66D	24.0 - 29.0	--	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0	0
MW-67S	2.5 - 12.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-67D	24 - 29 ft	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-68S	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-68D	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	--	--	--
MW-70/70S	2.0 - 12.0	57	91	0	11	13	0	0	10	13	39	25	96	22	14	8	13	0
MW-73	2.0 - 12.0	1,800	575	669	1,100	545	497	345	495	1,189	444	105	1	0	97	1,308	1,295	480
MW-73I	22.0-27.0																	
MW-75	2.0 - 12.0	384	100	56	55	0	0	0	180	47	0	0	1,024	0	1	101	1,667	30
MW-75I	22.0-27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-76	2.0 - 12.0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MW-78	5.0 - 20.0	0	445	493	616	0	0	46	40	31	0	0	0	0	0	191	0	0
MW-79	5.0 - 20.0	104	281	103	41	0	140	0	0	0	90	1	6	0	13	0	0	3
MW-80	5.0 - 20.0	1,080	1,200	694	258	1,480	831	601	884	1,173	277	509	790	701	522	568	79	467
MW-81	5.0 - 20.0	434	487	274	2,700	807	1,068	448	1,130	1,508	480	0	50	4	19	0	0	1,306
MW-82	5.0 - 20.0	1,571	1,140	837	1,137	150	234	286	127	306	0	1	0	448	0	0	2	72
MW-83	5.0 - 20.0	25	0	0	230	0	0	0	0	2	0	0	1	0	0	0	0	0
MWBS-01S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5.0 - 15.0	0	0	0	0	0	0	0	0	0	0	7	0	0	3	1	7	13
MWBS-02I	14.5 - 15.5	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
MWBS-02D	24.5 - 25.5	--	16	--	--	--	22	0	0	0	0	0	0	0	0	0	0	0
MW-UST1	2.0 - 12.0	373	140	520	541	260	358	363	239	140	--	--	--	--	--	--	--	--
MW-UST2	2.0 - 12.0	208	265	457	227	120	155	59	450	550	--	--	--	--	--	--	--	--
MW-UST3	2.0 - 12.0	0	0	12	0	0	0	0	0	0	--	--	--	--	--	--	--	--
OU3MW-01S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-02S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-02I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-03S	1.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	0
OU3MW-03I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-04S	1.0 - 11.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	19	21
OU3MW-04I	16.0 - 21.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9	0
OU3MW-04D	26.0 - 31.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-04D2	31.0 - 36.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	41.0 - 46.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
OU3MW-05I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
OU3MW-06	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-07S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	35.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)																
		Sampling Date																
		2005	2006				2007				2008				2009			
		Nov/Dec	March	Jun	Jul/Aug	Nov/Dec	March	May-Jul	Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Aug-Sep	Oct-Dec
OU3MW-08I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35.0-40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-10S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-10I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12I	25.0-30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-13S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-14S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-15S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-16S	2.0-12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-17I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-18I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-18I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-21I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I/IP-15A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I2/IP-15B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I/IP-17B	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I2/IP-17A	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I/IP-19A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I2/IP-19B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-01	5.0 - 20.0	0	0	0	0	0	0	0	0	1,464	0	0	2	0	0	0	--	0
PDMW-02	5.0 - 20.0	2,416	2,013	2,420	2,119	3,022	2,716	2,520	1,241	1,976	3,025	2,226	1,934	1,950	2,797	3,206	--	--
PDMW-03	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	1,721	1,619	2,100	2,108	--	--
SV-02	2.0 - 12.0	324	0	0	35	0	0	0	133	0	0	3	0	0	0	0	669	0
SV-02I	22.0-27.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02I2	35.0-40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-03	2.0 - 12.0	0	96	57	0	0	17	0	31	72	17	0	0	0	0	0	1	0

Table 12. OU-3 Summary of Historical Total PAH Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)															
		Sampling Date															
		2010				2011				2012				2013			
		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Mar-Apr	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
BBMW-09S	5.0 - 15.0	0	0	0	0	1	--	--	--	0	--	--	--	--	--	--	--
BBMW-09I	30.0 - 40.0	0	--	--	--	0	--	--	--	0	--	--	--	--	--	--	--
BBMW-09D	62.0 - 72.0	0	--	--	--	0	--	--	--	0	--	--	--	--	--	--	--
BBMW-28S	2.0 - 12.0	0	0	0	0	0	0	--	0	0	0	0	0	0	0	0	0
BBMW-28I	10.0 - 20.0	0	0	0	0	0	7	--	0	0	0	0	0	0	0	0	0
BBMW-29	2.0 - 9.0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0
BBMW-30S	2.0 - 10.0	0	0	0	0	0	0	0	0	4	0	0	--	0	0	--	--
BBMW-30I	14.0 - 19.0	0	0	0	0	0	0	0	0	0	1	5	--	0	0	--	--
BBMW-30D	30.0 - 35.0	0	0	0	0	0	0	0	0	0	0	2	--	0	0	--	--
BBMW-31S	2.0 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-31I	14.0 - 19.0	2	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-31D	30.0 - 35.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BBMW-32S	2.0 - 10.0	0	0	0	1	0	0	0	0	0	0	0	--	0	0	--	--
BBMW-32I	14.0 - 19.0	0	0	0	0	0	0	0	0	0	0	0	--	0	0	--	--
BBMW-32D	30.0 - 35.0	0	0	0	0	0	0	0	0	0	0	0	--	0	0	--	--
BBMW-33	7.0 - 12.0	0	0	0	0	0	0	--	0	0	0	0	0	0	0	0	0
BW-UST-10	5.0 - 10.0	0	0	0	0	0	--	--	--	0	--	--	--	--	--	--	--
BW-UST-11	5.0 - 10.0	0	0	0	0	0	--	--	--	16	--	--	--	--	--	--	--
BW-UST-28	5.0 - 10.0	0	0	0	0	0	--	--	--	0	--	--	--	--	--	--	--
BW-UST-29	5.0 - 10.0	0	0	0	0	0	--	--	--	0	--	--	--	--	--	--	--
GM-02AS	8.91 - 23.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AI	35.24 - 50.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AD	59.8 - 74.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IO-10	6.0 - 16.0	0	0	102	0	992	1,285	682	689	704	876	0	0	0	0	0	4
IP-16A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-16B	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-18B	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20A	14.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IP-20B	24.0 -25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-01S	4.0 -14.0	0	0	0	0	0	--	--	--	0	--	--	--	--	--	--	--
MW-01D	35.0 - 45.0	0	--	--	--	0	--	--	--	0	--	--	--	--	--	--	--
MW-02S/S-R	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-02I/I-R	22.5 - 23.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	4.94 - 14.94	0	62	0	0	3	--	--	--	6	--	--	--	--	--	--	--
MW-04	5.1 - 15.1	0	0	0	0	0	--	--	--	0	--	--	--	--	--	--	--
MW-08W	5.0 - 10.0	--	--	--	--	--	--	--	--	0	--	--	--	--	--	--	--
MW-11W	2.0 - 10.0	0	0	0	0	0	0	0	1	2	8	37	38	3	0	0	--
MW-12W	2.0 - 10.0	0	0	0	0	0	0	0	0	0	47	0	0	7	52	0	0
MW-13W	2.0 - 10.0	--	--	--	--	--	0	0		0	--	--	--	--	0	0	0
MW-16W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16SR	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24D	14.0 - 19.0	--	--	--	--	--	--	--	--	0	--	--	--	--	--	--	--
MW-26D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29S	5.0 - 10.0	0	0	--	--	0	--	--	--	0	--	--	--	--	--	--	--
MW-29D	14.0 - 19.0	0	0	--	--	0	--	--	--	0	--	--	--	--	--	--	--
MW-30W/W-R	2.0 - 9.0	0	0	0	0	0	0	0	0	0	1	0	--	0	0	0	0
MW-32W/W-R	2.0 - 9.0	0	0	0	0	0	0	29	39	14	3	0	16	0	0	0	0
MW-34S	2.0 - 10.0	15	14	49	702	112	78	229	179	284	196	120	134	0	0	0	0
MW-34I	18.5 - 19.5	0	0	247	0	150	234	832	598	869	696	8	23	0	7	1	0

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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)															
		Sampling Date															
		2010				2011				2012				2013			
		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Mar-Apr	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
MW-34D	27.5 - 28.5	0	0	0	0	0	0	306	290	40	281	82	0	0	11	0	37
MW-34DD	27.5 - 28.5	--	--	--	--	--	--	--	--	0	--	--	0	--	0	0	0
MW-37W	2.0 - 10.0	--	--	--	--	--	0	0	0	0	0	0	0	0	0	3	0
MW-39W	2.0 - 10.0	--	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0
MW-45W	2.0 - 10.0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MW-46W/W-R	2.0 - 10.0	19	3	173	168	195	103	92	51	27	95	3	1	0	0	0	2
MW-64	19.0 - 24.0	0	0	284	806	1,067	995	1,183	516	500	2,199	2,168	1,134	648	370	267	0
MW-65	11.0 - 16.0	0	0	0	0	0	0	0	1,415	1,268	299	208	201	76	3	20	57
MW-66S	1.5 - 11.5	0	0	0	0	0	0	0	0	0	0	0	--	0	0	--	0
MW-66D	24.0 - 29.0	0	0	0	0	0	0	0	0	0	0	0	--	0	0	--	0
MW-67S	2.5 - 12.5	--	--	--	--	--	--	--	--	0	--	--	--	--	0	--	0
MW-67D	24 - 29 ft	--	--	--	--	--	--	--	--	0	--	--	--	--	0	--	0
MW-68S	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0
MW-68D	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0	0
MW-70/70S	2.0 - 12.0	25	2	102	179	182	222	319	257	295	243	264	40	1	0	0	1
MW-73	2.0 - 12.0	588	1,169	234	19	37	190	175	171	16	183	123	89	31	92	5	0
MW-73I	22.0-27.0					--	--	698	131	96	134	120	130	80	95	124	0
MW-75	2.0 - 12.0	38	0	2,178	435	0	0	765	10	0	0	395	114	1	0	0	0
MW-75I	22.0-27.0	--	--	--	--	--	--	656	656	3,289	469	670	837	230	105	176	8
MW-76	2.0 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MW-78	5.0 - 20.0	0	--	0	36	58	0	37	155	264	1	527	476	176	744	743	4
MW-79	5.0 - 20.0	0	0	0	675	32	0	623	6	443	5	1,206	838	246	894	474	0
MW-80	5.0 - 20.0	11	321	841	677	215	0	640	14	79	487	229	275	223	121	188	0
MW-81	5.0 - 20.0	59	697	547	236	86	0	463	5	126	563	850	784	27	107	205	0
MW-82	5.0 - 20.0	0	48	33	209	50	0	326	182	522	319	0	341	74	74	180	0
MW-83	5.0 - 20.0	0	0	0	0	11	7	23	0	242	249	5	78	0	6	0	0
MWBS-01S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5.0 - 15.0	122	45	33	0	0	0	0	0	88	31	2	0	0	0	0	0
MWBS-02I	14.5 - 15.5	0	0	0	0	0	0	0	0	5	5	14	14	0	0	0	8
MWBS-02D	24.5 - 25.5	0	0	0	0	0	0	0	0	0	174	160	3	0	0	0	0
MW-UST1	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-UST2	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-UST3	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3.0 - 13.0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
OU3MW-02S	3.0 - 13.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-02I	15.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-03S	1.0 - 11.0	0	0	0	0	34	160	17	100	110	35	28	12	19	0	0	0
OU3MW-03I	20.0 - 25.0	0	6	0	0	40	57	368	33	13	28	252	21	0	611	5	209
OU3MW-04S	1.0 - 11.0	0	0	0	8	69	25	0	0	0	1	0	0	0	0	0	0
OU3MW-04I	16.0 - 21.0	0	30	44	0	0	2	24	15	0	0	0	0	0	0	0	0
OU3MW-04D	26.0 - 31.0	0	0	0	0	0	0	32	690	297	134	804	402	0	26	0	0
OU3MW-04D2	31.0 - 36.0	--	--	--	--	--	--	--	--	0	6	195	126	0	1	0	0
OU3MW-04D3	41.0 - 46.0	--	--	--	--	--	--	--	--	0	0	0	0	0	0	0	0
OU3MW-05S	2.0 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-05I	15.0 - 20.0	0	0	0	0	6	12	0	0	0	0	3	7	10	156	29	0
OU3MW-06	3.0 - 13.0	0	0	10	0	0	3	0	0	0	0	0	0	0	0	0	0
OU3MW-07S	3.0 - 13.0	527	36	13	5	0	1	0	0	0	0	0	0	0	0	0	0
OU3MW-07I	15.0 - 20.0	0	0	0	0	73	21	0	0	0	77	1	86	0	0	0	0
OU3MW-07I2	20.0 - 25.0	0	0	0	0	91	654	695	257	1,020	517	6	5	1	1	79	0
OU3MW-07I3	25.0 - 30.0	--	--	--	--	--	--	--	--	1,800	0	3	0	0	3	0	0
OU3MW-07I4	35.0 - 40.0	--	--	--	--	--	--	--	--	0	0	0	0	0	0	0	0
OU3MW-08S	2.0-12.0	--	--	--	297	449	0	855	0	376	360	206	153	397	28	285	468

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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)															
		Sampling Date															
		2010				2011				2012				2013			
		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Mar-Apr	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
OU3MW-08I	25.0-30.0	--	--	--	0	0	0	0	0	0	2	0	--	--	0	--	--
OU3MW-09S	2.0-12.0	--	--	--	345	0	0	61	3	0	0	4	8	0	0	0	0
OU3MW-09I	25.0-30.0	--	--	--	1,453	1,528	1,207	1,765	1,973	1,263	331	259	525	267	283	184	121
OU3MW-09I2	35.0-40.0	--	--	--		--	--	0	2	3	2	4	2	2	9	2	2
OU3MW-10S	2.0-12.0	--	--	--	417	240	225	123	0	42	51	16	3	0	0	0	0
OU3MW-10I	25.0-30.0	--	--	--	0	0	0	0	30	116	28	85	79	0	120	121	105
OU3MW-11S	2.0-12.0	--	--	--	0	0	0	0	0	2	0	0	--	--	0	--	--
OU3MW-11I	25.0-30.0	--	--	--	0	0	0	0	0	0	0	0	--	--	0	--	--
OU3MW-12S	2.0-12.0	--	--	--	0	0	0	0	0	0	0	0	--	--	0	--	--
OU3MW-12I	25.0-30.0	--	--	--	0	0	0	0	0	0	0	0	--	--	0	--	--
OU3MW-13S	2.0-12.0	--	--	--	--	--	--	117	55	1,244	13	268	720	600	662	262	0
OU3MW-14S	2.0-12.0	--	--	--	--	--	--	785	579	641	660	612	661	413	380	778	3
OU3MW-15S	2.0-12.0	--	--	--	--	--	--	377	113	19	0	277	260	4	12	282	3
OU3MW-16S	2.0-12.0	--	--	--	--	--	--	9	110	140	220	191	120	263	161	0	8
OU3MW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
OU3MW-17I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
OU3MW-17I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0	0
OU3MW-18I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	52	2	1
OU3MW-18I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	3	0	0
OU3MW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	640	1,004
OU3MW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	17	61
OU3MW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	23	11
OU3MW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	310	421
OU3MW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	6
OU3MW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-21I	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	0
OU3MW-21I2	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0	14
OU3MW-22I/IP-15A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-22I2/IP-15B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I/IP-17B	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-23I2/IP-17A	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I/IP-19A	10.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-24I2/IP-19B	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-01	5.0 - 20.0	0	0	0	0	0	4	0	0	0	0	0	--	--	0	--	--
PDMW-02	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-03	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02	2.0 - 12.0	0	0	770	0	0	0	6	1	1	0	9	0	0	0	0	0
SV-02I	22.0-27.0	--	--	--	--	--	--	1,075	133	104	618	626	1,688	386	68	51	3
SV-02I2	35.0-40.0	--	--	--	--	--	--	0	0	0	5	5	0	0	0	0	0
SV-03	2.0 - 12.0	0	0	0	1	0	0	0	6	11	17	39	8	6	1	6	5

Table 12. OU-3 Summary of Historical Total PAH Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)													
		Sampling Date													
		2014				2015				2016				2017	
		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
BBMW-09S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-09I	30.0 - 40.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-09D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-28S	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
BBMW-28I	10.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
BBMW-29	2.0 - 9.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
BBMW-30S	2.0 - 10.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30I	14.0 - 19.0	--	3	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-30D	30.0 - 35.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-31S	2.0 - 10.0	0	0	0	1	0	0	--	--	--	0	--	--	--	--
BBMW-31I	14.0 - 19.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
BBMW-31D	30.0 - 35.0	0	0	0	2	0	0	--	--	--	0	--	--	--	--
BBMW-32S	2.0 - 10.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32I	14.0 - 19.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-32D	30.0 - 35.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-33	7.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
BW-UST-10	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-11	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-28	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BW-UST-29	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AS	8.91 - 23.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AI	35.24 - 50.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-02AD	59.8 - 74.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
IO-10	6.0 - 16.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
IP-16A	14.0 - 15.0	--	--	--	--	--	--	1	0	0	0	4	0	0	0
IP-16B	24.0 -25.0	--	--	--	--	--	--	43	2	0	16	0	0	0	5
IP-18A	14.0 - 15.0	--	--	--	--	--	--	0	0	0	0	0	0	--	0
IP-18B	24.0 -25.0	--	--	--	--	--	--	0	0	0	0	12	0	0	0
IP-20A	14.0 - 15.0	--	--	--	--	--	--	17	0	0	284	5	0	0	2
IP-20B	24.0 -25.0	--	--	--	--	--	--	95	0	220	27	0	0	26	41
MW-01S	4.0 -14.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-01D	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-02S/S-R	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-02I/I-R	22.5 - 23.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-03	4.94 - 14.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04	5.1 - 15.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08W	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11W	2.0 - 10.0	2	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-12W	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-13W	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-16W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16SR	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16I	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17W	2.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29S	5.0 - 10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29D	14.0 - 19.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30W/W-R	2.0 - 9.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-32W/W-R	2.0 - 9.0	0	0	0	2	0	0	--	--	--	0	--	--	--	--
MW-34S	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-34I	18.5 - 19.5	26	0	0	0	0	0	--	--	--	0	--	--	--	--

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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)													
		Sampling Date													
		2014				2015				2016				2017	
		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
MW-34D	27.5 - 28.5	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-34DD	27.5 - 28.5	0	0	0	0	0	0	--	--	--	12	--	--	--	--
MW-37W	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-39W	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-45W	2.0 - 10.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-46W/W-R	2.0 - 10.0	0	0	0	0	0	0	--	--	--	11	--	--	--	--
MW-64	19.0 - 24.0	598	193	22	563	39	4	312	0	0	4	0	0	15	6
MW-65	11.0 - 16.0	24	22	23	20	27	1	10	0	14	8	--	--	--	--
MW-66S	1.5 - 11.5	0	0	0	0	--	0	--	--	--	0	--	--	--	--
MW-66D	24.0 - 29.0	0	0	0	0	--	0	--	--	--	0	--	--	--	--
MW-67S	2.5 - 12.5	0	0	0	0	1	0	--	--	--	0	--	--	--	--
MW-67D	24 - 29 ft	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-68S	15.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-68D	25.0 - 30.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-70/70S	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-73	2.0 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MW-73I	22.0-27.0	0	0	0	2	0	0	0	0	0	0	--	--	--	0
MW-75	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-75I	22.0-27.0	10	3	0	0	0	0	0	--	--	0	--	--	--	0
MW-76	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-78	5.0 - 20.0	0	0	3	0	0	0	0	0	0	0	0	0	0	2
MW-79	5.0 - 20.0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
MW-80	5.0 - 20.0	11	0	24	0	0	6	56	0	0	0	0	0	0	0
MW-81	5.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-82	5.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-83	5.0 - 20.0	7	3	7	24	0	0	2	5	0	8	--	--	--	--
MWBS-01S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5.0 - 15.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MWBS-02I	14.5 - 15.5	0	0	0	0	0	15	--	--	--	0	--	--	--	--
MWBS-02D	24.5 - 25.5	0	0	0	0	0	0	--	--	--	0	--	--	--	--
MW-UST1	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-UST2	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-UST3	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3.0 - 13.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-02S	3.0 - 13.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-02I	15.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-03S	1.0 - 11.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-03I	20.0 - 25.0	1	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-04S	1.0 - 11.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-04I	16.0 - 21.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-04D	26.0 - 31.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-04D2	31.0 - 36.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-04D3	41.0 - 46.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-05S	2.0 - 12.0	0	0	0	0	1	0	--	--	--	0	--	--	--	--
OU3MW-05I	15.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-06	3.0 - 13.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-07S	3.0 - 13.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-07I	15.0 - 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-07I2	20.0 - 25.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-07I3	25.0 - 30.0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
OU3MW-07I4	35.0 - 40.0	0	0	0	0	0	0	0	--	0	0	0	0	0	0
OU3MW-08S	2.0-12.0	383	247	217	155	227	0	194	195	61	71	323	123	121	82

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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)													
		Sampling Date													
		2014				2015				2016				2017	
		Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
OU3MW-08I	25.0-30.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2.0-12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-09I	25.0-30.0	123	55	101	154	308	60	121	184	57	256	135	150	132	214
OU3MW-09I2	35.0-40.0	1	1	0	1	2	1	0	--	--	0	--	--	--	2
OU3MW-10S	2.0-12.0	0	0	--	--	--	--	--	--	--	--	--	--	--	0
OU3MW-10I	25.0-30.0	97	132	44	48	102	62	29	12	56	--	14	3	9	22
OU3MW-11S	2.0-12.0	--	4	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-11I	25.0-30.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12S	2.0-12.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-12I	25.0-30.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-13S	2.0-12.0	0	89	0	0	77	5	0	0	0	0	0	22	0	0
OU3MW-14S	2.0-12.0	2	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-15S	2.0-12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-16S	2.0-12.0	61	94	334	486	204	45	8	211	142	261	122	55	72	121
OU3MW-17S	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-17I	15.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-17I2	25.0 - 30.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-18I	15.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-18I2	25.0 - 30.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-19S	2.0 - 12.0	308	--	716	27	48	73	59	29	20	33	11	0	7	7
OU3MW-19I	20.0 - 25.0	0	--	0	4	17	2	0	0	0	0	0	0	0	0
OU3MW-19I2	30.0 - 35.0	0	--	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-20S	2.0 - 12.0	1	2	4	11	0	0	6	0	0	0	1	0	0	1
OU3MW-20I	20.0 - 25.0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
OU3MW-20I2	30.0 - 35.0	0	0	102	2	0	0	0	0	0	0	0	0	0	0
OU3MW-21S	2.0 - 12.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-21I	15.0 - 20.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-21I2	25.0 - 30.0	0	0	0	0	0	0	--	--	--	0	--	--	--	--
OU3MW-22I/IP-15A	10.0 - 15.0	--	--	--	--	--	379	22	0	0	0	0	0	0	0
OU3MW-22I2/IP-15B	25.0 - 30.0	--	--	--	--	--	3	0	0	0	0	0	0	--	0
OU3MW-23I/IP-17B	10.0 - 15.0	--	--	--	--	--	388	42	179	19	36	63	4	29	4
OU3MW-23I2/IP-17A	25.0 - 30.0	--	--	--	--	--	132	21	12	0	--	0	0	0	0
OU3MW-24I/IP-19A	10.0 - 15.0	--	--	--	--	--	165	1	1	3	2	1	0	0	0
OU3MW-24I2/IP-19B	25.0 - 30.0	--	--	--	--	--	300	255	0	16	0	18	0	0	0
PDMW-01	5.0 - 20.0	--	0	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-02	5.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PDMW-03	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SV-02	2.0 - 12.0	0	0	0	0	0	0	--	--	--	--	--	--	--	--
SV-02I	22.0-27.0	0	0	109	23	0	0	6	1	0	0	0	0	0	--
SV-02I2	35.0-40.0	0	0	0	0	0	6	--	--	--	0	--	--	--	0
SV-03	2.0 - 12.0	0	0	1	3	0	0	--	--	--	0	--	--	--	--

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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
BBMW-09S	5.0 - 15.0	0	99	7	7	7
BBMW-09I	30.0 - 40.0	0	150	17	17	17
BBMW-09D	62.0 - 72.0	0	0	0	0	0
BBMW-28S	2.0 - 12.0	0	68	2	2	2
BBMW-28I	10.0 - 20.0	0	7	0	0	0
BBMW-29	2.0 - 9.0	0	252	14	14	14
BBMW-30S	2.0 - 10.0	0	4	0	0	0
BBMW-30I	14.0 - 19.0	0	5	1	1	1
BBMW-30D	30.0 - 35.0	0	2	0	0	0
BBMW-31S	2.0 - 10.0	0	1	0	0	0
BBMW-31I	14.0 - 19.0	0	12	1	1	1
BBMW-31D	30.0 - 35.0	0	2	0	0	0
BBMW-32S	2.0 - 10.0	0	3	0	0	0
BBMW-32I	14.0 - 19.0	0	0	0	0	0
BBMW-32D	30.0 - 35.0	0	0	0	0	0
BBMW-33	7.0 - 12.0	0	0	0	0	0
BW-UST-10	5.0 - 10.0	0	69	4	4	4
BW-UST-11	5.0 - 10.0	0	68	5	5	5
BW-UST-28	5.0 - 10.0	0	0	0	0	0
BW-UST-29	5.0 - 10.0	0	3	0	0	0
GM-02AS	8.91 - 23.91	0	0	0	0	0
GM-02AI	35.24 - 50.24	0	0	0	0	0
GM-02AD	59.8 - 74.8	0	0	0	0	0
IO-10	6.0 - 16.0	0	1,285	175	175	175
IP-16A	14.0 - 15.0	0	4	1	1	1
IP-16B	24.0 -25.0	0	43	9	8	8
IP-18A	14.0 - 15.0	0	0	0	0	0
IP-18B	24.0 -25.0	0	12	2	2	2
IP-20A	14.0 - 15.0	0	284	44	38	38
IP-20B	24.0 -25.0	0	220	53	51	51
MW-01S	4.0 -14.0	0	1	0	0	0
MW-01D	35.0 - 45.0	0	263	16	16	16
MW-02S/S-R	2.0 - 12.0	0	21,640	2,517	2,517	2,517
MW-02I/I-R	22.5 - 23.5	0	6,478	278	278	278
MW-03	4.94 - 14.94	0	103	30	30	30
MW-04	5.1 - 15.1	0	99	9	9	9
MW-08W	5.0 - 10.0	0	0	0	0	0
MW-11W	2.0 - 10.0	0	861	75	75	75
MW-12W	2.0 - 10.0	0	52	3	3	3
MW-13W	2.0 - 10.0	0	0	0	0	0
MW-16W	2.0 - 10.0	3	3	3	3	3
MW-16SR	2.0 - 10.0	0	38,045	2,885	2,885	2,885
MW-16I	14.0 - 19.0	0	57	5	5	5
MW-17W	2.0 - 10.0	11	11	11	11	11
MW-24D	14.0 - 19.0	0	1	0	0	0
MW-26D	14.0 - 19.0	0	3	1	1	1
MW-29S	5.0 - 10.0	0	516	12	12	12
MW-29D	14.0 - 19.0	0	2	0	0	0
MW-30W/W-R	2.0 - 9.0	0	1,300	52	52	52
MW-32W/W-R	2.0 - 9.0	0	1,435	117	117	117
MW-34S	2.0 - 10.0	0	1,604	217	217	217
MW-34I	18.5 - 19.5	0	869	101	101	101

Table 12. OU-3 Summary of Historical Total PAH Groundwater Analytical Results
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
MW-34D	27.5 - 28.5	0	306	23	23	23
MW-34DD	27.5 - 28.5	0	12	1	1	1
MW-37W	2.0 - 10.0	0	3	0	0	0
MW-39W	2.0 - 10.0	0	0	0	0	0
MW-45W	2.0 - 10.0	0	1,676	119	119	119
MW-46W/W-R	2.0 - 10.0	0	4,156	318	318	318
MW-64	19.0 - 24.0	0	2,199	218	215	215
MW-65	11.0 - 16.0	0	1,415	71	71	71
MW-66S	1.5 - 11.5	0	1	0	0	0
MW-66D	24.0 - 29.0	0	2	0	0	0
MW-67S	2.5 - 12.5	0	1	0	0	0
MW-67D	24 - 29 ft	0	0	0	0	0
MW-68S	15.0 - 20.0	0	0	0	0	0
MW-68D	25.0 - 30.0	0	3	0	0	0
MW-70/70S	2.0 - 12.0	0	1,720	94	94	94
MW-73	2.0 - 12.0	0	1,800	471	464	464
MW-73I	22.0-27.0	0	698	81	77	77
MW-75	2.0 - 12.0	0	2,890	375	375	375
MW-75I	22.0-27.0	0	3,289	395	374	374
MW-76	2.0 - 12.0	0	142	15	15	15
MW-78	5.0 - 20.0	0	1,439	227	223	223
MW-79	5.0 - 20.0	0	6,015	437	430	430
MW-80	5.0 - 20.0	0	2,500	642	632	632
MW-81	5.0 - 20.0	0	2,700	576	576	576
MW-82	5.0 - 20.0	0	3,090	356	356	356
MW-83	5.0 - 20.0	0	249	36	36	36
MWBS-01S	5.0 - 15.0	0	64	22	22	22
MWBS-02S	5.0 - 15.0	0	274	40	40	40
MWBS-02I	14.5 - 15.5	0	696	54	54	54
MWBS-02D	24.5 - 25.5	0	254	20	20	20
MW-UST1	2.0 - 12.0	0	979	289	289	289
MW-UST2	2.0 - 12.0	0	621	281	281	281
MW-UST3	2.0 - 12.0	0	134	21	21	21
OU3MW-01S	3.0 - 13.0	0	1	0	0	0
OU3MW-02S	3.0 - 13.0	0	0	0	0	0
OU3MW-02I	15.0 - 20.0	0	0	0	0	0
OU3MW-03S	1.0 - 11.0	0	160	21	21	21
OU3MW-03I	20.0 - 25.0	0	611	66	66	66
OU3MW-04S	1.0 - 11.0	0	69	6	6	6
OU3MW-04I	16.0 - 21.0	0	44	5	5	5
OU3MW-04D	26.0 - 31.0	0	804	95	95	95
OU3MW-04D2	31.0 - 36.0	0	195	22	22	22
OU3MW-04D3	41.0 - 46.0	0	0	0	0	0
OU3MW-05S	2.0 - 12.0	0	1	0	0	0
OU3MW-05I	15.0 - 20.0	0	156	9	9	9
OU3MW-06	3.0 - 13.0	0	10	1	1	1
OU3MW-07S	3.0 - 13.0	0	527	20	19	19
OU3MW-07I	15.0 - 20.0	0	86	9	9	9
OU3MW-07I2	20.0 - 25.0	0	1,020	115	111	111
OU3MW-07I3	25.0 - 30.0	0	1,800	86	82	82
OU3MW-07I4	35.0 - 40.0	0	0	0	0	0
OU3MW-08S	2.0-12.0	0	855	238	232	232

Table 12. OU-3 Summary of Historical Total PAH Groundwater Analytical Results
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Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentrations (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
OU3MW-08I	25.0-30.0	0	2	0	0	0
OU3MW-09S	2.0-12.0	0	345	16	16	16
OU3MW-09I	25.0-30.0	55	1,973	500	489	489
OU3MW-09I2	35.0-40.0	0	9	2	2	2
OU3MW-10S	2.0-12.0	0	417	74	70	70
OU3MW-10I	25.0-30.0	0	132	52	51	51
OU3MW-11S	2.0-12.0	0	4	1	1	1
OU3MW-11I	25.0-30.0	0	0	0	0	0
OU3MW-12S	2.0-12.0	0	0	0	0	0
OU3MW-12I	25.0-30.0	0	0	0	0	0
OU3MW-13S	2.0-12.0	0	1,244	180	172	172
OU3MW-14S	2.0-12.0	0	785	324	324	324
OU3MW-15S	2.0-12.0	0	377	79	79	79
OU3MW-16S	2.0-12.0	0	486	144	143	143
OU3MW-17S	2.0 - 12.0	0	0	0	0	0
OU3MW-17I	15.0 - 20.0	0	0	0	0	0
OU3MW-17I2	25.0 - 30.0	0	0	0	0	0
OU3MW-18I	15.0 - 20.0	0	52	6	6	6
OU3MW-18I2	25.0 - 30.0	0	3	0	0	0
OU3MW-19S	2.0 - 12.0	0	1,004	213	199	199
OU3MW-19I	20.0 - 25.0	0	61	7	7	7
OU3MW-19I2	30.0 - 35.0	0	0	0	0	0
OU3MW-20S	2.0 - 12.0	0	23	4	4	4
OU3MW-20I	20.0 - 25.0	0	421	49	46	46
OU3MW-20I2	30.0 - 35.0	0	102	7	7	7
OU3MW-21S	2.0 - 12.0	0	0	0	0	0
OU3MW-21I	15.0 - 20.0	0	0	0	0	0
OU3MW-21I2	25.0 - 30.0	0	14	2	2	2
OU3MW-22I/IP-15A	10.0 - 15.0	0	379	50	45	45
OU3MW-22I2/IP-15B	25.0 - 30.0	0	3	0	0	0
OU3MW-23I/IP-17B	10.0 - 15.0	4	388	95	85	85
OU3MW-23I2/IP-17A	25.0 - 30.0	0	132	24	21	21
OU3MW-24I/IP-19A	10.0 - 15.0	0	165	22	19	19
OU3MW-24I2/IP-19B	25.0 - 30.0	0	300	74	65	65
PDMW-01	5.0 - 20.0	0	13,000	491	491	491
PDMW-02	5.0 - 20.0	1,130	5,848	2,421	2,421	2,421
PDMW-03	5.0 - 15.0	1,619	2,108	1,887	1,887	1,887
SV-02	2.0 - 12.0	0	770	69	69	69
SV-02I	22.0-27.0	0	1,688	213	213	213
SV-02I2	35.0-40.0	0	6	1	1	1
SV-03	2.0 - 12.0	0	548	67	67	67

Notes for groundwater tables are compiled at the end of the Tables in this section.

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
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Sample Name			IP-16A	IP-16A	DUP-06	IP-16A	IP-16A	IP-16B	IP-16B	IP-16B	DUP-08Q1	IP-16B	IP-18A	IP-18A
Sample Date			9/7/2016	12/6/2016	12/6/2016	3/28/2017	6/23/2017	9/7/2016	12/6/2016	3/17/2017	3/17/2017	6/23/2017	9/9/2016	12/6/2016
Parent Sample Code					IP-16A						IP-16B			
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	**5**	1 U	1 U	5 U	1 U	1 U	1 U	5 U	5 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	5 U	1 U	1 U	1 U	5 U	5 U	1 U	1 U	1 U
Ethylbenzene		5	**23**	1 U	1 U	5 U	1 U	1 U	1 U	5 U	5 U	**1.3**	1 U	1 U
Total Xylene		5	**44**	1 U	1 U	5 U	2 U	1 U	1 U	5 U	5 U	**4.4**	1 U	1 U
Total BTEX (ND=0)		NE	**72**	ND	ND	ND	ND	ND	ND	ND	ND	**5.7**	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U*	10 U	10 U	10 U	10 U	10 U*	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(g,h,i)perylene		NE	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U
Chrysene		0.002*	10 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	10 U	2 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U
2-Methylnaphthalene		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
Naphthalene		10*	**4 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**5 J**	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	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	10 U
Total PAH (17) (ND=0)		NE	**4**	ND	ND	ND	ND	ND	ND	ND	ND	**5**	ND	ND

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
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Sample Name			IP-18A	IP-18B	IP-18B	IP-18B	IP-18B	IP-20A	IP-20A	IP-20A	IP-20A	IP-20B	IP-20B	IP-20B
Sample Date			6/19/2017	9/9/2016	12/6/2016	3/17/2017	6/19/2017	9/9/2016	12/7/2016	3/17/2017	6/20/2017	9/9/2016	12/7/2016	3/17/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	5 U	1 U	1 U	1 U	5 U	**0.14 J**	1 U	1 U	5 U
Toluene		5	1 U	1 U	1 U	5 U	1 U	**4**	1 U	5 U	**5.3**	1 U	1 U	5 U
Ethylbenzene		5	1 U	1 U	1 U	5 U	1 U	**15**	1 U	5 U	**42**	1 U	1 U	**12.5**
Total Xylene		5	2 U	**3**	1 U	5 U	2 U	**140**	1 U	5 U	**200**	1 U	1 U	**74.7**
Total BTEX (ND=0)		NE	ND	**3**	ND	ND	ND	**159**	ND	ND	**247.44**	ND	ND	**87.2**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	**2 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Chrysene		0.002*	2 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
2-Methylnaphthalene		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
Naphthalene		10*	10 U	**10**	10 U	10 U	10 U	**5 J**	10 U	10 U	**1.6 J**	10 U	10 U	**25.8**
Phenanthrene		50*	10 U	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	10 U
Total PAH (17) (ND=0)		NE	ND	**12**	ND	ND	ND	**5**	ND	ND	**1.6**	ND	ND	**25.8**

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
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Sample Name			IP-20B	MW-64	MW-64	MW-64	DUP07Q1	MW-64	MW-73	MW-73	MW-73	MW-73	MW-73I	MW-75I
Sample Date			6/20/2017	8/22/2016	12/23/2016	2/24/2017	2/24/2017	6/6/2017	8/22/2016	12/9/2016	3/2/2017	5/31/2017	5/31/2017	5/31/2017
Parent Sample Code							MW-64							
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	5 U	5 U	**0.64 J**	1 U	1 U	5 U	1 U	1 U	1 U
Toluene		5	**3.3**	1 U	1 U	5 U	5 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
Ethylbenzene		5	**1**	1 U	1 U	**22.2**	**24**	**15**	1 U	1 U	5 U	1 U	1 U	1 U
Total Xylene		5	**72**	1 U	1 U	**32.2**	**35.6**	**4.9 J**	1 U	1 U	5 U	2 U	2 U	2 U
Total BTEX (ND=0)		NE	**76.3**	ND	ND	**54.4**	**59.6**	**20.54**	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	**1.9 J**	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	**0.73 J**	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	1 U	10 UJ	10 U	10 U	10 U	1.1 U	10 U	10 U	10 U	1 U	1 U	1 U
Benzo(b)fluoranthene		0.002*	1 U	10 U	10 U	10 U	10 U	1.1 U	10 U	10 U	10 U	1 U	1 U	1 U
Benzo(k)fluoranthene		0.002*	1 U	10 U	10 U	10 U	10 U	1.1 U	10 U	10 U	10 U	1 U	1 U	1 U
Benzo(g,h,i)perylene		NE	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	1 U	10 U	10 U	10 U	10 U	1.1 U	10 U	10 U	10 U	1 U	1 U	1 U
Chrysene		0.002*	2 U	10 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2 U	2 U	2 U
Dibenz(a,h)anthracene		NE	1 U	10 U	10 U	10 U	10 U	1.1 U	10 U	10 U	10 U	1 U	1 U	1 U
Fluoranthene		50*	10 U	10 U	10 U	10 U	10 U	11 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	11 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		0.002*	1 U	10 U	10 U	10 U	10 U	1.1 U	10 U	10 U	10 U	1 U	1 U	1 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene		10*	**41**	10 U	10 U	**14.6**	**16.6**	**2.9 J**	10 U	10 U	10 U	10 U	10 U	10 U
Phenanthrene		50*	10 U	10 U	10 U	10 U	10 U	11 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	11 U	10 U	10 U	10 U	10 U	10 U	10 U
Total PAH (17) (ND=0)		NE	**41**	ND	ND	**14.6**	**16.6**	**5.53**	ND	ND	ND	ND	ND	ND

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Sample Name			MW-78	MW-78	MW-78	MW-78	MW-79	MW-79	MW-79	MW-79	MW-80	MW-80	MW-80	MW-80
Sample Date			8/22/2016	12/12/2016	3/2/2017	5/31/2017	8/22/2016	12/12/2016	3/31/2017	5/31/2017	8/30/2016	12/12/2016	2/24/2017	6/6/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	5 U	**0.66 J**	1 U	1 U	**16.5**	**2.2**	1 U	1 U	5 U	1 U
Toluene		5	1 U	1 U	5 U	1 U	1 U	1 U	**6.1**	1 U	**1**	1 U	5 U	1 U
Ethylbenzene		5	1 U	1 U	5 U	**7.3**	1 U	1 U	**5.9**	**1.7**	**4**	1 U	5 U	1 U
Total Xylene		5	1 U	1 U	5 U	**18**	1 U	1 U	5 U	**0.32 J**	**37**	1 U	5 U	2 U
Total BTEX (ND=0)		NE	ND	ND	ND	**25.96**	ND	ND	**28.5**	**4.22**	**42**	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	1 U	10 UJ	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Chrysene		0.002*	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 UJ	10 U	10 U	1 U
2-Methylnaphthalene		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
Naphthalene		10*	10 U	10 U	10 U	**1.6 J**	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	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	10 U
Total PAH (17) (ND=0)		NE	ND	ND	ND	**1.6**	ND	ND	ND	ND	ND	ND	ND	ND

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
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Sample Name			OU3MW-07S	OU3MW-07S	OU3MW-07S	OU3MW-07S	DUP-06 Q2	OU3MW-07I	OU3MW-07I	OU3MW-07I	OU3MW-07I	OU3MW-07I2	OU3MW-07I2	OU3MW-07I2
Sample Date			7/13/2016	11/4/2016	2/17/2017	5/24/2017	5/24/2017	7/13/2016	11/4/2016	2/17/2017	5/19/2017	7/19/2016	11/4/2016	2/17/2017
Parent Sample Code							OU3MW-07S							
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	5 U
Toluene		5	1 U	1 U	5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	5 U
Ethylbenzene		5	1 U	1 U	5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	5 U
Total Xylene		5	1 U	1 U	5 U	2 U	2 U	1 U	1 U	5 U	2 U	1 U	1 U	5 U
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	1 UJ	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	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	1 UJ	10 U	10 U	10 U
Chrysene		0.002*	10 U	10 U	10 U	2 U	2 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
2-Methylnaphthalene		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
Naphthalene		10*	10 U	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	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	10 U
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
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Sample Name			OU3MW-07I2	OU3MW-07I3	OU3MW-07I3	OU3MW-07I3	OU3MW-07I3	OU3MW-07I4	DUP-03 Q3	OU3MW-07I4	OU3MW-07I4	OU3MW-07I4	OU3MW-08S	OU3MW-08S
Sample Date			5/19/2017	7/19/2016	11/4/2016	2/17/2017	5/24/2017	7/19/2016	7/19/2016	12/7/2016	2/17/2017	5/19/2017	8/6/2016	12/23/2016
Parent Sample Code									OU3MW-07I4					
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**120**	**80.3**
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**120**	**277**
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**80**	**110**
Total Xylene		5	2 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	**530**	**483**
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**850**	**950.3**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	1 U	10 U	10 U	10 U	1 UJ	10 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	1 UJ	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 UJ	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	10 U
Benzo(a)pyrene		ND	1 UJ	10 U	10 U	10 U	1 UJ	10 U	10 U	10 U	10 U	1 UJ	10 U	10 U
Chrysene		0.002*	2 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	10 U	2 U	10 U	10 U
Dibenz(a,h)anthracene		NE	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**13**	**4.5 J**
Naphthalene		10*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**310**	**118**
Phenanthrene		50*	10 U	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	10 U
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**323**	**122.5**

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
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Sample Name			OU3MW-08S	OU3MW-08S	OU3MW-09S	OU3MW-09S	DUP-08	OU3MW-09S	OU3MW-09S	OU3MW-09I	OU3MW-09I	OU3MW-09I	OU3MW-09I	OU3MW-09I2
Sample Date			3/1/2017	5/25/2017	8/6/2016	12/23/2016	12/23/2016	3/1/2017	6/1/2017	8/6/2016	12/23/2016	3/1/2017	6/1/2017	6/1/2017
Parent Sample Code							OU3MW-09S							
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	**61.1**	**79**	1 U	1 U	1 U	5 U	1 U	**120**	**238 J**	**124**	**91**	**0.25 J**
Toluene		5	**86.9**	**12**	1 U	1 U	1 U	5 U	1 U	**1300**	**961 J**	**989**	**520**	**1.4**
Ethylbenzene		5	**32.6**	**4**	1 U	1 U	1 U	5 U	1 U	**1000**	**1020**	**969**	**770**	**3.2**
Total Xylene		5	**265**	**74**	1 U	1 U	1 U	5 U	2 U	**1400**	**1360**	**1080**	**1100**	**4.3**
Total BTEX (ND=0)		NE	**445.6**	**169**	ND	ND	ND	ND	ND	**3820**	**3579**	**3162**	**2481**	**9.15**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**3 J**	**4 J**	**2.7 J**	**3.4 J**	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 U
Benzo(b)fluoranthene		0.002*	10 U	1 U	10 U	10 UJ	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 U
Benzo(k)fluoranthene		0.002*	10 U	1 U	10 U	10 UJ	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 U
Benzo(g,h,i)perylene		NE	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	1 U	10 U	10 UJ	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 U
Chrysene		0.002*	10 U	2.1 U	10 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2 U	2 U
Dibenz(a,h)anthracene		NE	10 U	1 U	10 U	10 UJ	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 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	10 U
Fluorene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**1 J**	10 U	10 U	**1.1 J**	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	1 U	10 U	10 UJ	10 U	10 U	1 U	10 U	10 U	10 U	1 U	1 U
2-Methylnaphthalene		NE	10 U	**2.5 J**	10 U	10 U	10 U	10 U	10 U	**11**	**13.4**	**6 J**	**19**	10 U
Naphthalene		10*	**121 J**	**79**	10 U	10 U	10 U	10 U	10 U	**120**	**133**	**123 J**	**190**	**1.9 J**
Phenanthrene		50*	10 U	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	10 U
Total PAH (17) (ND=0)		NE	**121**	**81.5**	ND	ND	ND	ND	ND	**135**	**150.4**	**131.7**	**213.5**	**1.9**

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
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Sample Name			OU3MW-10S	OU3MW-10I	OU3MW-10I	OU3MW-10I	OU3MW-10I	OU3MW-13S	OU3MW-13S	OU3MW-13S	OU3MW-13S	OU3MW-16S	OU3MW-16S	OU3MW-16S
Sample Date			5/25/2017	8/6/2016	12/23/2016	3/1/2017	5/25/2017	8/22/2016	12/12/2016	2/17/2017	6/5/2017	8/6/2016	12/23/2016	3/2/2017
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	5 U	**0.18 J**	1 U	**21.9**	1 U	1 U	**9**	**5.4**	**5.3**
Toluene		5	1 U	**9**	**6.5**	5 U	**4.6**	1 U	**26.8**	1 U	1 U	**100**	**31.8**	5 U
Ethylbenzene		5	1 U	**61**	**27.2**	**29.6**	**51**	1 U	**54.4**	1 U	1 U	**270**	**237**	**106**
Total Xylene		5	2 U	**34**	**21.2**	**24.2**	**45**	1 U	**99.9**	1 U	2 U	**240**	**357**	**51.1**
Total BTEX (ND=0)		NE	ND	**104**	**54.9**	**53.8**	**100.78**	ND	**203**	ND	ND	**619**	**631.2**	**162.4**
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	**1 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	10 U
Benzo(a)pyrene		ND	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Chrysene		0.002*	2.1 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**2 J**	10 U	10 U
Naphthalene		10*	10 U	**13**	**3.4 J**	**8.7 J**	**22**	10 U	**21.5**	10 U	10 U	**120**	**55.4**	**71.6**
Phenanthrene		50*	10 U	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	10 U
Total PAH (17) (ND=0)		NE	ND	**14**	**3.4**	**8.7**	**22**	ND	**21.5**	ND	ND	**122**	**55.4**	**71.6**

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
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Sample Name			OU3MW-16S	OU3MW-19S	OU3MW-19S	OU3MW-19S	OU3MW-19S	OU3MW-19I	OU3MW-19I	DUP-02 Q4	OU3MW-19I	OU3MW-19I	OU3MW-19I2	OU3MW-19I2
Sample Date			5/24/2017	8/16/2016	11/1/2016	2/1/2017	5/4/2017	8/16/2016	11/1/2016	11/1/2016	2/1/2017	5/3/2017	8/16/2016	11/1/2016
Parent Sample Code										OU3MW-19I				
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	**6.1**	**3**	**1.3**	**4.1**	**2.7**	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	**45**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	**310**	**23**	**10.5**	**28.7**	**25**	1 U	1 U	1 U	1 U	**1.6**	1 U	1 U
Total Xylene		5	**320**	**2**	1 U	**1.2**	**1.3 J**	1 U	1 U	1 U	1 U	**11**	1 U	1 U
Total BTEX (ND=0)		NE	**681.1**	**28**	**11.8**	**34**	**29**	ND	ND	ND	ND	**12.6**	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U
Benzo(a)anthracene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 UJ	10 U
Benzo(b)fluoranthene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 UJ	10 U
Benzo(k)fluoranthene		0.002*	1 U	10 UJ	10 U	10 U	1 U	10 UJ	10 U	10 U	10 U	1 U	10 UJ	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 UJ	10 U
Benzo(a)pyrene		ND	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 UJ	10 U
Chrysene		0.002*	2.1 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	10 U	2.1 U	10 UJ	10 U
Dibenz(a,h)anthracene		NE	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 UJ	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 UJ	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 UJ	10 U
Indeno(1,2,3-cd)pyrene		0.002*	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	10 U	1 U	10 UJ	10 U
2-Methylnaphthalene		NE	**1.3 J**	**2 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U
Naphthalene		10*	**120**	**9 J**	10 U	**7 J**	**7.1 J**	10 U	10 U	10 U	10 U	10 U	10 UJ	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 UJ	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 UJ	10 U
Total PAH (17) (ND=0)		NE	**121.3**	**11**	ND	**7**	**7.1**	ND	ND	ND	ND	ND	ND	ND

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Sample Name			OU3MW-19I2	OU3MW-19I2	OU3MW-20S	OU3MW-20S	OU3MW-20S	OU3MW-20S	OU3MW-20I	OU3MW-20I	OU3MW-20I	OU3MW-20I	OU3MW-20I2	OU3MW-20I2
Sample Date			2/1/2017	5/3/2017	8/16/2016	11/1/2016	2/1/2017	4/27/2017	8/16/2016	11/1/2016	2/1/2017	4/27/2017	8/16/2016	11/1/2016
Parent Sample Code														
Analyte	**Units**	**NYS AWQS**												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	1 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	1 U	10 UJ	10 U	10 U	1 U	10 UJ	10 U	10 U	1 U	10 UJ	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	10 U
Benzo(a)pyrene		ND	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Chrysene		0.002*	10 U	2.1 U	10 U	10 U	10 U	2.1 U	10 U	10 U	10 U	2.1 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 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	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	10 U
Indeno(1,2,3-cd)pyrene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
2-Methylnaphthalene		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
Naphthalene		10*	10 U	10 U	**1 J**	10 U	10 U	**1.4 J**	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	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	10 U
Total PAH (17) (ND=0)		NE	ND	ND	**1**	ND	ND	**1.4**	ND	ND	ND	ND	ND	ND

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Sample Name			OU3MW-20I2	OU3MW-20I2	OU3MW-22I/IP-15A	OU3MW-22I/IP-15A	OU3MW-22I/IP-15A	OU3MW-22I/IP-15A	OU3MW-22I2/IP-15B	OU3MW-22I2/IP-15B
Sample Date			2/1/2017	4/27/2017	9/7/2016	12/6/2016	3/15/2017	6/20/2017	9/7/2016	12/6/2016
Parent Sample Code										
Analyte	**Units**	**NYS AWQS**								
BTEX	µg/L									
Benzene		1	1 U	1 U	1 U	1 U	5 U	**0.21 J**	1 U	1 U
Toluene		5	1 U	**0.4 J**	1 U	1 U	**8.5**	**0.41 J**	1 U	1 U
Ethylbenzene		5	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
Total Xylene		5	1 U	2 U	1 U	1 U	**7.8**	2 U	1 U	1 U
Total BTEX (ND=0)		NE	ND	**0.4**	ND	ND	**16.3**	**0.62**	ND	ND
NYSDEC PAH17	µg/L									
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Benzo(g,h,i)perylene		NE	10 U	10 U	10 UJ	10 U	10 U	10 U	10 UJ	10 U
Benzo(a)pyrene		ND	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Chrysene		0.002*	10 U	2.1 U	10 U	10 U	10 U	2 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
Fluoranthene		50*	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
Indeno(1,2,3-cd)pyrene		0.002*	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U
2-Methylnaphthalene		NE	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
Phenanthrene		50*	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
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

		Sample Name	OU3MW-22I2/IP-15B
		Sample Date	6/23/2017
		Parent Sample Code	
Analyte	**Units**	**NYS AWQS**	
BTEX	µg/L		
Benzene		1	1 U
Toluene		5	1 U
Ethylbenzene		5	1 U
Total Xylene		5	2 U
Total BTEX (ND=0)		NE	ND
NYSDEC PAH17	µg/L		
Acenaphthene		20*	10 U
Acenaphthylene			10 U*
Anthracene		50*	10 U
Benzo(a)anthracene		0.002*	1 U
Benzo(b)fluoranthene		0.002*	1 U
Benzo(k)fluoranthene		0.002*	1 U
Benzo(g,h,i)perylene		NE	10 U
Benzo(a)pyrene		ND	1 U
Chrysene		0.002*	2 U
Dibenz(a,h)anthracene		NE	1 U
Fluoranthene		50*	10 U
Fluorene		50*	10 U
Indeno(1,2,3-cd)pyrene		0.002*	1 U
2-Methylnaphthalene		NE	10 U
Naphthalene		10*	10 U
Phenanthrene		50*	10 U
Pyrene		50*	10 U
Total PAH (17) (ND=0)		NE	ND

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Sample Name			OU3MW-23I/IP-17B	OU3MW-23I/IP-17B	OU3MW-23I/IP-17B	OU3MW-23I/IP-17B	OU3MW-23I2/IP-17A	OU3MW-23I2/IP-17A	OU3MW-23I2/IP-17A	OU3MW-23I2/IP-17A
Sample Date			9/7/2016	12/6/2016	3/16/2017	6/19/2017	9/7/2016	12/6/2016	3/16/2017	6/19/2017
Parent Sample Code										
Analyte	**Units**	**NYS AWQS**								
BTEX	µg/L									
Benzene		1	**19**	**28.7**	**24.2**	**3.5**	1 U	1 U	5 U	1 U
Toluene		5	1 U	**28.9**	5 U	1 U	**8**	1 U	5 U	1 U
Ethylbenzene		5	**200**	**35.1**	**112**	**13**	**7**	1 U	5 U	1 U
Total Xylene		5	**160**	**59.2**	**24.4**	2 U	**17**	1 U	5 U	2 U
Total BTEX (ND=0)		NE	**379**	**151.9**	**160.6**	**16.5**	**32**	ND	ND	ND
NYSDEC PAH17	µg/L									
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Benzo(g,h,i)perylene		NE	10 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Chrysene		0.002*	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
Fluoranthene		50*	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
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U
2-Methylnaphthalene		NE	**1 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene		10*	**62**	**4.2 J**	**29.2**	**3.8 J**	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
Pyrene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total PAH (17) (ND=0)		NE	**63**	**4.2**	**29.2**	**3.8**	ND	ND	ND	ND

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
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National Grid Bay Shore/Brightwaters Former MGP Site

Sample Name			OU3MW-24I/IP-19A	DUP09 Q3	OU3MW-24I/IP-19A	OU3MW-24I/IP-19A	OU3MW-24I/IP-19A	DUP-09Q2	OU3MW-24I2/IP-19B	OU3MW-24I2/IP-19B
Sample Date			9/15/2016	9/15/2016	12/7/2016	3/17/2017	6/20/2017	6/20/2017	9/15/2016	12/7/2016
Parent Sample Code				OU3MW-24I/IP-19A				OU3MW-24I/IP-19A		
Analyte	**Units**	**NYS AWQS**								
BTEX	µg/L									
Benzene		1	**2**	**2**	**4.3**	5 U	1 U	1 U	**2**	1 U
Toluene		5	**1**	**1**	**1.4**	5 U	1 U	1 U	**97**	1 U
Ethylbenzene		5	**17**	**17**	**18.4**	**7.3**	1 U	1 U	**100**	1 U
Total Xylene		5	**4**	**4**	**3.5**	**6.4**	2 U	2 U	**1000 D**	1 U
Total BTEX (ND=0)		NE	**24**	**24**	**27.6**	**13.7**	ND	ND	**1199**	ND
NYSDEC PAH17	µg/L									
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	10 U	1 U	1 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
Benzo(a)pyrene		ND	10 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U
Chrysene		0.002*	10 U	10 U	10 U	10 U	2 U	2 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U
Fluoranthene		50*	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
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	10 U	1 U	1 U	10 U	10 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene		10*	**1 J**	10 U	10 U	10 U	10 U	10 U	**18**	10 U
Phenanthrene		50*	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
Total PAH (17) (ND=0)		NE	**1**	ND	ND	ND	ND	ND	**18**	ND

Table 13. OU-3 Summary of Expanded Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Analyte	Units	NYS AWQS	Sample Name: OU3MW-24I2/IP-19B Sample Date: 3/17/2017 Parent Sample Code:	Sample Name: OU3MW-24I2/IP-19B Sample Date: 6/20/2017 Parent Sample Code:	Sample Name: SV-02I Sample Date: 2/24/2017 Parent Sample Code:	Sample Name: SV-02I Sample Date: 8/30/2016 Parent Sample Code:	Sample Name: SV-02I Sample Date: 12/12/2016 Parent Sample Code:	Sample Name: DUP-07 Sample Date: 12/12/2016 Parent Sample Code: SV-02I	Sample Name: SV-02I2 Sample Date: 5/5/2017 Parent Sample Code:	Sample Name: DUP-05 Q2 Sample Date: 5/5/2017 Parent Sample Code: SV-0212
BTEX	µg/L									
Benzene		1	5 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U
Toluene		5	**7.7**	**7.3**	5 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	5 U	**0.69 J**	5 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	**144**	**18**	5 U	1 U	1 U	1 U	2 U	2 U
Total BTEX (ND=0)		NE	**151.7**	**25.99**	ND	ND	ND	ND	ND	ND
NYSDEC PAH17	µg/L									
Acenaphthene		20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		0.002*	10 U	1 U	10 U	10 U	10 U	10 U	1 U	1 U
Benzo(b)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	10 U	1 U	1 U
Benzo(k)fluoranthene		0.002*	10 U	1 U	10 U	10 U	10 U	10 U	1 U	1 U
Benzo(g,h,i)perylene		NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	1 U	10 U	10 U	10 U	10 U	1 U	1 U
Chrysene		0.002*	10 U	2 U	10 U	10 U	10 U	10 U	2.1 U	2.1 U
Dibenz(a,h)anthracene		NE	10 U	1 U	10 U	10 U	10 U	10 U	1 U	1 U
Fluoranthene		50*	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
Indeno(1,2,3-cd)pyrene		0.002*	10 U	1 U	10 U	10 UJ	10 U	10 U	1 U	1 U
2-Methylnaphthalene		NE	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
Phenanthrene		50*	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
Total PAH (17) (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND

Table 4-14. OU-4 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentration (µg/L)											
		Sampling Date											
		2002		2003			2004				2005		
		Jun/Jul	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug	Nov/Dec	Feb/Mar	Jun	Aug
WCMW-01S	2.0 - 12.0	5	1	0	0	0	0	0	11	0	0	0	10
WCMW-01I	35.0 - 45.0	0	0	0	0	0	--	0	0	--	0	--	--
WCMW-01D	64.0 - 74.0	0	0	--	0	--	--	0	0	--	--	--	--
WCMW-02S	3.0 - 13.0	6	0	0	0	0	0	0	0	--	0	--	--
WCMW-02I	34.5 - 44.5	0	0	0	0	0	--	0	0	--	--	--	--
WCMW-02D	62.0 - 72.0	0	0	--	--	--	--	0	0	--	--	--	--
WCMW-03S	4.83 - 9.83	--	10	12	25	0	10	25	14	0	42	14	23
WCMW-03I	19.4 - 24.4	--	0	0	0	0	0	0	0	0	0	--	--
WCMW-03I2	28.55 - 33.55	--	0	0	0	0	0	0	0	0	0	--	--
WCMW-04S	1.6 - 11.6	--	33	0	15	16	12	0	10	40	0	16	0
WCMW-04I	19.0 - 24.0	--	0	0	0	0	0	0	0	--	0	--	--
WCMW-04I2	29.85 - 34.85	--	0	--	0	0	--	0	0	0	0	--	--
WCMW-05S	1.15 - 11.15	--	0	0	0	0	0	0	0	0	0	--	--
WCMW-05I	19.61 - 24.61	--	0	0	0	0	0	0	0	--	0	--	--
WCMW-05I2	29.46 - 34.46	--	0	0	0	0	--	0	0	0	0	--	--
WCMW-06S	2.0 - 12.0	--	0	0	0	0	0	0	0	--	--	--	--
WCMW-06I	19.55 - 24.55	--	0	0	0	0	0	0	0	--	--	--	--
WCMW-06I2	29.83 - 34.83	--	0	--	0	0	--	0	0	--	--	--	--
WCMW-07S	2.76 - 12.76	--	0	0	0	0	--	0	--	--	--	--	--
WCMW-07I	18.9 - 23.9	--	0	--	0	0	--	0	--	--	--	--	--
WCMW-07I2	28.95 - 33.95	--	0	--	0	0	--	0	--	--	--	--	--
WCMW-08S	4.2 - 9.2	--	0	0	0	0	--	0	0	--	--	--	--
WCMW-08I	19.2 - 24.2	--	0	--	0	0	0	0	0	--	--	--	--
WCMW-08I2	26.9 - 31.9	--	0	--	0	0	--	0	0	--	--	--	--
WCMW-09S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10D	40.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11I	25.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11D	50.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-12S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-12I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-12D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-14. OU-4 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentration (µg/L)											
		Sampling Date											
		2002		2003			2004				2005		
		Jun/Jul	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug	Nov/Dec	Feb/Mar	Jun	Aug
WCMW-16I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-22S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-22I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-23S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-23I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25D	55.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-26S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-26I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-26I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-27S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-27I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-28S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-28I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-29S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-29I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-32S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-14. OU-4 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentration (µg/L)											
		Sampling Date											
		2005	2006				2007				2008		
		Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
WCMW-01S	2.0 - 12.0	0	0	0	23	0	0	0	13	9	2	0	12
WCMW-01I	35.0 - 45.0	--	0	--	--	--	0	--	0	1	0	0	0
WCMW-01D	64.0 - 74.0	--	0	--	--	--	0	--	0	2	0	0	0
WCMW-02S	3.0 - 13.0	--	0	0	0	0	0	0	4	6	0	0	2
WCMW-02I	34.5 - 44.5	--	0	--	--	--	0	--	0	0	0	0	0
WCMW-02D	62.0 - 72.0	--	0	--	--	--	0	--	0	0	0	0	0
WCMW-03S	4.83 - 9.83	10	--	0	22	20	0	12	32	0	20	21	25
WCMW-03I	19.4 - 24.4	0	--	0	--	--	--	--	0	0	0	0	0
WCMW-03I2	28.55 - 33.55	0	--	0	--	--	--	--	0	0	0	0	0
WCMW-04S	1.6 - 11.6	0	11	10	31	16	0	12	23	25	6	22	24
WCMW-04I	19.0 - 24.0	0	--	--	--	0	--	--	0	0	0	0	0
WCMW-04I2	29.85 - 34.85	0	--	--	--	0	0	--	0	0	0	0	0
WCMW-05S	1.15 - 11.15	0	--	0	--	--	0	0	0	0	0	0	0
WCMW-05I	19.61 - 24.61	0	--	0	--	--	--	--	0	0	0	0	0
WCMW-05I2	29.46 - 34.46	0	--	0	--	--	--	--	0	0	0	0	0
WCMW-06S	2.0 - 12.0	--	--	--	--	--	0	0	0	0	0	0	0
WCMW-06I	19.55 - 24.55	--	--	--	--	--	--	--	0	0	0	0	0
WCMW-06I2	29.83 - 34.83	--	--	--	--	--	--	--	0	0	0	0	0
WCMW-07S	2.76 - 12.76	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-07I	18.9 - 23.9	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-07I2	28.95 - 33.95	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-08S	4.2 - 9.2	--	0	--	--	--	--	--	0	0	0	--	0
WCMW-08I	19.2 - 24.2	--	--	--	--	--	--	--	0	0	0	--	0
WCMW-08I2	26.9 - 31.9	--	--	--	--	--	--	--	0	0	0	--	0
WCMW-09S	5.0 - 15.0	--	0	0	0	--	--	--	0	0	0	0	0
WCMW-10S	15.0 - 20.0	--	0	0	0	0	0	0	0	0	0	0	0
WCMW-10D	40.0 - 50.0	--	0	0	0	--	--	--	1	0	0	0	0
WCMW-11S	5.0 - 15.0	--	80	--	148	--	--	--	--	--	--	53	--
WCMW-11I	25.0 - 35.0	--	0	--	0	--	--	--	--	--	--	0	--
WCMW-11D	50.0 - 60.0	--	0	--	0	--	--	--	--	--	--	0	--
WCMW-12S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-12I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-12D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-13S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	0	0	1
WCMW-13I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-13D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-14S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-14I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-14I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-14D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-16S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-16I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	0	0	0

Table 4-14. OU-4 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentration (µg/L)											
		Sampling Date											
		2005	2006				2007				2008		
		Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
WCMW-16I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-22S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-22I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-23S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-23I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25D	55.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-26S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-26I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-26I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-27S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-27I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-28S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-28I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-29S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-29I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-32S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-14. OU-4 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentration (µg/L)											
		Sampling Date											
		2008	2009				2010				2011		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Aug	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
WCMW-01S	2.0 - 12.0	3	3	1	4	0	1	5	10	14	1	--	--
WCMW-01I	35.0 - 45.0	0	0	0	0	0	0	0	0	0	0	--	--
WCMW-01D	64.0 - 74.0	0	0	0	0	0	0	0	0	0	0	--	--
WCMW-02S	3.0 - 13.0	0	0	0	0	5	0	0	0	3	9	0	0
WCMW-02I	34.5 - 44.5	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-02D	62.0 - 72.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-03S	4.83 - 9.83	24	33	34	23	6	27	29	30	27	24	--	--
WCMW-03I	19.4 - 24.4	0	0	0	0	0	0	0	0	0	0	--	--
WCMW-03I2	28.55 - 33.55	0	0	0	0	0	0	0	0	0	0	--	--
WCMW-04S	1.6 - 11.6	26	21	34	10	2	6	12	32	25	30	11	2
WCMW-04I	19.0 - 24.0	0	0	0	2	0	0	0	0	0	0	0	14
WCMW-04I2	29.85 - 34.85	0	0	0	0	0	0	0	0	0	0	0	2
WCMW-05S	1.15 - 11.15	0	1	0	0	1	2	3	0	0	3	2	2
WCMW-05I	19.61 - 24.61	0	0	0	0	0	0	0	0	0	0	0	1
WCMW-05I2	29.46 - 34.46	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-06S	2.0 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-06I	19.55 - 24.55	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-06I2	29.83 - 34.83	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-07S	2.76 - 12.76	--	--	--	--	--	--	--	--	--	0	--	--
WCMW-07I	18.9 - 23.9	--	--	--	--	--	--	--	--	--	0	--	--
WCMW-07I2	28.95 - 33.95	--	--	--	--	--	--	--	--	--	0	--	--
WCMW-08S	4.2 - 9.2	--	--	--	--	--	0	--	--	--	--	--	--
WCMW-08I	19.2 - 24.2	--	--	--	--	--	0	--	--	--	--	--	--
WCMW-08I2	26.9 - 31.9	--	--	--	--	--	0	--	--	--	--	--	--
WCMW-09S	5.0 - 15.0	0	0	0	0	0	0	0	--	--	--	--	--
WCMW-10S	15.0 - 20.0	0	0	0	0	0	0	0	--	--	--	--	--
WCMW-10D	40.0 - 50.0	0	0	0	0	0	0	0	--	--	--	--	--
WCMW-11S	5.0 - 15.0	--	--	53	36	2	23	--	12	16	27	30	75
WCMW-11I	25.0 - 35.0	--	--	0	0	0	0	--	0	0	0	0	0
WCMW-11D	50.0 - 60.0	--	--	0	0	0	0	--	0	0	0	0	0
WCMW-12S	3.0 - 13.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-12I	25.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-12D	67.0 - 72.0	0	0	0	0	0	0	0	0	0	2	0	0
WCMW-13S	3.0 - 13.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-13I	25.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-13D	65.0 - 70.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-14S	2.0 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-14I	20.0 - 25.0	0	0	0	0	0	1	0	0	0	0	0	0
WCMW-14I2	30.0 - 35.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-14D	67.0 - 72.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-16S	2.0 - 12.0	0	0	2	0	9	0	0	0	0	0	--	--
WCMW-16I	20.0 - 25.0	0	0	1	0	0	0	0	0	0	0	--	--

Table 4-14. OU-4 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentration (µg/L)											
		Sampling Date											
		2008	2009				2010				2011		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Aug	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
WCMW-16I2	30.0 - 35.0	0	0	2	0	0	0	0	0	0	0	--	--
WCMW-17S	2.0 - 12.0	--	--	5	6	2	0	1	1	1	4	--	--
WCMW-17I	20.0 - 25.0	--	--	0	2	0	0	1	0	0	0	--	--
WCMW-17I2	30.0 - 35.0	--	--	0	0	0	0	0	0	0	0	--	--
WCMW-18WT	2.0 - 7.0	--	--	0	0	0	0	0	0	0	0	--	--
WCMW-18S	2.0 - 12.0	--	--	0	0	1	0	0	0	0	0	--	--
WCMW-18I	20.0 - 25.0	--	--	0	0	0	0	0	0	0	0	--	--
WCMW-18I2	30.0 - 35.0	--	--	0	0	0	0	0	0	0	0	--	--
WCMW-19S	2.0 - 12.0	--	--	--	0	0	0	0	0	0	0	0	0
WCMW-19I	20.0 - 25.0	--	--	--	0	0	0	0	0	0	0	0	0
WCMW-19I2	30.0 - 35.0	--	--	--	0	0	0	0	0	0	0	0	0
WCMW-20S	2.0 - 12.0	--	--	--	0	0	0	0	0	0	0	0	--
WCMW-20I	20.0 - 25.0	--	--	--	0	0	0	0	0	0	0	0	--
WCMW-20I2	30.0 - 35.0	--	--	--	0	0	0	0	0	0	0	0	--
WCMW-21S	2.0 - 12.0	--	--	--	0	0	0	0	0	0	0	0	--
WCMW-21I	20.0 - 25.0	--	--	--	0	0	0	0	0	0	0	0	--
WCMW-21I2	30.0 - 35.0	--	--	--	0	0	0	0	0	0	0	0	--
WCMW-22S	2.0 - 12.0	--	--	--	0	0	0	--	--	--	--	--	--
WCMW-22I	25.0 - 30.0	--	--	--	0	0	0	--	--	--	--	--	--
WCMW-23S	2.0 - 12.0	--	--	--	0	0	0	--	--	--	--	--	--
WCMW-23I	25.0 - 30.0	--	--	--	0	0	0	--	--	--	--	--	--
WCMW-24S	2.0 - 12.0	--	--	--	--	0	16	--	8	3	4	2	--
WCMW-24I	20.0 - 25.0	--	--	--	--	0	0	--	0	0	0	0	--
WCMW-24I2	30.0 - 35.0	--	--	--	--	0	0	--	0	0	0	0	--
WCMW-25I	30.0 - 35.0	--	--	--	--	0	1	0	0	0	0	0	0
WCMW-25D	55.0 - 60.0	--	--	--	--	0	0	0	0	0	0	0	0
WCMW-26S	2.0 - 12.0	--	--	--	--	44	78	--	35	114	21	19	47
WCMW-26I	20.0 - 25.0	--	--	--	--	0	0	--	0	0	0	0	0
WCMW-26I2	30.0 - 35.0	--	--	--	--	0	0	--	0	0	0	0	0
WCMW-27S	2.0 - 12.0	--	--	--	--	19	4	29	16	19	31	--	--
WCMW-27I	20.0 - 25.0	--	--	--	--	0	0	0	0	0	0	--	--
WCMW-28S	2.0 - 12.0	--	--	--	--	0	0	0	0	0	0	--	--
WCMW-28I	20.0 - 25.0	--	--	--	--	0	0	0	0	0	0	--	--
WCMW-29S	2.0 - 12.0	--	--	--	--	--	--	--	84	19	59	69	145
WCMW-29I	20.0 - 25.0	--	--	--	--	--	--	--	0	0	0	0	0
WCMW-30S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-32S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-14. OU-4 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentration (µg/L)											
		Sampling Date											
		2011	2012				2013				2014		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
WCMW-01S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01D	64.0 - 74.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02S	3.0 - 13.0	19	6	0	0	0	0	0	0	0	0	0	0
WCMW-02I	34.5 - 44.5	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-02D	62.0 - 72.0	0	0	0	0	0	0	0	--	--	--	0	--
WCMW-03S	4.83 - 9.83	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I	19.4 - 24.4	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I2	28.55 - 33.55	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04S	1.6 - 11.6	3	0	0	0	0	0	0	--	--	--	0	--
WCMW-04I	19.0 - 24.0	9	4	13	24	17	17	16	12	9	8	13	8
WCMW-04I2	29.85 - 34.85	0	0	0	4	2	0	3	6	2	1	0	0
WCMW-05S	1.15 - 11.15	0	3	1	0	0	2	0	0	0	0	0	0
WCMW-05I	19.61 - 24.61	5	9	10	8	8	5	8	9	4	4	4	4
WCMW-05I2	29.46 - 34.46	0	2	0	0	0	0	0	0	0	0	0	0
WCMW-06S	2.0 - 12.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-06I	19.55 - 24.55	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-06I2	29.83 - 34.83	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-07S	2.76 - 12.76	--	0	--	--	--	--	--	--	--	--	--	--
WCMW-07I	18.9 - 23.9	--	0	--	--	--	--	--	--	--	--	--	--
WCMW-07I2	28.95 - 33.95	--	0	--	--	--	--	--	--	--	--	--	--
WCMW-08S	4.2 - 9.2	--	0	--	--	--	--	0	--	--	--	0	--
WCMW-08I	19.2 - 24.2	--	0	--	--	--	--	0	--	--	--	0	--
WCMW-08I2	26.9 - 31.9	--	0	--	--	--	--	0	--	--	--	0	--
WCMW-09S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15.0 - 20.0	--	--	--	--	0	0	0	--	0	--	0	--
WCMW-10D	40.0 - 50.0	--	--	--	--	0	0	0	--	0	--	0	--
WCMW-11S	5.0 - 15.0	--	37	17	10	--	6	2	4	2	8	15	9
WCMW-11I	25.0 - 35.0	--	0	0	0	--	0	0	7	8	0	0	0
WCMW-11D	50.0 - 60.0	--	0	0	0	--	--	0	--	--	--	0	--
WCMW-12S	3.0 - 13.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-12I	25.0 - 30.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-12D	67.0 - 72.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-13S	3.0 - 13.0	2	17	3	10	12	0	0	0	0	9	1	1
WCMW-13I	25.0 - 30.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-13D	65.0 - 70.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-14S	2.0 - 12.0	0	1	0	0	0	0	0	0	0	0	0	0
WCMW-14I	20.0 - 25.0	0	0	0	1	2.5	1	0	2	0	0	0	0
WCMW-14I2	30.0 - 35.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-14D	67.0 - 72.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-16S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-14. OU-4 Summary of Historical Total BTEX Groundwater Analytical Results
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National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentration (µg/L)											
		Sampling Date											
		2011	2012				2013				2014		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
WCMW-16I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2.0 - 12.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-19I	20.0 - 25.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-19I2	30.0 - 35.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-22S	2.0 - 12.0	--	0	--	--	--	--	0	--	--	--	--	--
WCMW-22I	25.0 - 30.0	--	0	--	--	--	--	0	--	--	--	0	--
WCMW-23S	2.0 - 12.0	--	--	--	--	--	--	0	--	--	--	0	--
WCMW-23I	25.0 - 30.0	--	--	--	--	--	--	0	--	--	--	0	--
WCMW-24S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30.0 - 35.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-25D	55.0 - 60.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-26S	2.0 - 12.0	--	45	60	67	--	7	4	68	205	64	31	29
WCMW-26I	20.0 - 25.0	--	0	2	0	--	0	0	0	0	1	0	0
WCMW-26I2	30.0 - 35.0	--	0	0	0	--	--	0	--	--	--	0	--
WCMW-27S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-27I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-28S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-28I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-29S	2.0 - 12.0	--	152	62	54	--	154	182	22	19	77	58	68
WCMW-29I	20.0 - 25.0	--	0	0	0	--	--	0	--	0	0	0	0
WCMW-30S	2.0 - 12.0	--	0	0	0	0	0	0	--	--	--	0	--
WCMW-30I	20.0 - 25.0	--	10	13	26	30	14	21	18	13	17	10	13
WCMW-30I2	30.0 - 35.0	--	0	0	0	0	0	0	0	0	0	0	0
WCMW-31S	2.0 - 12.0	--	3	1	0	2	4	0	0	0	0	0	0
WCMW-31I	20.0 - 25.0	--	0	0	0	0	0	0	--	--	--	0	--
WCMW-31I2	30.0 - 35.0	--	0	0	0	0	0	0	--	--	--	0	--
WCMW-32S	2.0 - 12.0	--	0	0	0	0	0	0	0	0	0	0	0

Table 4-14. OU-4 Summary of Historical Total BTEX Groundwater Analytical Results
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National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentration (µg/L)										
		Sampling Date										
		2014	2015				2016				2017	
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
WCMW-01S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-01I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-01D	64.0 - 74.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-02S	3.0 - 13.0	0	0	0	--	--	--	0	--	--	--	--
WCMW-02I	34.5 - 44.5	--	--	--	--	--	--	--	--	--	--	--
WCMW-02D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-03S	4.83 - 9.83	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I	19.4 - 24.4	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I2	28.55 - 33.55	--	--	--	--	--	--	--	--	--	--	--
WCMW-04S	1.6 - 11.6	--	--	--	--	--	--	--	--	--	--	--
WCMW-04I	19.0 - 24.0	8	8	7	7	11	4	0	4	10	1	6
WCMW-04I2	29.85 - 34.85	0	0	0	--	--	--	0	--	--	--	--
WCMW-05S	1.15 - 11.15	--	--	--	--	--	--	0	--	--	--	--
WCMW-05I	19.61 - 24.61	4	0	1	1	0	0	0	0	0	0	0
WCMW-05I2	29.46 - 34.46	0	0	0	--	0	0	0	0	0	--	0
WCMW-06S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I	19.55 - 24.55	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I2	29.83 - 34.83	--	--	--	--	--	--	--	--	--	--	--
WCMW-07S	2.76 - 12.76	--	--	--	--	--	--	--	--	--	--	--
WCMW-07I	18.9 - 23.9	--	--	--	--	--	--	--	--	--	--	--
WCMW-07I2	28.95 - 33.95	--	--	--	--	--	--	--	--	--	--	--
WCMW-08S	4.2 - 9.2	--	--	--	--	--	--	--	--	--	--	--
WCMW-08I	19.2 - 24.2	--	--	--	--	--	--	--	--	--	--	--
WCMW-08I2	26.9 - 31.9	--	--	--	--	--	--	--	--	--	--	--
WCMW-09S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15.0 - 20.0	--	--	0	--	--	--	--	--	--	--	--
WCMW-10D	40.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--
WCMW-11S	5.0 - 15.0	3	1	20	0	0	--	--	--	--	--	--
WCMW-11I	25.0 - 35.0	0	0	0	0	0	--	--	--	--	--	--
WCMW-11D	50.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-12S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-12I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-12D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-13S	3.0 - 13.0	6	0	0	1	0	0	0	--	--	--	--
WCMW-13I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-13D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-14S	2.0 - 12.0	3	0	0	0	--	0	0	0	0	0	0
WCMW-14I	20.0 - 25.0	2	0	0	0	0	0	0	0	0	0	0
WCMW-14I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-14D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-16S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--

Table 4-14. OU-4 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentration (µg/L)										
		Sampling Date										
		2014	2015				2016				2017	
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
WCMW-16I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-22S	2.0 - 12.0	--	--	0	--	--	--	--	--	--	--	--
WCMW-22I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-23S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-23I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-24S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-25D	55.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-26S	2.0 - 12.0	0	15	87	261	256	--	--	--	--	--	--
WCMW-26I	20.0 - 25.0	169	0	0	0	0	--	--	--	--	--	--
WCMW-26I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-27S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-27I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-28S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-28I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-29S	2.0 - 12.0	28	185	88	38	18	--	--	--	--	--	--
WCMW-29I	20.0 - 25.0	0	0	0	0	0	--	--	--	--	--	--
WCMW-30S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20.0 - 25.0	21	4	15	14	16	3	9	8	7	0	2
WCMW-30I2	30.0 - 35.0	--	--	0	--	--	--	0	--	--	--	--
WCMW-31S	2.0 - 12.0	--	--	0	--	--	--	0	--	--	--	--
WCMW-31I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-32S	2.0 - 12.0	0	0	0	0	0	0	0	0	0	0	0

Table 4-14. OU-4 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentration (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
WCMW-01S	2.0 - 12.0	0	23	4	0	23
WCMW-01I	35.0 - 45.0	0	1	0	0	1
WCMW-01D	64.0 - 74.0	0	2	0	0	2
WCMW-02S	3.0 - 13.0	0	19	1	0	19
WCMW-02I	34.5 - 44.5	0	0	0	0	0
WCMW-02D	62.0 - 72.0	0	0	0	0	0
WCMW-03S	4.83 - 9.83	0	42	19	0	42
WCMW-03I	19.4 - 24.4	0	0	0	0	0
WCMW-03I2	28.55 - 33.55	0	0	0	0	0
WCMW-04S	1.6 - 11.6	0	40	12	0	40
WCMW-04I	19.0 - 24.0	0	24	5	0	24
WCMW-04I2	29.85 - 34.85	0	6	0	0	6
WCMW-05S	1.15 - 11.15	0	3	0	0	3
WCMW-05I	19.61 - 24.61	0	10	2	0	10
WCMW-05I2	29.46 - 34.46	0	2	0	0	2
WCMW-06S	2.0 - 12.0	0	0	0	0	0
WCMW-06I	19.55 - 24.55	0	0	0	0	0
WCMW-06I2	29.83 - 34.83	0	0	0	0	0
WCMW-07S	2.76 - 12.76	0	0	0	0	0
WCMW-07I	18.9 - 23.9	0	0	0	0	0
WCMW-07I2	28.95 - 33.95	0	0	0	0	0
WCMW-08S	4.2 - 9.2	0	0	0	0	0
WCMW-08I	19.2 - 24.2	0	0	0	0	0
WCMW-08I2	26.9 - 31.9	0	0	0	0	0
WCMW-09S	5.0 - 15.0	0	0	0	0	0
WCMW-10S	15.0 - 20.0	0	0	0	0	0
WCMW-10D	40.0 - 50.0	0	1	0	0	1
WCMW-11S	5.0 - 15.0	0	148	26	0	148
WCMW-11I	25.0 - 35.0	0	8	1	0	8
WCMW-11D	50.0 - 60.0	0	0	0	0	0
WCMW-12S	3.0 - 13.0	0	0	0	0	0
WCMW-12I	25.0 - 30.0	0	0	0	0	0
WCMW-12D	67.0 - 72.0	0	2	0	0	2
WCMW-13S	3.0 - 13.0	0	17	2	0	17
WCMW-13I	25.0 - 30.0	0	0	0	0	0
WCMW-13D	65.0 - 70.0	0	0	0	0	0
WCMW-14S	2.0 - 12.0	0	3	0	0	3
WCMW-14I	20.0 - 25.0	0	3	0	0	3
WCMW-14I2	30.0 - 35.0	0	0	0	0	0
WCMW-14D	67.0 - 72.0	0	0	0	0	0
WCMW-16S	2.0 - 12.0	0	9	1	0	9
WCMW-16I	20.0 - 25.0	0	1	0	0	1

Table 4-14. OU-4 Summary of Historical Total BTEX Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total BTEX Groundwater Concentration (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
WCMW-16I2	30.0 - 35.0	0	2	0	0	2
WCMW-17S	2.0 - 12.0	0	6	3	0	6
WCMW-17I	20.0 - 25.0	0	2	0	0	2
WCMW-17I2	30.0 - 35.0	0	0	0	0	0
WCMW-18WT	2.0 - 7.0	0	0	0	0	0
WCMW-18S	2.0 - 12.0	0	1	0	0	1
WCMW-18I	20.0 - 25.0	0	0	0	0	0
WCMW-18I2	30.0 - 35.0	0	0	0	0	0
WCMW-19S	2.0 - 12.0	0	0	0	0	0
WCMW-19I	20.0 - 25.0	0	0	0	0	0
WCMW-19I2	30.0 - 35.0	0	0	0	0	0
WCMW-20S	2.0 - 12.0	0	0	0	0	0
WCMW-20I	20.0 - 25.0	0	0	0	0	0
WCMW-20I2	30.0 - 35.0	0	0	0	0	0
WCMW-21S	2.0 - 12.0	0	0	0	0	0
WCMW-21I	20.0 - 25.0	0	0	0	0	0
WCMW-21I2	30.0 - 35.0	0	0	0	0	0
WCMW-22S	2.0 - 12.0	0	0	0	0	0
WCMW-22I	25.0 - 30.0	0	0	0	0	0
WCMW-23S	2.0 - 12.0	0	0	0	0	0
WCMW-23I	25.0 - 30.0	0	0	0	0	0
WCMW-24S	2.0 - 12.0	0	16	6	0	16
WCMW-24I	20.0 - 25.0	0	0	0	0	0
WCMW-24I2	30.0 - 35.0	0	0	0	0	0
WCMW-25I	30.0 - 35.0	0	1	0	0	1
WCMW-25D	55.0 - 60.0	0	0	0	0	0
WCMW-26S	2.0 - 12.0	0	261	71	0	261
WCMW-26I	20.0 - 25.0	0	169	8	0	169
WCMW-26I2	30.0 - 35.0	0	0	0	0	0
WCMW-27S	2.0 - 12.0	4	31	20	4	31
WCMW-27I	20.0 - 25.0	0	0	0	0	0
WCMW-28S	2.0 - 12.0	0	0	0	0	0
WCMW-28I	20.0 - 25.0	0	0	0	0	0
WCMW-29S	2.0 - 12.0	18	185	79	18	185
WCMW-29I	20.0 - 25.0	0	0	0	0	0
WCMW-30S	2.0 - 12.0	0	0	0	0	0
WCMW-30I	20.0 - 25.0	0	30	13	0	30
WCMW-30I2	30.0 - 35.0	0	0	0	0	0
WCMW-31S	2.0 - 12.0	0	4	1	0	4
WCMW-31I	20.0 - 25.0	0	0	0	0	0
WCMW-31I2	30.0 - 35.0	0	0	0	0	0
WCMW-32S	2.0 - 12.0	0	0	0	0	0

Notes for groundwater tables are compiled at the end of the Tables in this section.

Table 4-15. OU-4 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentration (µg/L)											
		Sampling Date											
		2002		2003			2004				2005		
		Jun/Jul	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug	Nov/Dec	Feb/Mar	Jun	Aug
WCMW-01S	2.0 - 12.0	33	756	24	10	117	0	19	228	240	0	51	298
WCMW-01I	35.0 - 45.0	2	2	0	0	0	--	0	0	--	0	--	--
WCMW-01D	64.0 - 74.0	45	35	--	0	--	--	0	0	--	--	--	--
WCMW-02S	3.0 - 13.0	79	125	0	0	62	0	0	44	--	15	--	--
WCMW-02I	34.5 - 44.5	0	4	0	0	0	--	0	0	--	--	--	--
WCMW-02D	62.0 - 72.0	0	0	--	--	--	--	0	0	--	--	--	--
WCMW-03S	4.83 - 9.83	--	74	393	419	481	34	293	458	350	235	171	800
WCMW-03I	19.4 - 24.4	--	268	1,120	1,100	1,004	1,243	1,261	1,395	1,182	1,532	--	--
WCMW-03I2	28.55 - 33.55	--	327	340	402	348	49	133	191	127	94	--	--
WCMW-04S	1.6 - 11.6	--	1,080	141	69	270	50	0	219	836	17	136	204
WCMW-04I	19.0 - 24.0	--	221	174	142	99	0	62	90	--	81	--	--
WCMW-04I2	29.85 - 34.85	--	0	--	0	0	--	0	17	95	0	--	--
WCMW-05S	1.15 - 11.15	--	0	31	0	0	0	10	0	14	12	--	--
WCMW-05I	19.61 - 24.61	--	156	329	243	215	298	227	245	--	276	--	--
WCMW-05I2	29.46 - 34.46	--	0	0	15	0	--	0	0	214	0	--	--
WCMW-06S	2.0 - 12.0	--	39	0	0	0	0	0	0	--	--	--	--
WCMW-06I	19.55 - 24.55	--	0	0	0	0	0	0	0	--	--	--	--
WCMW-06I2	29.83 - 34.83	--	0	--	0	0	--	0	0	--	--	--	--
WCMW-07S	2.76 - 12.76	--	0	0	0	56	--	0	--	--	--	--	--
WCMW-07I	18.9 - 23.9	--	0	--	0	0	--	0	--	--	--	--	--
WCMW-07I2	28.95 - 33.95	--	0	--	0	0	--	0	--	--	--	--	--
WCMW-08S	4.2 - 9.2	--	0	0	0	0	--	0	0	--	--	--	--
WCMW-08I	19.2 - 24.2	--	0	--	0	0	0	0	0	--	--	--	--
WCMW-08I2	26.9 - 31.9	--	0	--	0	0	--	0	0	--	--	--	--
WCMW-09S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15.0 - 20.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10D	40.0 - 50.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11I	25.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11D	50.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-12S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-12I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-12D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-15. OU-4 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentration (µg/L)											
		Sampling Date											
		2002		2003			2004				2005		
		Jun/Jul	Nov/Dec	Feb-Apr	Jul/Aug	Sep/Oct	Feb/Mar	Apr/May	Jul/Aug	Nov/Dec	Feb/Mar	Jun	Aug
WCMW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-22S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-22I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-23S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-23I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25D	55.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-26S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-26I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-26I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-27S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-27I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-28S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-28I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-29S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-29I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-32S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-15. OU-4 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentration (µg/L)											
		Sampling Date											
		2005	2006				2007				2008		
		Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
WCMW-01S	2.0 - 12.0	14	0	10	340	130	78	291	203	345	47	9	353
WCMW-01I	35.0 - 45.0	--	0	--	--	--	0	--	0	0	0	0	2
WCMW-01D	64.0 - 74.0	--	0	--	--	--	0	--	0	0	0	0	0
WCMW-02S	3.0 - 13.0	--	0	0	30	0	0	0	77	101	0	4	51
WCMW-02I	34.5 - 44.5	--	0	--	--	--	0	--	0	0	0	0	1
WCMW-02D	62.0 - 72.0	--	0	--	--	--	0	--	0	0	0	0	1
WCMW-03S	4.83 - 9.83	376	--	242	339	233	198	240	305	44	122	12	102
WCMW-03I	19.4 - 24.4	1,423	--	1,770	--	--	--	--	255	315	939	134	290
WCMW-03I2	28.55 - 33.55	109	--	83	--	--	--	--	5	37	6	0	25
WCMW-04S	1.6 - 11.6	153	116	57	264	445	95	214	194	326	186	72	337
WCMW-04I	19.0 - 24.0	155	--	--	--	144	--	--	142	94	70	66	96
WCMW-04I2	29.85 - 34.85	0	--	--	--	0	--	--	0	0	0	0	0
WCMW-05S	1.15 - 11.15	0	--	0	--	--	0	0	3	3	5	3	4
WCMW-05I	19.61 - 24.61	338	--	286	--	--	--	--	242	287	162	153	121
WCMW-05I2	29.46 - 34.46	0	--	0	--	--	--	--	7	31	0	0	39
WCMW-06S	2.0 - 12.0	--	--	--	--	--	0	0	1	0	0	4	0
WCMW-06I	19.55 - 24.55	--	--	--	--	--	--	--	52	0	0	0	0
WCMW-06I2	29.83 - 34.83	--	--	--	--	--	--	--	0	11	0	0	0
WCMW-07S	2.76 - 12.76	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-07I	18.9 - 23.9	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-07I2	28.95 - 33.95	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-08S	4.2 - 9.2	--	0	--	--	--	--	--	0	0	0	--	0
WCMW-08I	19.2 - 24.2	--	--	--	--	--	--	--	0	0	0	--	0
WCMW-08I2	26.9 - 31.9	--	--	--	--	--	--	--	0	0	0	--	0
WCMW-09S	5.0 - 15.0	--	0	0	0	--	--	--	0	0	0	0	0
WCMW-10S	15.0 - 20.0	--	0	0	21	0	0	0	0	0	0	0	0
WCMW-10D	40.0 - 50.0	--	0	0	0	--	--	--	0	0	0	0	0
WCMW-11S	5.0 - 15.0	--	1,037	--	590	--	--	--	--	--	--	705	--
WCMW-11I	25.0 - 35.0	--	0	--	0	--	--	--	--	--	--	0	--
WCMW-11D	50.0 - 60.0	--	0	--	0	--	--	--	--	--	--	0	--
WCMW-12S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	2	5	4
WCMW-12I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-12D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	0	0	1
WCMW-13S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	0	0	1
WCMW-13I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-13D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-14S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-14I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	16	77	0
WCMW-14I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	0	0	70
WCMW-14D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-16S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	4	28	57
WCMW-16I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	0	0	0
WCMW-16I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	0	0	0

Table 4-15. OU-4 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentration (µg/L)											
		Sampling Date											
		2005	2006				2007				2008		
		Nov/Dec	Mar	Jun	Jul/Aug	Nov/Dec	Mar	May-Jul	Aug-Oct	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
WCMW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-22S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-22I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-23S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-23I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25D	55.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-26S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-26I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-26I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-27S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-27I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-28S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-28I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-29S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-29I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-32S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-15. OU-4 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentration (µg/L)											
		Sampling Date											
		2008	2009				2010				2011		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Aug	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
WCMW-01S	2.0 - 12.0	77	0	16	26	3	4	14	115	49	18	--	--
WCMW-01I	35.0 - 45.0	0	0	0	46	0	1	0	0	0	0	--	--
WCMW-01D	64.0 - 74.0	0	0	0	2	0	0	0	0	0	0	--	--
WCMW-02S	3.0 - 13.0	27	0	5	0	12	3	0	2	56	38	9	15
WCMW-02I	34.5 - 44.5	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-02D	62.0 - 72.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-03S	4.83 - 9.83	239	243	358	419	237	501	6	327	363	1,532	--	--
WCMW-03I	19.4 - 24.4	1,107	142	1,146	994	1,743	1,127	1,332	1,213	1,101	6	--	--
WCMW-03I2	28.55 - 33.55	24	0	2	5	15	0	535	0	9	8	--	--
WCMW-04S	1.6 - 11.6	332	43	16	272	197	204	227	251	390	369	262	315
WCMW-04I	19.0 - 24.0	100	33	108	101	46	15	30	97	130	95	44	174
WCMW-04I2	29.85 - 34.85	0	0	0	0	2	0	0	0	1	0	0	285
WCMW-05S	1.15 - 11.15	2	5	7	6	8	8	7	38	34	284	8	42
WCMW-05I	19.61 - 24.61	150	170	241	411	432	270	83	43	217	28	136	407
WCMW-05I2	29.46 - 34.46	63	0	48	5	0	0	0	19	30	0	0	778
WCMW-06S	2.0 - 12.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-06I	19.55 - 24.55	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-06I2	29.83 - 34.83	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-07S	2.76 - 12.76	--	--	--	--	--	--	--	--	--	0	--	--
WCMW-07I	18.9 - 23.9	--	--	--	--	--	--	--	--	--	0	--	--
WCMW-07I2	28.95 - 33.95	--	--	--	--	--	--	--	--	--	0	--	--
WCMW-08S	4.2 - 9.2	--	--	--	--	--	0	--	--	--	--	--	--
WCMW-08I	19.2 - 24.2	--	--	--	--	--	0	--	--	--	--	--	--
WCMW-08I2	26.9 - 31.9	--	--	--	--	--	0	--	--	--	--	--	--
WCMW-09S	5.0 - 15.0	0	0	0	0	0	0	0	--	--	--	--	--
WCMW-10S	15.0 - 20.0	0	0	0	0	5	0	0	--	--	--	--	--
WCMW-10D	40.0 - 50.0	0	0	0	0	3	0	0	--	--	--	--	--
WCMW-11S	5.0 - 15.0	--	--	624	637	238	159	--	496	1,350	386	1,286	1,258
WCMW-11I	25.0 - 35.0	--	--	0	10	1	20	--	0	62	36	5	182
WCMW-11D	50.0 - 60.0	--	--	0	0	0	2	--	0	0	0	0	0
WCMW-12S	3.0 - 13.0	1	4	13	0	3	0	2	0	0	0	2	2
WCMW-12I	25.0 - 30.0	0	0	5	5	16	0	0	0	0	0	0	30
WCMW-12D	67.0 - 72.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-13S	3.0 - 13.0	53	0	0	0	0	1	0	0	0	0	0	2
WCMW-13I	25.0 - 30.0	0	0	0	0	0	0	0	0	0	0	0	0
WCMW-13D	65.0 - 70.0	1	0	0	0	0	0	0	0	0	0	0	0
WCMW-14S	2.0 - 12.0	0	0	6	0	4	20	23	26	0	3	0	29
WCMW-14I	20.0 - 25.0	2	2	50	64	81	149	214	149	65	24	25	376
WCMW-14I2	30.0 - 35.0	10	1	11	0	18	57	25	95	201	160	9	71
WCMW-14D	67.0 - 72.0	0	0	2	0	0	0	0	0	0	0	0	0
WCMW-16S	2.0 - 12.0	0	24	22	0	1,971	2,259	337	43	56	51	--	--
WCMW-16I	20.0 - 25.0	0	0	18	0	2	13	6	14	14	6	--	--
WCMW-16I2	30.0 - 35.0	0	0	4	55	5	15	10	17	0	1	--	--

Table 4-15. OU-4 Summary of Historical Total PAH Groundwater Analytical Results
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National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentration (µg/L)											
		Sampling Date											
		2008	2009				2010				2011		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Aug	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
WCMW-17S	2.0 - 12.0	--	--	295	226	201	141	339	431	407	339	--	--
WCMW-17I	20.0 - 25.0	--	--	292	342	38	186	338	394	322	258	--	--
WCMW-17I2	30.0 - 35.0	--	--	0	16	0	12	12	31	0	20	--	--
WCMW-18WT	2.0 - 7.0	--	--	0	0	0	0	0	0	0	0	--	--
WCMW-18S	2.0 - 12.0	--	--	0	0	0	0	0	0	0	0	--	--
WCMW-18I	20.0 - 25.0	--	--	0	0	0	0	0	0	0	0	--	--
WCMW-18I2	30.0 - 35.0	--	--	0	0	0	0	0	0	0	0	--	--
WCMW-19S	2.0 - 12.0	--	--	--	0	0	0	0	0	0	0	0	0
WCMW-19I	20.0 - 25.0	--	--	--	0	0	0	0	0	0	0	0	0
WCMW-19I2	30.0 - 35.0	--	--	--	0	0	0	0	0	0	0	0	0
WCMW-20S	2.0 - 12.0	--	--	--	0	2	0	0	0	0	0	0	--
WCMW-20I	20.0 - 25.0	--	--	--	0	0	0	0	0	0	0	0	--
WCMW-20I2	30.0 - 35.0	--	--	--	0	0	0	0	0	0	0	0	--
WCMW-21S	2.0 - 12.0	--	--	--	0	0	0	0	0	0	0	0	--
WCMW-21I	20.0 - 25.0	--	--	--	0	0	0	0	0	0	0	0	--
WCMW-21I2	30.0 - 35.0	--	--	--	0	0	0	0	0	0	0	0	--
WCMW-22S	2.0 - 12.0	--	--	--	61	56	54	--	--	--	--	--	--
WCMW-22I	25.0 - 30.0	--	--	--	5	1	0	--	--	--	--	--	--
WCMW-23S	2.0 - 12.0	--	--	--	34	16	0	--	--	--	--	--	--
WCMW-23I	25.0 - 30.0	--	--	--	0	0	0	--	--	--	--	--	--
WCMW-24S	2.0 - 12.0	--	--	--	--	237	336	--	215	170	158	271	--
WCMW-24I	20.0 - 25.0	--	--	--	--	10	53	--	32	40	98	58	--
WCMW-24I2	30.0 - 35.0	--	--	--	--	0	0	--	0	0	0	0	--
WCMW-25I	30.0 - 35.0	--	--	--	--	0	54	0	0	0	0	0	20
WCMW-25D	55.0 - 60.0	--	--	--	--	0	0	0	0	0	0	0	0
WCMW-26S	2.0 - 12.0	--	--	--	--	350	232	--	394	146	204	331	243
WCMW-26I	20.0 - 25.0	--	--	--	--	47	24	--	87	28	0	26	56
WCMW-26I2	30.0 - 35.0	--	--	--	--	3	24	--	11	10	7	5	0
WCMW-27S	2.0 - 12.0	--	--	--	--	141	0	278	708	0	699	--	--
WCMW-27I	20.0 - 25.0	--	--	--	--	0	0	0	0	0	0	--	--
WCMW-28S	2.0 - 12.0	--	--	--	--	251	36	97	396	301	128	--	--
WCMW-28I	20.0 - 25.0	--	--	--	--	2	0	0	0	0	0	--	--
WCMW-29S	2.0 - 12.0	--	--	--	--	--	--	--	2,391	2,154	1,092	1,599	--
WCMW-29I	20.0 - 25.0	--	--	--	--	--	--	--	43	29	10	17	--
WCMW-30S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-32S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-15. OU-4 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentration (µg/L)											
		Sampling Date											
		2011	2012				2013				2014		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
WCMW-01S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01D	64.0 - 74.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02S	3.0 - 13.0	69	94	87	58	--	67.5	84	62	77	86	45	78
WCMW-02I	34.5 - 44.5	0	0	0	1	--	--	0	--	--	--	0	--
WCMW-02D	62.0 - 72.0	5	0	0	1	0	0	0	--	--	--	0	--
WCMW-03S	4.83 - 9.83	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I	19.4 - 24.4	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I2	28.55 - 33.55	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04S	1.6 - 11.6	132	98	60	22	20	35	12	--	--	--	10	--
WCMW-04I	19.0 - 24.0	432	411	251	198	199	299	306	149	232	221	212	352
WCMW-04I2	29.85 - 34.85	79	73	126	73	102	41	95	14	116	28	13	24
WCMW-05S	1.15 - 11.15	0	94	74	76	49	97	49	2	39	94	48	24
WCMW-05I	19.61 - 24.61	173	225	147	177	147	162	229	100	230	137	220	324
WCMW-05I2	29.46 - 34.46	264	306	266	112	199	173	350	55	237	138	56	100
WCMW-06S	2.0 - 12.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-06I	19.55 - 24.55	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-06I2	29.83 - 34.83	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-07S	2.76 - 12.76	--	0	--	--	--	--	--	--	--	--	--	--
WCMW-07I	18.9 - 23.9	--	0	--	--	--	--	--	--	--	--	--	--
WCMW-07I2	28.95 - 33.95	--	0	--	--	--	--	--	--	--	--	--	--
WCMW-08S	4.2 - 9.2	--	0	--	--	--	--	0	--	--	--	0	--
WCMW-08I	19.2 - 24.2	--	0	--	--	--	--	0	--	--	--	0	--
WCMW-08I2	26.9 - 31.9	--	0	--	--	--	--	0	--	--	--	0	--
WCMW-09S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15.0 - 20.0	--	--	--	--	0	0	0	--	0	--	0	--
WCMW-10D	40.0 - 50.0	--	--	--	--	0	0	0	--	0	--	0	--
WCMW-11S	5.0 - 15.0	--	375	392	266	--	129	56	32	77	244	102	77
WCMW-11I	25.0 - 35.0	--	61	188	318	--	73	25	392	380	136	25	46
WCMW-11D	50.0 - 60.0	--	0	0	0	--	--	0	--	--	--	0	--
WCMW-12S	3.0 - 13.0	0	0	3	5	--	--	1	--	--	--	1	--
WCMW-12I	25.0 - 30.0	4	1	0	0	--	--	89	--	--	--	40	--
WCMW-12D	67.0 - 72.0	0	0	0	2	--	--	0	--	--	--	0	--
WCMW-13S	3.0 - 13.0	75	229	219	156	141	2	0	134	176	185	9	157
WCMW-13I	25.0 - 30.0	0	0	2	0	--	--	0	--	--	--	0	--
WCMW-13D	65.0 - 70.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-14S	2.0 - 12.0	263	143	56	90	81	58	81	15	53	64	41	36
WCMW-14I	20.0 - 25.0	125	125	258	231	165	149	167	243	256	96	86	234
WCMW-14I2	30.0 - 35.0	0	0	0	6	--	--	0	--	--	--	0	--
WCMW-14D	67.0 - 72.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-16S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--

Table 4-15. OU-4 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentration (µg/L)											
		Sampling Date											
		2011	2012				2013				2014		
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
WCMW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2.0 - 12.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-19I	20.0 - 25.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-19I2	30.0 - 35.0	0	0	0	0	--	--	0	--	--	--	3	--
WCMW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-22S	2.0 - 12.0	--	59	--	--	--	--	37	--	--	--	--	--
WCMW-22I	25.0 - 30.0	--	0	--	--	--	--	0	--	--	--	0	--
WCMW-23S	2.0 - 12.0	--	--	--	--	--	--	17	--	--	--	13	--
WCMW-23I	25.0 - 30.0	--	--	--	--	--	--	0	--	--	--	0	--
WCMW-24S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30.0 - 35.0	0	0	7	0	--	--	0	--	--	--	0	--
WCMW-25D	55.0 - 60.0	0	0	0	0	--	--	0	--	--	--	0	--
WCMW-26S	2.0 - 12.0	--	352	436	290	--	217	190	406	2,081	748	335	357
WCMW-26I	20.0 - 25.0	--	7	25	12	--	86	111	5	60	55	10	42
WCMW-26I2	30.0 - 35.0	--	1	9	3	--	--	2	--	--	--	2	--
WCMW-27S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-27I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-28S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-28I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-29S	2.0 - 12.0	--	2,374	1,420	1,986	--	2,123	1,615	1,746	2,172	1,756	1,952	1,889
WCMW-29I	20.0 - 25.0	--	5	10	24	--	--	60	--	208	87	36	41
WCMW-30S	2.0 - 12.0	--	14	49	18	8	7	16	--	--	--	0	--
WCMW-30I	20.0 - 25.0	--	169	486	654	585	373	602	663	606	295	307	458
WCMW-30I2	30.0 - 35.0	--	3	12	1	108	46	0	20	118	0	0	0
WCMW-31S	2.0 - 12.0	--	427	353	53	35	241	199	35	22	68	45	18
WCMW-31I	20.0 - 25.0	--	31	18	9	0	7	10	--	--	--	8	--
WCMW-31I2	30.0 - 35.0	--	69	4	0	0	0	0	--	--	--	0	--
WCMW-32S	2.0 - 12.0	--	304	286	189	4	247	269	97	25	184	167	63

Table 4-15. OU-4 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentration (µg/L)										
		Sampling Date										
		2014	2015				2016				2017	
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
WCMW-01S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-01I	35.0 - 45.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-01D	64.0 - 74.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-02S	3.0 - 13.0	43	27	25	--	--	--	48	--	--	--	--
WCMW-02I	34.5 - 44.5	--	--	--	--	--	--	--	--	--	--	--
WCMW-02D	62.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-03S	4.83 - 9.83	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I	19.4 - 24.4	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I2	28.55 - 33.55	--	--	--	--	--	--	--	--	--	--	--
WCMW-04S	1.6 - 11.6	--	--	--	--	--	--	--	--	--	--	--
WCMW-04I	19.0 - 24.0	303	162	280	187	246	265	304	245	254	1	238
WCMW-04I2	29.85 - 34.85	18	7	2	--	--	--	27	--	--	--	--
WCMW-05S	1.15 - 11.15	--	--	--	--	--	--	2	--	--	--	--
WCMW-05I	19.61 - 24.61	319	164	190	176	201	180	152	138	186	0	183
WCMW-05I2	29.46 - 34.46	51	13	100	--	123	76	155	168	121	--	71
WCMW-06S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I	19.55 - 24.55	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I2	29.83 - 34.83	--	--	--	--	--	--	--	--	--	--	--
WCMW-07S	2.76 - 12.76	--	--	--	--	--	--	--	--	--	--	--
WCMW-07I	18.9 - 23.9	--	--	--	--	--	--	--	--	--	--	--
WCMW-07I2	28.95 - 33.95	--	--	--	--	--	--	--	--	--	--	--
WCMW-08S	4.2 - 9.2	--	--	--	--	--	--	--	--	--	--	--
WCMW-08I	19.2 - 24.2	--	--	--	--	--	--	--	--	--	--	--
WCMW-08I2	26.9 - 31.9	--	--	--	--	--	--	--	--	--	--	--
WCMW-09S	5.0 - 15.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15.0 - 20.0	--	--	0	--	--	--	--	--	--	--	--
WCMW-10D	40.0 - 50.0	--	--	0	--	--	--	--	--	--	--	--
WCMW-11S	5.0 - 15.0	58	61	127	41	47	--	--	--	--	--	--
WCMW-11I	25.0 - 35.0	249	25	18	192	54	--	--	--	--	--	--
WCMW-11D	50.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-12S	3.0 - 13.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-12I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-12D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-13S	3.0 - 13.0	59	0	0	43	51	3	0	--	--	--	--
WCMW-13I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-13D	65.0 - 70.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-14S	2.0 - 12.0	31	42	39	66	--	37	28	72	78	0	42
WCMW-14I	20.0 - 25.0	106	5	2	58	180	7	17	188	156	0	11
WCMW-14I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-14D	67.0 - 72.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-16S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--

Table 4-15. OU-4 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentration (µg/L)										
		Sampling Date										
		2014	2015				2016				2017	
		Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun
WCMW-17S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2.0 - 7.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-20S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-20I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-21S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-21I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-22S	2.0 - 12.0	--	--	27	--	--	--	--	--	--	--	--
WCMW-22I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-23S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-23I	25.0 - 30.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-24S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-24I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-25D	55.0 - 60.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-26S	2.0 - 12.0	557	257	404	973	1,597	--	--	--	--	--	--
WCMW-26I	20.0 - 25.0	19	74	3	27	69	--	--	--	--	--	--
WCMW-26I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-27S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-27I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-28S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-28I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-29S	2.0 - 12.0	1,466	2,390	1,424	1,175	1,191	--	--	--	--	--	--
WCMW-29I	20.0 - 25.0	93	8	22	107	140	--	--	--	--	--	--
WCMW-30S	2.0 - 12.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20.0 - 25.0	478	102	339	267	352	178	285	313	309	0	255
WCMW-30I2	30.0 - 35.0	--	--	0	--	--	--	0	--	--	--	--
WCMW-31S	2.0 - 12.0	--	--	36	--	--	--	48	--	--	--	--
WCMW-31I	20.0 - 25.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-31I2	30.0 - 35.0	--	--	--	--	--	--	--	--	--	--	--
WCMW-32S	2.0 - 12.0	256	280	12	20	13	141	23	--	0	0	116

Table 4-15. OU-4 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentration (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
WCMW-01S	2.0 - 12.0	0	756	115	0	756
WCMW-01I	35.0 - 45.0	0	46	2	0	46
WCMW-01D	64.0 - 74.0	0	45	4	0	45
WCMW-02S	3.0 - 13.0	0	125	36	0	125
WCMW-02I	34.5 - 44.5	0	4	0	0	4
WCMW-02D	62.0 - 72.0	0	5	0	0	5
WCMW-03S	4.83 - 9.83	6	1,532	317	6	1,532
WCMW-03I	19.4 - 24.4	6	1,770	967	6	1,770
WCMW-03I2	28.55 - 33.55	0	535	111	0	535
WCMW-04S	1.6 - 11.6	0	1,080	203	0	1,080
WCMW-04I	19.0 - 24.0	0	432	166	0	432
WCMW-04I2	29.85 - 34.85	0	285	29	0	285
WCMW-05S	1.15 - 11.15	0	284	27	0	284
WCMW-05I	19.61 - 24.61	0	432	207	0	432
WCMW-05I2	29.46 - 34.46	0	778	92	0	778
WCMW-06S	2.0 - 12.0	0	39	1	0	39
WCMW-06I	19.55 - 24.55	0	52	2	0	52
WCMW-06I2	29.83 - 34.83	0	11	0	0	11
WCMW-07S	2.76 - 12.76	0	56	8	0	56
WCMW-07I	18.9 - 23.9	0	0	0	0	0
WCMW-07I2	28.95 - 33.95	0	0	0	0	0
WCMW-08S	4.2 - 9.2	0	0	0	0	0
WCMW-08I	19.2 - 24.2	0	0	0	0	0
WCMW-08I2	26.9 - 31.9	0	0	0	0	0
WCMW-09S	5.0 - 15.0	0	0	0	0	0
WCMW-10S	15.0 - 20.0	0	21	1	0	21
WCMW-10D	40.0 - 50.0	0	3	0	0	3
WCMW-11S	5.0 - 15.0	32	1,350	402	32	1,350
WCMW-11I	25.0 - 35.0	0	392	93	0	392
WCMW-11D	50.0 - 60.0	0	2	0	0	2
WCMW-12S	3.0 - 13.0	0	13	2	0	13
WCMW-12I	25.0 - 30.0	0	89	9	0	89
WCMW-12D	67.0 - 72.0	0	2	0	0	2
WCMW-13S	3.0 - 13.0	0	229	50	0	229
WCMW-13I	25.0 - 30.0	0	2	0	0	2
WCMW-13D	65.0 - 70.0	0	1	0	0	1
WCMW-14S	2.0 - 12.0	0	263	41	0	263
WCMW-14I	20.0 - 25.0	0	376	112	0	376
WCMW-14I2	30.0 - 35.0	0	201	35	0	201
WCMW-14D	67.0 - 72.0	0	2	0	0	2
WCMW-16S	2.0 - 12.0	0	2,259	373	0	2,259
WCMW-16I	20.0 - 25.0	0	18	6	0	18
WCMW-16I2	30.0 - 35.0	0	55	8	0	55

Table 4-15. OU-4 Summary of Historical Total PAH Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid
Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Well ID	Screen Interval (feet bgs)	Total PAH Groundwater Concentration (µg/L)				
		Historic Minimum	Historic Maximum	Historic Average	Current Minimum	Current Maximum
WCMW-17S	2.0 - 12.0	141	431	297	141	431
WCMW-17I	20.0 - 25.0	38	394	271	38	394
WCMW-17I2	30.0 - 35.0	0	31	11	0	31
WCMW-18WT	2.0 - 7.0	0	0	0	0	0
WCMW-18S	2.0 - 12.0	0	0	0	0	0
WCMW-18I	20.0 - 25.0	0	0	0	0	0
WCMW-18I2	30.0 - 35.0	0	0	0	0	0
WCMW-19S	2.0 - 12.0	0	0	0	0	0
WCMW-19I	20.0 - 25.0	0	0	0	0	0
WCMW-19I2	30.0 - 35.0	0	3	0	0	3
WCMW-20S	2.0 - 12.0	0	2	0	0	2
WCMW-20I	20.0 - 25.0	0	0	0	0	0
WCMW-20I2	30.0 - 35.0	0	0	0	0	0
WCMW-21S	2.0 - 12.0	0	0	0	0	0
WCMW-21I	20.0 - 25.0	0	0	0	0	0
WCMW-21I2	30.0 - 35.0	0	0	0	0	0
WCMW-22S	2.0 - 12.0	27	61	49	27	61
WCMW-22I	25.0 - 30.0	0	5	1	0	5
WCMW-23S	2.0 - 12.0	0	34	16	0	34
WCMW-23I	25.0 - 30.0	0	0	0	0	0
WCMW-24S	2.0 - 12.0	158	336	231	158	336
WCMW-24I	20.0 - 25.0	10	98	49	10	98
WCMW-24I2	30.0 - 35.0	0	0	0	0	0
WCMW-25I	30.0 - 35.0	0	54	6	0	54
WCMW-25D	55.0 - 60.0	0	0	0	0	0
WCMW-26S	2.0 - 12.0	146	2,081	505	146	2,081
WCMW-26I	20.0 - 25.0	0	111	40	0	111
WCMW-26I2	30.0 - 35.0	0	24	6	0	24
WCMW-27S	2.0 - 12.0	0	708	304	0	708
WCMW-27I	20.0 - 25.0	0	0	0	0	0
WCMW-28S	2.0 - 12.0	36	396	202	36	396
WCMW-28I	20.0 - 25.0	0	2	0	0	2
WCMW-29S	2.0 - 12.0	1,092	2,391	1,785	1,092	2,391
WCMW-29I	20.0 - 25.0	5	208	55	5	208
WCMW-30S	2.0 - 12.0	0	49	16	0	49
WCMW-30I	20.0 - 25.0	0	663	372	0	663
WCMW-30I2	30.0 - 35.0	0	118	24	0	118
WCMW-31S	2.0 - 12.0	18	427	122	18	427
WCMW-31I	20.0 - 25.0	0	31	12	0	31
WCMW-31I2	30.0 - 35.0	0	69	10	0	69
WCMW-32S	2.0 - 12.0	0	304	129	0	304

Notes for groundwater tables are compiled at the end of the Tables in this section.

Table 4-16. OU-4 Summary of Expanded Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			WCMW-04I	WCMW-04I	WCMW-04I	WCMW-04I	WCMW-05I	WCMW-05I	WCMW-05I	WCMW-05I	WCMW-05I2	WCMW-05I2	WCMW-05I2	WCMW-14S
Sample Date			8/29/2016	12/23/2016	2/23/2017	6/5/2017	8/29/2016	12/28/2016	2/23/2017	6/5/2017	8/29/2016	12/28/2016	6/5/2017	8/30/2016
Parent Sample Code														
Analyte	Units	NYS AWQS												
BTEX	µg/L													
Benzene		1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**0.23 J**	1 U	1 U	1 U	1 U
Toluene		5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		5	**2**	**3.7**	1 U	**2.9**	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		5	**2**	**5.9**	**1.3**	**2.6**	1 U	1 U	1 U	2 U	1 U	1 U	2 U	1 U
Total BTEX (ND=0)		NE	**4**	**9.6**	**1.3**	**5.5**	ND	ND	ND	**0.23**	ND	ND	ND	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**140**	**140**	**164**	**120**	**33**	**45.3**	**53**	**40**	**16**	**9.2 J**	**4.7 J**	**55**
Acenaphthylene			**13**	**15.2**	**21.4**	**15**	**10**	**10.4**	**8.3 J**	**8.8 J**	**59**	**37.8**	**28**	**2 J**
Anthracene		50*	**11**	**12**	**10.6**	**9 J**	**9 J**	**12.1**	**12.4**	**12**	**9 J**	**8.7 J**	**4 J**	10 U
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	1 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	1 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	1 U	10 UJ	10 U	10 U	1 U	10 UJ	10 U	1 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	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	1 U	10 U
Chrysene		0.002*	10 U	10 U	10 U	2 U	10 U	10 U	10 U	2.1 U	10 U	10 U	2 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 U	10 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	1 U	10 U
Fluoranthene		50*	**3 J**	**2.9 J**	**2.6 J**	**3 J**	**3 J**	**3 J**	**3 J**	**3 J**	**2 J**	10 U	**1.1 J**	**2 J**
Fluorene		50*	**14**	**12.3**	**34.3**	**11**	**13**	**28.9**	**46.1**	**29**	**19**	**14.3**	**10**	**6 J**
Indeno(1,2,3-cd)pyrene		0.002*	10 U	10 U	10 U	1 U	10 UJ	10 U	10 U	1 U	10 UJ	10 U	1 U	10 UJ
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	**9 J**	**15.5**	**29**	**11**	**5 J**	**4.9 J**	10 U	10 U
Naphthalene		10*	**2 J**	10 U	**13.7**	**2.4 J**	**9 J**	**9.8 J**	**14.6**	**13**	**8 J**	**4.7 J**	**4.1 J**	10 U
Phenanthrene		50*	**58**	**67.7**	**68.4**	**75**	**49**	**57.2**	**65.1**	**62**	**47**	**38.5**	**19**	**2 J**
Pyrene		50*	**4 J**	**3.9 J**	**3 J**	**2.2 J**	**3 J**	**4.1 J**	**3.9 J**	**4.1 J**	**3 J**	**3.3 J**	10 U	**5 J**
Total PAH (17) (ND=0)		NE	**245**	**254**	**318**	**237.6**	**138**	**186.3**	**235.4**	**182.9**	**168**	**121.4**	**70.9**	**72**

Table 4-16. OU-4 Summary of Expanded Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			DUP-08	WCMW-14S	WCMW-14S	WCMW-14S	DUP-08 Q2	WCMW-14I	WCMW-14I	WCMW-14I	WCMW-14I	WCMW-30I	WCMW-30I	WCMW-30I
Sample Date			8/30/2016	12/28/2016	3/30/2017	6/9/2017	6/9/2017	8/30/2016	12/28/2016	3/30/2017	6/9/2017	8/29/2016	12/14/2016	2/24/2017
Parent Sample Code			WCMW-14S				WCMW-14S							
Analyte	Units	NYS AWQS												
BTEX	µg/L													
Benzene		1	1 U	1 U	5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	5 U
Toluene		5	1 U	1 U	5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	5 U
Ethylbenzene		5	1 U	1 U	5 U	1 U	1 U	1 U	1 U	5 U	1 U	**4**	**3.1**	5 U
Total Xylene		5	1 U	1 U	5 U	2 U	2 U	1 U	1 U	5 U	2 U	**4**	**3.6**	5 U
Total BTEX (ND=0)		NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	**8**	**6.7**	ND
NYSDEC PAH17	µg/L													
Acenaphthene		20*	**62**	**50.1**	**26.9**	**10**	**10**	**36**	**15.1**	10 U	10 U	**150**	**153**	**116 J**
Acenaphthylene			**3 J**	**3.7 J**	10 U	**3.4 J**	**3.3 J**	**45**	**53.7**	**10.9**	10 U	**8 J**	**8.7 J**	**6.6 J**
Anthracene		50*	10 U	10 U	10 U	**1.8 J**	**0.99 J**	**12**	**12.9**	10 U	**1.3 J**	**10**	**9.8 J**	**7.3 J**
Benzo(a)anthracene		0.002*	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(b)fluoranthene		0.002*	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(k)fluoranthene		0.002*	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Benzo(g,h,i)perylene		NE	10 U	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	10 U	10 U	10 U	1 U	1 U	10 U	10 U	10 U	**0.4 J**	10 U	10 U	10 U
Chrysene		0.002*	10 U	10 U	10 U	2 U	2 U	10 U	10 U	10 U	2 U	10 U	10 U	10 U
Dibenz(a,h)anthracene		NE	10 U	10 UJ	10 U	1 U	1 U	10 U	10 U	10 U	1 U	10 U	10 U	10 U
Fluoranthene		50*	**2 J**	10 U	10 U	**2.4 J**	**2.1 J**	**3 J**	**3.2 J**	10 U	**1.1 J**	**3 J**	**2.6 J**	10 U
Fluorene		50*	**6 J**	10 U	10 U	**2.7 J**	**2.6 J**	**5 J**	**9.9 J**	10 U	**0.89 J**	**53**	**52.2**	**47.9**
Indeno(1,2,3-cd)pyrene		0.002*	10 UJ	10 UJ	10 U	1 U	1 U	10 UJ	10 UJ	10 U	1 U	10 UJ	10 U	10 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**1.3 J**	10 U	10 U	10 U
Naphthalene		10*	10 U	10 U	10 U	10 U	10 U	**27**	**3 J**	10 U	**1.6 J**	**21**	**9.2 J**	**13.8**
Phenanthrene		50*	10 U	**21.2**	**20.5**	**18**	**4.5 J**	**55**	**53.4**	**11.9**	**3 J**	**66**	**70.3**	**72.1**
Pyrene		50*	**5 J**	**3 J**	10 U	**3.4 J**	**3.4 J**	**5 J**	**4.4 J**	10 U	**1.8 J**	**2 J**	**2.9 J**	10 U
Total PAH (17) (ND=0)		NE	**78**	**78**	**47.4**	**41.7**	**26.89**	**188**	**155.6**	**22.8**	**11.39**	**313**	**308.7**	**263.7**

Table 4-16. OU-4 Summary of Expanded Groundwater Analytical Results
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site
Bay Shore, NY

Sample Name			WCMW-30I	WCMW-32S	WCMW-32S	WCMW-32S	WCMW-32S
Sample Date			6/5/2017	8/29/2016	12/14/2016	3/28/2017	6/1/2017
Parent Sample Code							
Analyte	**Units**	**NYS AWQS**					
BTEX	µg/L						
Benzene		1	1 U	1 U	1 U	5 U	1 U
Toluene		5	1 U	1 U	1 U	5 U	1 U
Ethylbenzene		5	**0.73 J**	1 U	1 U	5 U	1 U
Total Xylene		5	**1.3 J**	1 U	1 U	5 U	2 U
Total BTEX (ND=0)		NE	**2.03**	ND	ND	ND	ND
NYSDEC PAH17	µg/L						
Acenaphthene		20*	**78**	**3 J**	10 U	10 U	**29**
Acenaphthylene			**6.6 J**	10 U	10 U	10 U	**9.5 J**
Anthracene		50*	**6.9 J**	**1 J**	10 U	10 U	**11**
Benzo(a)anthracene		0.002*	1 U	10 U	10 U	10 U	1 U
Benzo(b)fluoranthene		0.002*	1 U	10 U	10 U	10 U	1 U
Benzo(k)fluoranthene		0.002*	1 U	10 U	10 U	10 U	1 U
Benzo(g,h,i)perylene		NE	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		ND	1 U	10 U	10 U	10 U	1 U
Chrysene		0.002*	2.1 U	10 U	10 U	10 U	2 U
Dibenz(a,h)anthracene		NE	1 U	10 U	10 U	10 U	1 U
Fluoranthene		50*	**3.1 J**	**2 J**	10 U	10 U	**6.5 J**
Fluorene		50*	**54**	10 U	10 U	10 U	**7.7 J**
Indeno(1,2,3-cd)pyrene		0.002*	1 U	10 U	10 U	10 U	1 U
2-Methylnaphthalene		NE	10 U	10 U	10 U	10 U	10 U
Naphthalene		10*	**7.2 J**	10 U	10 U	10 U	**1.3 J***
Phenanthrene		50*	**96**	**1 J**	10 U	10 U	**46**
Pyrene		50*	**2.7 J**	**3 J**	10 U	10 U	**5.4 J**
Total PAH (17) (ND=0)		NE	**254.5**	**10**	ND	ND	**116.4**

Table Notes
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid, Bay Shore/Brightwaters Former MGP Site

Notes:

µg/L = micrograms per liter or parts per billion (ppb)
BTEX = benzene, toluene, ethylbenzene, and xylenes (a subset of VOCs)
PAHs = polycyclic aromatic hydrocarbons
Total BTEX and Total PAHs are calculated using detects only

"0" indicates results were below detection limits, and "0" is used instead of "ND" for calculation purposes.

NYS AWQS = New York State Ambient Water Quality Standards and Guidance Values for GA groundwater
* indicates the value is a guidance value and not a standard

Historic Minimum, Maximum and Mean calculations do not include data from the current quarter.
During the First and Second Quarter 2003 sampling events, select wells were sampled via bladder pump and peristaltic pump. In these cases, peristaltic pump results are shown on the table.

-- not analyzed or not applicable
NE = not established
ND = not detected; total concentration is listed as ND because no compounds were detected in the group

Bolding indicates a detected concentration
Shading and bolding indicates that the detected concentration is above the NYS AWQS

Data qualifiers:
B = The analyte was detected in the associated method blank.
D = results for dilution
J = estimated value
R = The result is rejected.
U = not detected to the reporting limit
UJ = not detected at or above the reporting limit shown and the reporting limit is estimated

Figures

LEGEND:

- GM-02AS — ACTIVE MONITORING WELL LOCATION
- MW-47W — INACTIVE OR HISTORICAL MONITORING WELL
- MW-19D — DESTROYED MONITORING WELL
- MW-06D — UNABLE TO LOCATE MONITORING WELL
- MW-59 — ABANDONED MONITORING WELL
- MW-68S — CONDITION UNKNOWN (IS OR POTENTIALLY LOCATED ON PRIVATE PROPERTY)
- OU2MW-01WT, OU2MW-01S, OU2MW-01I, OU2MW-01I2, OU2MW-01D — EXISTING MONITORING WELL CLUSTER LOCATION; WT=WATER TABLE, S=SHALLOW, I=INTERMEDIATE, I2= INTERMEDIATE TWO, D=DEEP
- TG-29I2 — TEMPORARY RECOVERY WELL
- OU2SG-07 — PERMANENT SOIL VAPOR SAMPLE LOCATION (2004 THROUGH 2010)
- OU2-AA01 — AMBIENT AIR SAMPLE LOCATION
- BBSW-06 — SURFACE WATER GAUGING STATION LOCATION
- INSTALLED OXYGEN INJECTION LINE
- OXYGEN INJECTION LINE - SHUT OFF
- ABANDONED OXYGEN INJECTION LINE
- HISTORICAL REMEDIAL INVESTIGATION 2004 PLUME BOUNDARY BASED ON >100 µg/L BTEX OR >100 µg/L TOTAL PAHs DETECTED IN GROUNDWATER
- OU-2, OU-3 AND OU-4 EXTENTS FROM BASELINE Q1 2009 BASED ON >100 µg/L BTEX OR >100 µg/L TOTAL PAHs DETECTED IN GROUNDWATER
- OU-2, OU-3 AND OU-4 EXTENTS FROM Q2 2017 BASED ON >100 µg/L BTEX OR >100 µg/L TOTAL PAHs DETECTED IN GROUNDWATER

WATCHOGUE CREEK/CRUM'S BROOK SEDIMENTS REMOVED AND CHANNEL RESTORED IN 2000

OU-1 BAY SHORE SITE

OU-2

OU-3 BRIGHTWATERS YARD SITE

OU-4

BAY SHORE WEST PARCEL

BRIGHTWATERS EAST PARCEL

FORMER BRIGHTWATERS YARD OXYGEN INJECTION SYSTEM (ABANDONED JUNE 2009)

FORMER OU-3 UNION BOULEVARD OXYGEN INJECTION SYSTEM (ABANDONED JULY 2010)

OZONE GROUNDWATER TREATMENT AREA

OU-1 UNION BOULEVARD OXYGEN INJECTION SYSTEM

33 N. CLINTON/ COOPER LANE OXYGEN INJECTION LINE

9 N. CLINTON OXYGEN INJECTION LINE

60/66 N. CLINTON OXYGEN INJECTION SYSTEM

34 N. CLINTON OXYGEN INJECTION LINE

29 COMMUNITY ROAD OXYGEN INJECTION LINE

COMMUNITY ROAD OXYGEN INJECTION LINE (STARTED IN Q2 2010)

87COMMUNITY ROAD OXYGEN INJECTION LINE (STARTED IN Q3 2013)

MONTAUK HIGHWAY OXYGEN INJECTION LINE

MANATUCK LANE OXYGEN INJECTION LINE

PLUME TAIL OXYGEN INJECTION LINE

O-CO-NEE POND

UNNAMED POND (HEADWATERS OF O-CO-NEE POND)

LAWRENCE LAKE

LAWRENCE CREEK (TIDAL)

WEST DRIVE; CENTER AVENUE; FIFTH AVENUE; CLINTON AVENUE; SMITH AVENUE; OCEAN AVENUE; BAY AVENUE; SOUTH CLINTON AVENUE (C.R. 13A); JOHNSON LANE; COMMUNITY ROAD; COOPER LANE; LANIER LANE; GARNER LANE; MANATUCK LANE; HEMLOCK LANE; EAST CT.; JAN CT.; MARC CT.; DEB CT.

OAK STREET; ACKERSON STREET; UNION BOULEVARD; SOUTH UNION STREET; LONG ISLAND RAILROAD - MONTAUK BRANCH; MECHANICSVILLE SERVICE ROAD; MONTAUK HIGHWAY; (S.R. 27A); GIBSON STREET; LINDEN PLACE; ORINOCO DRIVE

0 200' 400'
SCALE: 1" = 200'

SOURCES:

1. MAP TITLED "BAY SHORE/BRIGHTWATERS, FORMER MGP SITE FINAL REMEDIAL INVESTIGATION, BAY SHORE, NEW YORK, OFF-SITE SAMPLE LOCATION MAP" DATED: SEPT. 2002 BY DVIRKA AND BARTILUCCI.
2. FIGURE 2, GROUNDWATER MONITORING WELL AND SURFACE WATER GAUGING STATION LOCATION MAP, BAY SHORE/BRIGHTWATERS FORMER MGP SITE, SCALE: 1"=200', DATED JANUARY 2004, PREPARED BY VANASSE HANGEN BRUSTLIN, INC., MIDDLETOWN, CONNECTICUT.
3. DRAWING C-1, OFF-SITE SAMPLE LOCATION MAP, BAY SHORE/BRIGHTWATERS FINAL REMEDIAL INVESTIGATION, SCALE: 1"=200', DATED OCTOBER 15, 2003, PREPARED BY VANASSE HANGEN BRUSTLIN, INC., MIDDLETOWN, CONNECTICUT.
4. PROPERTY BOUNDARY LOCATIONS WERE DETERMINED BY OTHERS USING AERIAL PHOTOGRAPHS AND TAX MAPS. PROPERTY BOUNDARIES ARE APPROXIMATE AND MONITORING WELLS LOCATED NEAR OR AT PROPERTY BOUNDARIES DEPICTED ON THE MAP ARE WITHIN THE ROAD RIGHT-OF-WAY.

NOTES:

1. WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).
2. * INDICATES MONITORING WELL LOCATION SHOWN IS APPROXIMATE.

Bay Shore/Brightwaters
Former MGP Site
Bay Shore, New York

nationalgrid

GEI Consultants

MONITORING WELL, SOIL VAPOR SAMPLE, AMBIENT AIR SAMPLE, AND SURFACE WATER GAUGING STATION LOCATION MAP

Project 093180 | November 2017 | Fig. 1

\\gtb1v-fs01\ I:\Project\National Grid\Bay Shore\Groundwater-Quarterly Monitoring\2017\Figures\Q2\Bay Shore-Wells Figure 1 Q2-17.DWG - 9/5/2017

LEGEND:

- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED

OU-4 CESSPOOL EXCAVATION IRM (COMPLETED NOVEMBER 2005)

OU-4 CESSPOOL AREA EXCAVATION (EXCAVATION COMPLETED - JULY 2011)

OU-4 CESSPOOL AREA S-ISCO TREATMENT (COMPLETED DECEMBER 2009)

OU-4 UPGRADIENT EXCAVATION IRM (EXCAVATION COMPLETE - JUNE 2011)

OU-4 UPGRADIENT INVESTIGATION (COMPLETED SEPTEMBER 2009)

OU-4 POND AREA EXCAVATION IRM (EXCAVATION COMPLETED - AUGUST 2011)

WATCHOGUE CREEK/ CRUM'S BROOK

SEDIMENTS REMOVED AND CHANNEL RESTORED IN 2000

OU-1 ISCO PHASE 3 INVESTIGATION (COMPLETED SEPTEMBER 2009)

OU-4 GROUNDWATER MONITORING (ONGOING)

PERSULFATE PILOT STUDY (COMPLETED 2004)

FENTON'S PILOT STUDY (COMPLETED 2004)

OU-1 NORTH OXYGEN INJECTION SYSTEM (COMPLETED OCTOBER 2013)

OU-1 SOUTHERN CELL EXCAVATION AREA (COMPLETED APRIL 2007)

SISCO PILOT STUDY (2006)

SUBSURFACE CONTAINMENT BARRIER (COMPLETED MAY 2008)

1591/1575 UNION BOULEVARD PRE-DESIGN INVESTIGATION (COMPLETED - SEPTEMBER 2010)

TEMPORARY AND PERMANENT DNAPL RECOVERY WELL INSTALLATION (COMPLETED OCTOBER 2011)

OU-1 UNION BOULEVARD OXYGEN INJECTION LINE EXTENSION (COMPLETED - JUNE 2011)

OU-1 UNION BOULEVARD OXYGEN INJECTION SYSTEM (COMPLETED FEBRUARY 2008)

OU-1 OZONE INJECTION SYSTEM (COMPLETED OCTOBER 2009)

OU-1 EXCAVATION NORTH OF RAILROAD (COMPLETED AUGUST 2008)

TAR GOST® STUDY OU-1 NORTH & OU-1 SOUTH (PERFORMED AUGUST 2011)

33 N. CLINTON/COOPER LANE OXYGEN INJECTION LINE (COMPLETED MARCH 2009)

OU-1/OU-2 OXYGEN INJECTION SYSTEM MODIFICATIONS (COMPLETED OCTOBER 2013)

OU-1/OU-2 GROUNDWATER AND OXYGEN INJECTION SYSTEM OM&M (ONGOING)

DNAPL RECOVERY SYSTEM (COMPLETED 2006)

LIRR NORTH CLINTON AVENUE CROSSING SOIL EXCAVATION (COMPLETED OCTOBER 2012)

OU-1 UNION BLVD OXYGEN INJECTION SYSTEM MODIFICATIONS (COMPLETED JULY 2015)

BRIGHTWATERS YARD PRE-IRM SOIL AND GROUNDWATER SAMPLING (COMPLETED SEPTEMBER 2009)

66 N. CLINTON AVENUE (FORMER KING BEAR/SUMMERS LUMBER PROPERTY) OXYGEN INJECTION SYSTEM INSTALLATION (COMPLETED JANUARY 2010, RELOCATED OCTOBER 2013)

9 N. CLINTON OXYGEN INJECTION LINE (COMPLETED FEBRUARY 2009)

60/66 N. CLINTON AVENUE (FORMER KING BEAR/SUMMERS LUMBER PROPERTY) INVESTIGATION (COMPLETED JUNE 2009)

MONTAUK HIGHWAY OXYGEN INJECTION LINE (COMPLETED Q4 2005)

34 N. CLINTON OXYGEN INJECTION LINE (COMPLETED JANUARY 2009)

2001 AND 2004 ISOTEC INJECTION AREA

60/66 NORTH CLINTON AVENUE OXYGEN INJECTION SYSTEM RELOCATION (COMPLETED OCTOBER 2013)

60/66 N. CLINTON AVENUE (FORMER KING BEAR/SUMMERS LUMBER PROPERTY) EXCAVATION (COMPLETED APRIL 2010)

OU-2 29 COMMUNITY ROAD OXYGEN INJECTION LINE (COMPLETED - JUNE 2011, SHUT DOWN MARCH 26, 2015)

OU-3 COMMUNITY ROAD OXYGEN INJECTION SYSTEM INSTALLATION (COMPLETED APRIL 2010, RECONFIGURED MARCH 2012)

CLINTON AVENUE CROSSING INSTALLATION (COMPLETED SEPTEMBER 2009) AND THE INSTALLATION OF COOPER LANE OXYGEN INJECTION LINE (COMPLETED NOVEMBER 2009)

29 COMMUNITY ROAD PRE-DESIGN INVESTIGATION (COMPLETED JUNE 2010)

SUPPLEMENTAL IRM EXCAVATION AREAS (COMPLETED 2004)

87 COMMUNITY ROAD OXYGEN INJECTION SYSTEM (COMPLETED SEPTEMBER 2013) ADDITIONAL OXYGEN INJECTION WELLS INSTALLED WITHIN LIRR (COMPLETED JULY 2015)

OU-2 OXYGEN INJECTION SYSTEM MODIFICATIONS (COMPLETED OCTOBER 2013)

MANATUCK LANE OXYGEN INJECTION LINE (COMPLETED Q4 2005)

BRIGHTWATERS YARD OXYGEN INJECTION SYSTEM (INSTALLED 2004, ABANDONED JUNE 2009)

SUPPLEMENTAL ORC IRM (COMPLETED AUGUST 2013)

OU-3 STORM SEWER REHABILITATION CONFIRMATION SAMPLING (COMPLETED SEPTEMBER 2009)

LAINER LANE ORC IRMS (COMPLETED MARCH 2013 & JANUARY 2015)

PLUME TAIL HYDROLOGIC INVESTIGATION (COMPLETED SEPTEMBER 2009)

PLUME TAIL OXYGEN INJECTION SYSTEM INSTALLATION AND STARTUP (COMPLETED AUGUST 2009, SHUT DOWN MARCH 26, 2015)

OU-3 UNION BOULEVARD OXYGEN INJECTION SYSTEM (INSTALLED - 2000, ABANDONED - AUGUST 2010)

OU-3 OXYGEN INJECTION SYSTEM PRE-DESIGN AND PLUME INVESTIGATION (COMPLETED AUGUST 2009)

OU-3 POST LIRR EXCAVATION IRM GROUNDWATER EVALUATION (COMPLETED MARCH 2012)

OU-3 LIRR EXCAVATION IRM (PHASE 1 - COMPLETED FEBRUARY 2010) (PHASE 2 - COMPLETED JULY 2010) (PHASE 3 - COMPLETED SEPTEMBER 2010)

N. PARK AVE.
WEST DR.
CENTER AVENUE
FIFTH AVENUE
SMITH AVENUE
OCEAN AVENUE
BAY AVENUE
SOUTH CLINTON AVENUE
CLINTON AVENUE
CLINTON AVE. (C.R. 13A)
COMMUNITY ROAD
GARNER LANE
LANIER LANE
JOHNSON LANE
HEMLOCK LANE
OAK ST.
SOUTH ST.
MARC CT.
DEB CT.
EAST CT.
ACKERSON STREET
GIBSON ST.
LINDEN PL.
MANATUCK LANE
MONTAUK HWY.
SMITH AVENUE (S.R. 27A)
MONTAUK HWY. (S.R. 27A)
MECHANICSVILLE SERVICE RD.
UNION BOULEVARD
COMMUNITY ROAD
COOPER LANE
HIAWATHA DR.
ORINOCO DR.
LONG ISLAND RAILROAD

OU-1 BAY SHORE SITE
BAY SHORE WEST PARCEL
BAY SHORE WEST STORAGE LOT PARCEL
OU-3 BRIGHTWATERS YARD SITE
BRIGHTWATERS EAST PARCEL
OU-2

WATCHOGUE CREEK (TIDAL)
O-CO-NEE POND
UNNAMED POND (HEADWATERS OF O-CO-NEE POND)
LAWRENCE LAKE
LAWRENCE CREEK (TIDAL)

SOURCES:

1. MAP TITLED "BAY SHORE/BRIGHTWATERS, FORMER MGP SITE FINAL REMEDIAL INVESTIGATION, BAY SHORE, NEW YORK, OFF-SITE SAMPLE LOCATION MAP" DATED: SEPT. 2002 BY DVIRKA AND BARTILUCCI.
2. FIGURE 2, GROUNDWATER MONITORING WELL AND SURFACE WATER GAUGING STATION LOCATION MAP, BAY SHORE/BRIGHTWATERS FORMER MGP SITE, SCALE: 1"=200', DATED JANUARY 2004, PREPARED BY VANASSE HANGEN BRUSTLIN, INC., MIDDLETOWN, CONNECTICUT.
3. DRAWING C-1, OFF-SITE SAMPLE LOCATION MAP, BAY SHORE/BRIGHTWATERS FINAL REMEDIAL INVESTIGATION, SCALE: 1"=200', DATED OCTOBER 15, 2003, PREPARED BY VANASSE HANGEN BRUSTLIN, INC., MIDDLETOWN, CONNECTICUT.
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0 200' 400'
SCALE: 1" = 200'

Bay Shore/Brightwaters
Former MGP Site
Bay Shore, New York

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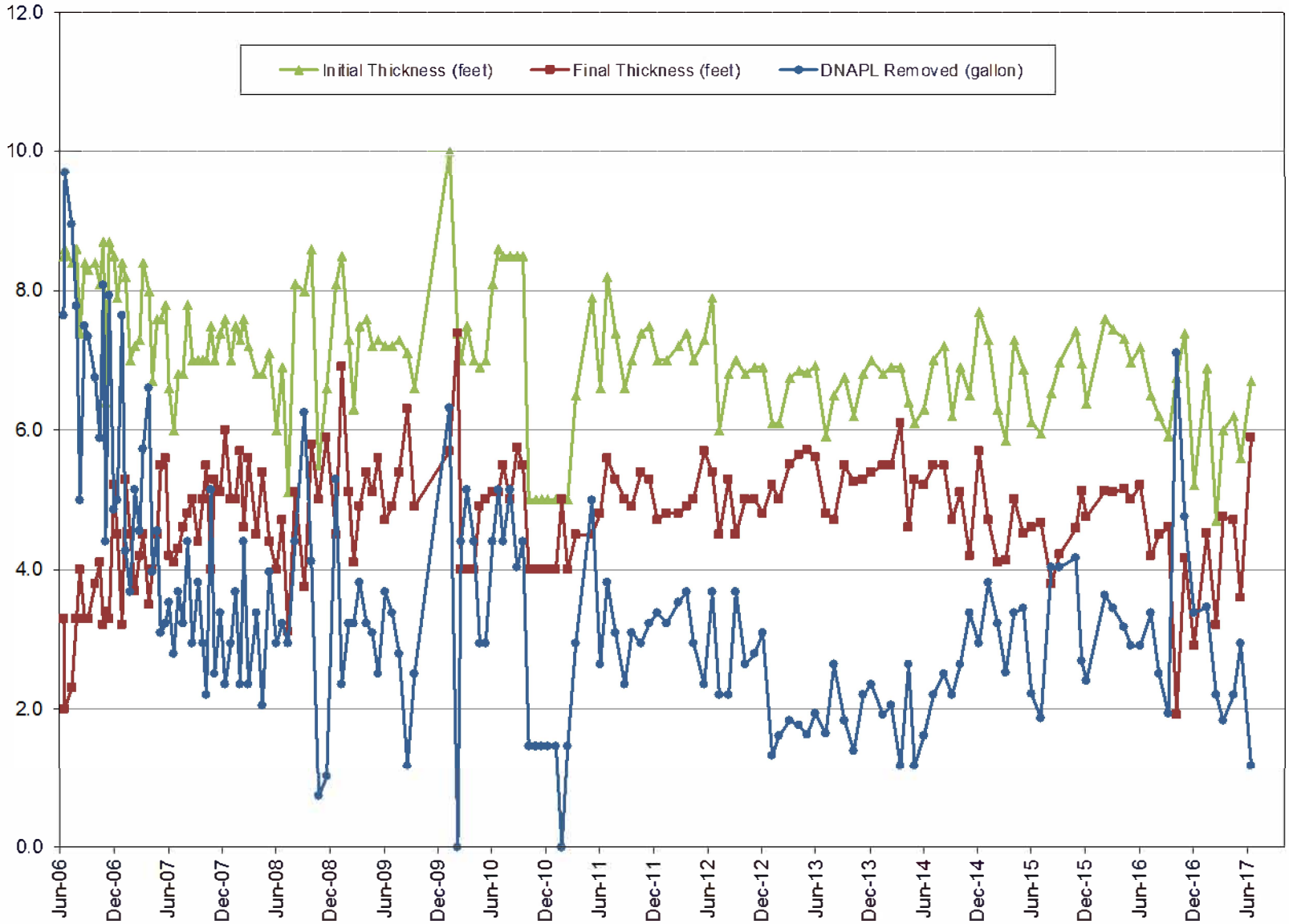
HISTORICAL SITEWIDE PROGRESS MAP

Project 093180 | November 2017 | Fig. 2

\\gtb1v-fs01\ I:\Project\National Grid\Bay Shore\Groundwater-Quarterly Monitoring\2017\Figures\Q2\Bay Shore-Sitewide Progress Q2-17.dwg - 8/21/2017



NOTE: DNAPL RECOVERY OPERATIONS WERE SUSPENDED IN Q4 2009 DUE TO CONSTRUCTION ACTIVITIES.

Bay Shore/Brightwaters
Former MGP Site
Bay Shore, New York

nationalgrid

GEI Consultants

DNAPL RECOVERY DATA
BBRW-02

Project 093180 | November 2017 | Fig. 3

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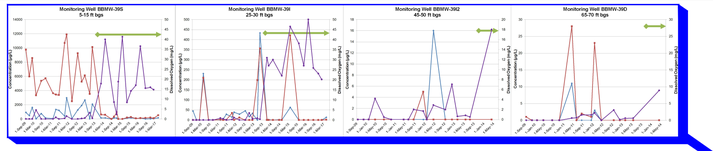

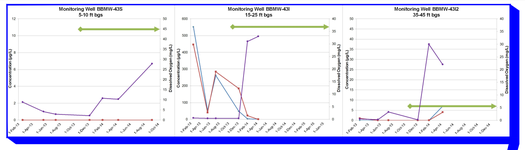

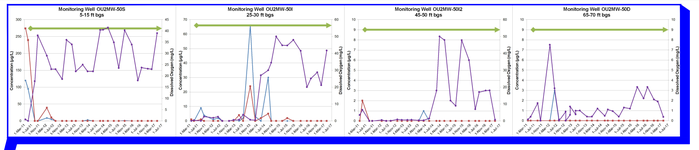

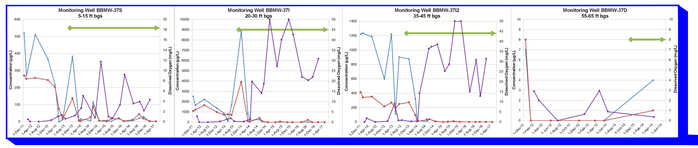

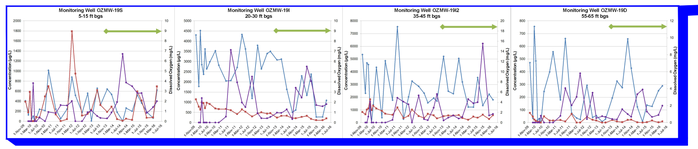

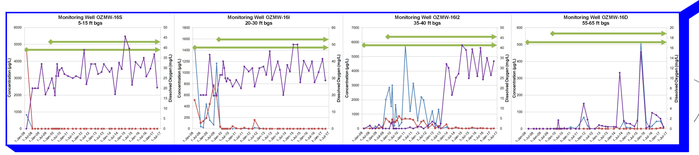

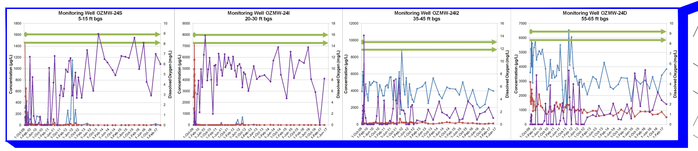

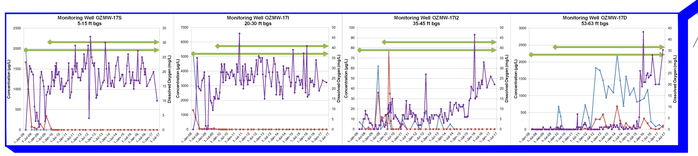

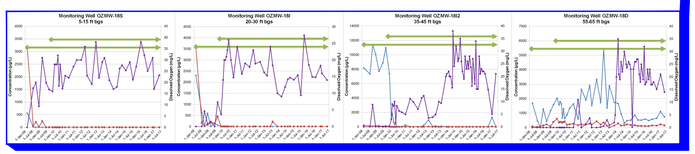

S-ISCO SYSTEM INJECTION AREA
WEST DR.
CENTER AVE.
OU-4 CESSPOOL EXCAVATION IRM
OU-4
WATCHOGUE CREEK/ CRUM'S BROOK
SMITH AVE.
OAK ST.
UNION BOULEVARD
OU-1 UNION BOULEVARD OXYGEN INJECTION SYSTEM
33 N. CLINTON/ COOPER LANE OXYGEN INJECTION LINE
FIFTH AVENUE
ACKERSON STREET
OZONE GROUNDWATER TREATMENT AREA
BAY SHORE SITE
OU-1
BAY SHORE WEST PARCEL
BAY SHORE WEST STORAGE LOT PARCEL
CLINTON AVENUE
UNION STREET
JAN CT.
MARC CT.
DEB CT.
MECHANICSVILLE SERVICE RD.
9 N. CLINTON OXYGEN INJECTION LINE
SUBSURFACE CONTAINMENT BARRIER
60/66 N. CLINTON OXYGEN INJECTION SYSTEM
COMMUNITY ROAD OXYGEN INJECTION LINE (STARTED IN Q2 2010)
LOMBARDY BLVD.
WOHSEEPEE DR.
BRIGHTWATERS EAST PARCEL
BRIGHTWATERS YARD SITE
OU-3
MONTAUK BRANCH
COMMUNITY ROAD
FORMER OU-3 UNION BOULEVARD OXYGEN INJECTION SYSTEM (ABANDONED JULY 2010)
34 N. CLINTON OXYGEN INJECTION LINE
29 COMMUNITY ROAD OXYGEN INJECTION LINE
COOPER LANE
LANIER LANE
HIAWATHA DR.
ORINOCO DR.
EAST CT.
FORMER BRIGHTWATERS YARD OXYGEN INJECTION SYSTEM (ABANDONED JUNE 2009)
87COMMUNITY ROAD OXYGEN INJECTION LINE (STARTED IN Q3 2013)
LONG ISLAND RAILROAD
BROOKLYN BLVD.
JOHNSON LANE
UNNAMED POND (HEADWATERS OF O-CO-NEE POND)
O-CO-NEE POND
HEMLOCK LANE
UNION BOULEVARD
E. ORINOCO CT.
MONTAUK HIGHWAY
(S.R. 27A)
MONTAUK HWY.
BAY AVE.
OCEAN AVE.
GIBSON ST.
LINDEN PL.
SOUTH CLINTON AVE.
(C.R. 13A)
MONTAUK HIGHWAY OXYGEN INJECTION LINE
OU-2
GARNER LANE
MANATUCK LANE
MANATUCK LANE OXYGEN INJECTION LINE
PLUME TAIL OXYGEN INJECTION LINE
LAWRENCE LAKE
LAWRENCE CREEK (TIDAL)
WATCHOGUE CREEK (TID...

BBMW-39S
BBMW-39I
BBMW-39I2
BBMW-39D
BBMW-43S
BBMW-43I
BBMW-43I2
OU2MW-50S
OU2MW-50I
OU2MW-50I2
OU2MW-50D
BBMW-42S
BBMW-42I
BBMW-42I2
BBMW-37S
BBMW-37I
BBMW-37I2
BBMW-37D
OZMW-19S
OZMW-19I
OZMW-19I2
OZMW-19D
OZMW-16S
OZMW-16I
OZMW-16I2
OZMW-16D
OZMW-23S
OZMW-23I
OZMW-23I2
OZMW-23D
OZMW-24S
OZMW-24I
OZMW-24I2
OZMW-24D
OZMW-17S
OZMW-17I
OZMW-17I2
OZMW-17D
OZMW-18S
OZMW-18I
OZMW-18I2
OZMW-18D

MAP LEGEND:

- ACTIVE MONITORING WELL
- BBMW-43S / BBMW-43I / BBMW-43D — ASSOCIATED TIME-SERIES CONCENTRATION GRAPH PROVIDED ON PLATE
- Q2 2017 INFERRED PLUME BOUNDARY
- HISTORICAL REMEDIAL INVESTIGATION 2004 PLUME BOUNDARY
- APPROXIMATE GROUNDWATER FLOW DIRECTION

GRAPH LEGEND:

- DISSOLVED OXYGEN
- BTEX (BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE)
- TOTAL PAH (POLYCYCLIC AROMATIC HYDROCARBONS)
- OXYGEN INJECTION SYSTEM - ACTIVE
- OXYGEN INJECTION SYSTEM - OFF
- UPGRADIENT TREATMENT SYSTEM OPERATIONAL PERIOD

N

0 200' 400'
SCALE: 1" = 200'

SOURCES:

1. MAP TITLED "BAY SHORE/BRIGHTWATERS, FORMER MGP SITE FINAL REMEDIAL INVESTIGATION, BAY SHORE, NEW YORK, OFF-SITE SAMPLE LOCATION MAP" DATED: SEPT. 2002 BY DVIRKA AND BARTILUCCI.
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Bay Shore/Brightwaters
Former MGP Site
Bay Shore, New York

nationalgrid

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OXYGEN INJECTION LINE GROUNDWATER DATA (OU-1)

Project 093180 | November 2017 | Fig. 4

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MAP LEGEND:

- ACTIVE MONITORING WELL
- OU2MW-19I / OU2MW-19I2 / OU2MW-19D — ASSOCIATED TIME-SERIES CONCENTRATION GRAPH PROVIDED ON PLATE
- Q2 2017 INFERRED PLUME BOUNDARY
- HISTORICAL REMEDIAL INVESTIGATION 2004 PLUME BOUNDARY
- APPROXIMATE GROUNDWATER FLOW DIRECTION

GRAPH LEGEND:

- DISSOLVED OXYGEN
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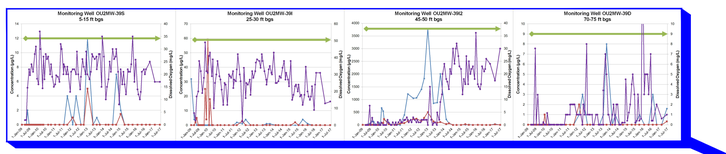
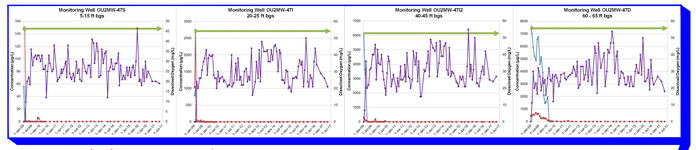
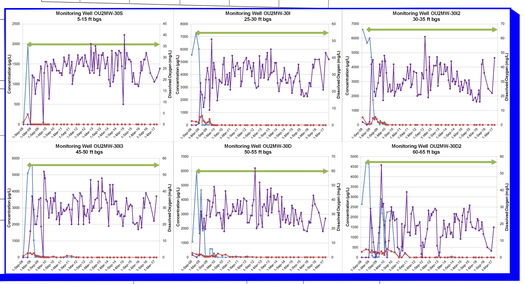
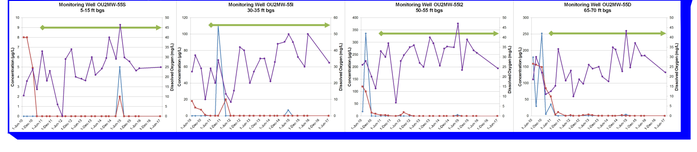
- TOTAL PAH (POLYCYCLIC AROMATIC HYDROCARBONS)
- OXYGEN INJECTION SYSTEM - ACTIVE
- OXYGEN INJECTION SYSTEM - OFF
- UPGRADIENT TREATMENT SYSTEM OPERATIONAL PERIOD

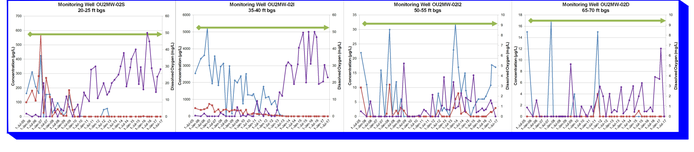
N











S-ISCO SYSTEM INJECTION AREA
WEST DR.
CENTER AVE.
OU-4 CESSPOOL EXCAVATION IRM
OU-4
WATCHOGUE CREEK/ CRUM'S BROOK
SMITH AVE.
OAK ST.
UNION BOULEVARD
OU-1 UNION BOULEVARD OXYGEN INJECTION SYSTEM
33 N. CLINTON/ COOPER LANE OXYGEN INJECTION LINE
FIFTH AVENUE
ACKERSON STREET
OZONE GROUNDWATER TREATMENT AREA
BAY SHORE SITE
OU-1
CLINTON AVENUE
BAY SHORE WEST PARCEL
BAY SHORE WEST STORAGE LOT PARCEL
SUBSURFACE CONTAINMENT BARRIER
60/66 N. CLINTON OXYGEN INJECTION SYSTEM
COMMUNITY ROAD OXYGEN INJECTION LINE (STARTED IN Q2 2010)
LOMBARDY BLVD.
WOHSEEPEE DR.
HIAWATHA DR.
ORINOCO DR.
BRIGHTWATERS EAST PARCEL
BRIGHTWATERS YARD SITE
OU-3
EAST CT.
MONTAUK BRANCH
COMMUNITY ROAD
FORMER OU-3 UNION BOULEVARD OXYGEN INJECTION SYSTEM (ABANDONED JULY 2010)
FORMER BRIGHTWATERS YARD OXYGEN INJECTION SYSTEM (ABANDONED JUNE 2009)
BROOKLYN BLVD.
LONG ISLAND RAILROAD
87COMMUNITY ROAD OXYGEN INJECTION LINE (STARTED IN Q3 2013)
JOHNSON LANE
HEMLOCK LANE
UNION BOULEVARD
E. ORINOCO CT.
SOUTH UNION STREET
JAN CT.
MARC CT.
DEB CT.
OU2MW-39S
OU2MW-39I
OU2MW-39I2
OU2MW-39D
OU2MW-19I
OU2MW-19I2
OU2MW-19D
CLINTON AVENUE
MECHANICSVILLE SERVICE RD.
9 N. CLINTON OXYGEN INJECTION LINE
OU2MW-47S
OU2MW-47I
OU2MW-47I2
OU2MW-47D
OU2MW-55S
OU2MW-55I
OU2MW-55I2
OU2MW-55D
OU2MW-30S
OU2MW-30I
OU2MW-30I2
OU2MW-30I3
OU2MW-30D
OU2MW-30D2
COMMUNITY ROAD
34 N. CLINTON OXYGEN INJECTION LINE
29 COMMUNITY ROAD OXYGEN INJECTION LINE
COOPER LANE
LANIER LANE
UNNAMED POND (HEADWATERS OF O-CO-NEE POND)
O-CO-NEE POND
MONTAUK HIGHWAY
(S.R. 27A)
MONTAUK HWY.
BAY AVE.
GIBSON ST.
(C.R. 13A)
SOUTH CLINTON AVE.
MONTAUK HIGHWAY OXYGEN INJECTION LINE
OU-2
OU2MW-02S
OU2MW-02I
OU2MW-02I2
OU2MW-02D
GARNER LANE
MANATUCK LANE
MANATUCK LANE OXYGEN INJECTION LINE
PLUME TAIL OXYGEN INJECTION LINE
LAWRENCE LAKE
LAWRENCE CREEK (TIDAL)
WATCHOGUE CREEK (TIDAL)

0 200' 400'
SCALE: 1" = 1200'

SOURCES:

1. MAP TITLED "BAY SHORE/BRIGHTWATERS, FORMER MGP SITE FINAL REMEDIAL INVESTIGATION, BAY SHORE, NEW YORK, OFF-SITE SAMPLE LOCATION MAP" DATED: SEPT. 2002 BY DVIRKA AND BARTILUCCI.
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Bay Shore/Brightwaters
Former MGP Site
Bay Shore, New York

nationalgrid

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OXYGEN INJECTION LINE GROUNDWATER DATA (OU-2)

Project 093180 | November 2017 | Fig. 5

\\gtb1v-fs01\ I:\Project\National Grid\Bay Shore\Groundwater-Quarterly Monitoring\2017\Figures\Q2\Bay Shore-Graphs Q2 2017.dwg - 9/6/2017

MAP LEGEND:

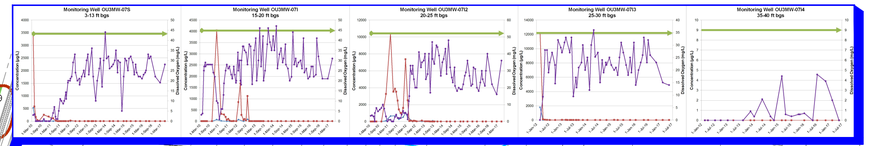
- ACTIVE MONITORING WELL
- MW-34S / MW-34I / MW-34D — ASSOCIATED TIME-SERIES CONCENTRATION GRAPH PROVIDED ON PLATE
- Q2 2017 INFERRED PLUME BOUNDARY
- HISTORICAL REMEDIAL INVESTIGATION 2004 PLUME BOUNDARY
- APPROXIMATE GROUNDWATER FLOW DIRECTION

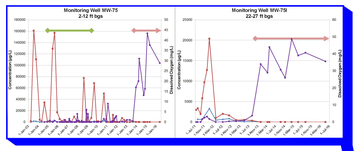
GRAPH LEGEND:

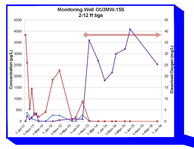
- DISSOLVED OXYGEN
- BTEX (BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE)
- TOTAL PAH (POLYCYCLIC AROMATIC HYDROCARBONS)
- OXYGEN INJECTION SYSTEM - ACTIVE
- OXYGEN INJECTION SYSTEM - OFF
- UPGRADIENT TREATMENT SYSTEM OPERATIONAL PERIOD
- 87 COMMUNITY RD TREATMENT SYSTEM OPERATIONAL PERIOD

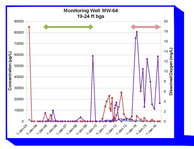
S-ISCO SYSTEM INJECTION AREA
WEST DR.
CENTER AVE.
OU-4 CESSPOOL EXCAVATION IRM
OAK ST.
SMITH AVE.
UNION BOULEVARD
OU-1 UNION BOULEVARD OXYGEN INJECTION SYSTEM
33 N. CLINTON/ COOPER LANE OXYGEN INJECTION LINE
FIFTH AVENUE
ACKERSON STREET
OZONE GROUNDWATER TREATMENT AREA
BAY SHORE SITE
OU-1
CLINTON AVENUE
BAY SHORE WEST PARCEL
BAY SHORE WEST STORAGE LOT PARCEL
SUBSURFACE CONTAINMENT BARRIER
UNION STREET
JAN CT.
MARC CT.
DEB CT.
SOUTH
MECHANICSVILLE SERVICE RD.
9 N. CLINTON OXYGEN INJECTION LINE
(S.R. 27A)
MONTAUK HWY.
BAY AVE.
GIBSON ST.
OCEAN AVE.
LINDEN PL.
WATCHOGUE CREEK
LOMBARDY BLVD.
WOHSEEPEE DR.
BRIGHTWATERS EAST PARCEL
BRIGHTWATERS YARD SITE
OU-3
MONTAUK BRANCH
60/66 N. CLINTON OXYGEN INJECTION SYSTEM
COMMUNITY ROAD OXYGEN INJECTION LINE (STARTED IN Q2 2010)
FORMER OU-3 UNION BOULEVARD OXYGEN INJECTION SYSTEM (ABANDONED JULY 2010)
34 N. CLINTON OXYGEN INJECTION LINE
29 COMMUNITY ROAD OXYGEN INJECTION LINE
COMMUNITY ROAD
COOPER LANE
LANIER LANE
(C.R. 13A)
SOUTH CLINTON AVE.
MONTAUK HIGHWAY OXYGEN INJECTION LINE
OU-2
GARNER LANE
MANATUCK LANE
MANATUCK LANE OXYGEN INJECTION LINE
PLUME TAIL OXYGEN INJECTION LINE
LAWRENCE LAKE
LAWRENCE CREEK (TIDAL)
PANAMA DR.
EAST CT.
ORINOCO DR.
BROOKLYN BLVD.
LONG ISLAND RAILROAD
FORMER BRIGHTWATERS YARD OXYGEN INJECTION SYSTEM (ABANDONED JUNE 2009)
87COMMUNITY ROAD OXYGEN INJECTION LINE (STARTED IN Q3 2013)
JOHNSON LANE
HEMLOCK LANE
UNION BOULEVARD
N. ORINOCO CT.
UNNAMED POND (HEADWATERS OF O-CO-NEE POND)
O-CO-NEE POND
MONTAUK HIGHWAY

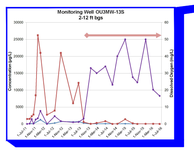
OU3MW-15S
MW-64S
MW-75
MW-75I
OU3MW-07S
OU3MW-07I
OU3MW-07D
OU3MW-07D3
OU3MW-07I4
IO-10
MW-46W-R
OU3MW-13S
OU3MW-14S
OU3MW-02S
OU3MW-02I
MW-70/70S
MW-34S
MW-34I
MW-34D
OU3MW-03S
OU3MW-03I
OU3MW-05S
OU3MW-05I
OU3MW-04S
OU3MW-04I
OU3MW-04D
OU3MW-04D2
OU3MW-04D3

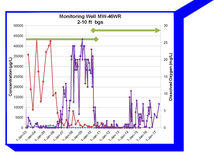


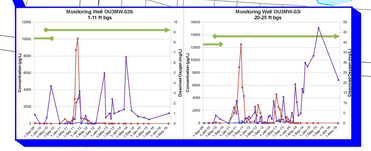


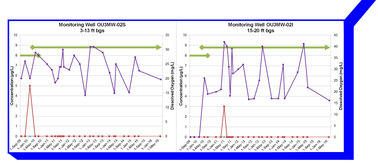


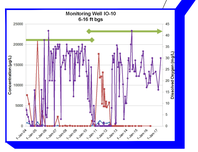


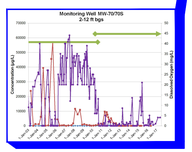


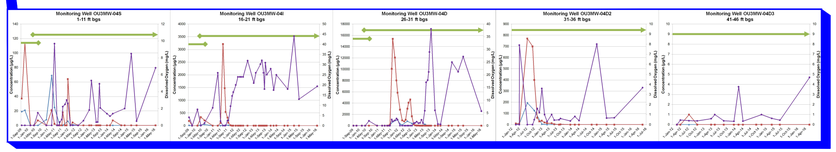


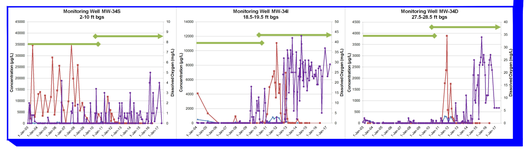


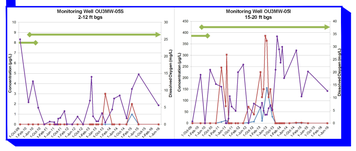












SOURCES:

1. MAP TITLED "BAY SHORE/BRIGHTWATERS, FORMER MGP SITE FINAL REMEDIAL INVESTIGATION, BAY SHORE, NEW YORK, OFF-SITE SAMPLE LOCATION MAP" DATED: SEPT. 2002 BY DVIRKA AND BARTILUCCI.
2. FIGURE 2, GROUNDWATER MONITORING WELL AND SURFACE WATER GAUGING STATION LOCATION MAP, BAY SHORE/BRIGHTWATERS FORMER MGP SITE, SCALE: 1"=200', DATED JANUARY 2004, PREPARED BY VANASSE HANGEN BRUSTLIN, INC., MIDDLETOWN, CONNECTICUT.
3. DRAWING C-1, OFF-SITE SAMPLE LOCATION MAP, BAY SHORE/BRIGHTWATERS FINAL REMEDIAL INVESTIGATION, SCALE: 1"=200', DATED OCTOBER 15, 2003, PREPARED BY VANASSE HANGEN BRUSTLIN, INC., MIDDLETOWN, CONNECTICUT.
4. PROPERTY BOUNDARY LOCATIONS WERE DETERMINED BY OTHERS USING AERIAL PHOTOGRAPHS AND TAX MAPS. PROPERTY BOUNDARIES ARE APPROXIMATE AND MONITORING WELLS LOCATED NEAR OR AT PROPERTY BOUNDARIES DEPICTED ON THE MAP ARE WITHIN THE ROAD RIGHT-OF-WAY.

0 200' 400'
SCALE: 1" = 200'

Bay Shore/Brightwaters
Former MGP Site
Bay Shore, New York

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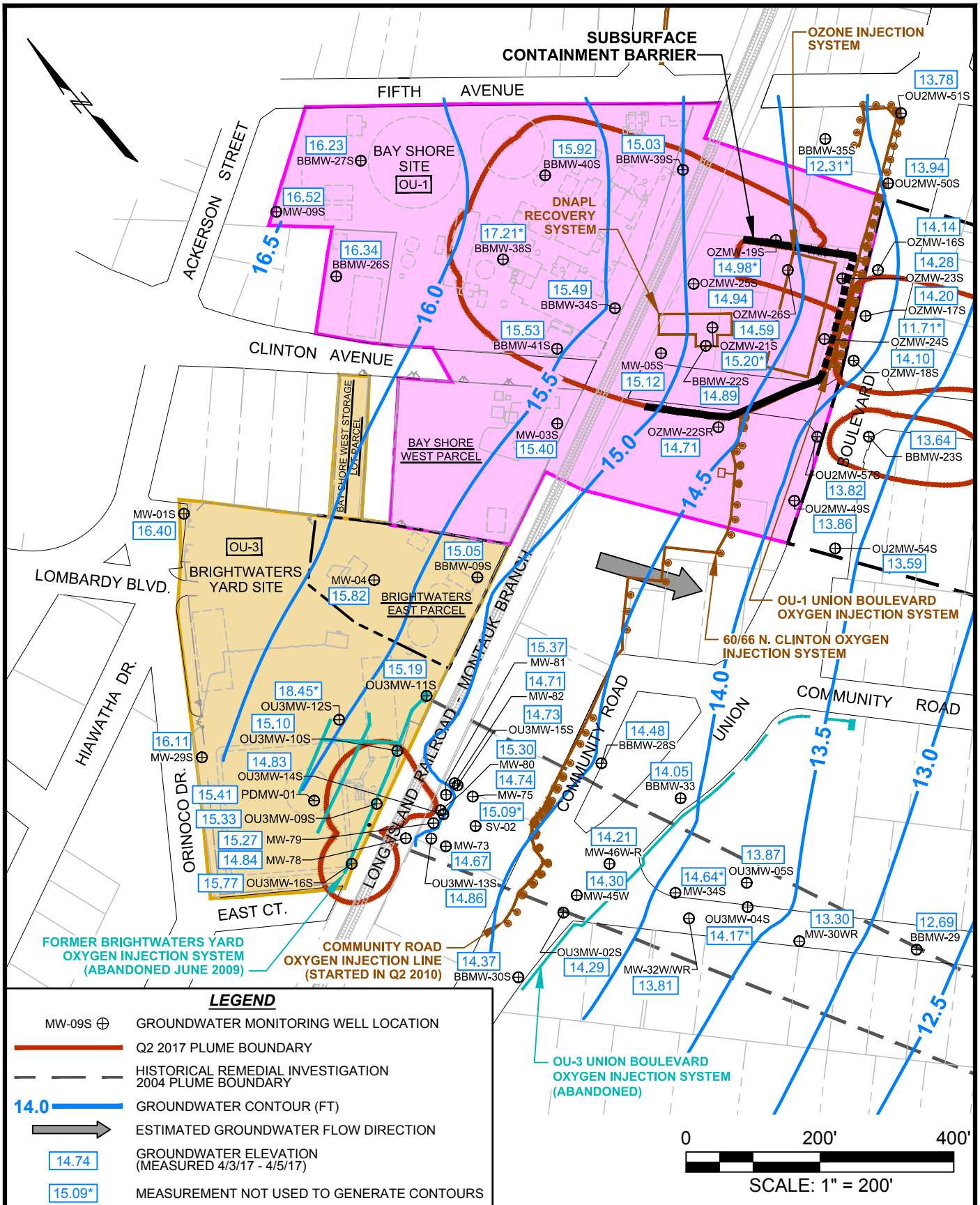
OXYGEN INJECTION LINE GROUNDWATER DATA (OU-3)

Project 093180 | November 2017 | Fig. 6

\\gtb1v-fs01\ I:\Project\National Grid\Bay Shore\Groundwater-Quarterly Monitoring\2017\Figures\Q2\Bay Shore-Graphs Q2 2017.dwg - 9/6/2017



LEGEND

- MW-09S ⊕ — GROUNDWATER MONITORING WELL LOCATION
- Q2 2017 PLUME BOUNDARY
- HISTORICAL REMEDIAL INVESTIGATION 2004 PLUME BOUNDARY
- 14.0 — GROUNDWATER CONTOUR (FT)
- ESTIMATED GROUNDWATER FLOW DIRECTION
- 14.74 — GROUNDWATER ELEVATION (MEASURED 4/3/17 - 4/5/17)
- 15.09* — MEASUREMENT NOT USED TO GENERATE CONTOURS

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ON-SITE
SHALLOW GROUNDWATER
CONTOUR MAP

Project 093180 | November 2017 | Fig. 7

\\gtb1v-fs01\ I:\Project\National Grid\Bay Shore\Groundwater-Quarterly Monitoring\2017\Figures\Q2\Bay Shore-Onsite-SGWC-Q2-17.dwg - 9/5/2017

LEGEND

- BBMW-23S ⊕ — GROUNDWATER MONITORING WELL LOCATION
- Q2 2017 PLUME BOUNDARY
- HISTORICAL REMEDIAL INVESTIGATION 2004 PLUME BOUNDARY
- 4.0 — GROUNDWATER CONTOUR (FT)
- ESTIMATED GROUNDWATER FLOW DIRECTION
- 15.20 — GROUNDWATER ELEVATION (MEASURED 4/3/17-4/5/17)
- 17.21* — MEASUREMENT NOT USED TO GENERATE CONTOURS

SUBSURFACE CONTAINMENT BARRIER
OZONE INJECTION SYSTEM
OU-1 UNION BOULEVARD OXYGEN INJECTION SYSTEM
33 N. CLINTON/ COOPER LANE OXYGEN INJECTION LINE
34 N. CLINTON OXYGEN INJECTION LINE
9 N. CLINTON OXYGEN INJECTION LINE
MONTAUK HIGHWAY OXYGEN INJECTION LINE
60/66 N. CLINTON OXYGEN INJECTION SYSTEM
OU-3 UNION BOULEVARD OXYGEN INJECTION SYSTEM (ABANDONED)
29 COMMUNITY ROAD OXYGEN INJECTION LINE
FORMER BRIGHTWATERS YARD OXYGEN INJECTION SYSTEM (ABANDONED JUNE 2009)
COMMUNITY ROAD OXYGEN INJECTION LINE (STARTED IN Q2 2010)
MANATUCK LANE OXYGEN INJECTION LINE
PLUME TAIL OXYGEN INJECTION LINE

WATCHOGUE CREEK/ CRUM'S BROOK
O-CO-NEE POND
UNNAMED POND (HEADWATERS OF O-CO-NEE POND)
LAWRENCE LAKE
LAWRENCE CREEK (TIDAL)

SOURCES:

1. MAP TITLED "BAY SHORE/BRIGHTWATERS, FORMER MGP SITE FINAL REMEDIAL INVESTIGATION, BAY SHORE, NEW YORK, OFF-SITE SAMPLE LOCATION MAP" DATED: SEPT. 2002 BY DVIRKA AND BARTILUCCI.
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0 300' 600'
SCALE: 1" = 300'

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Bay Shore, New York

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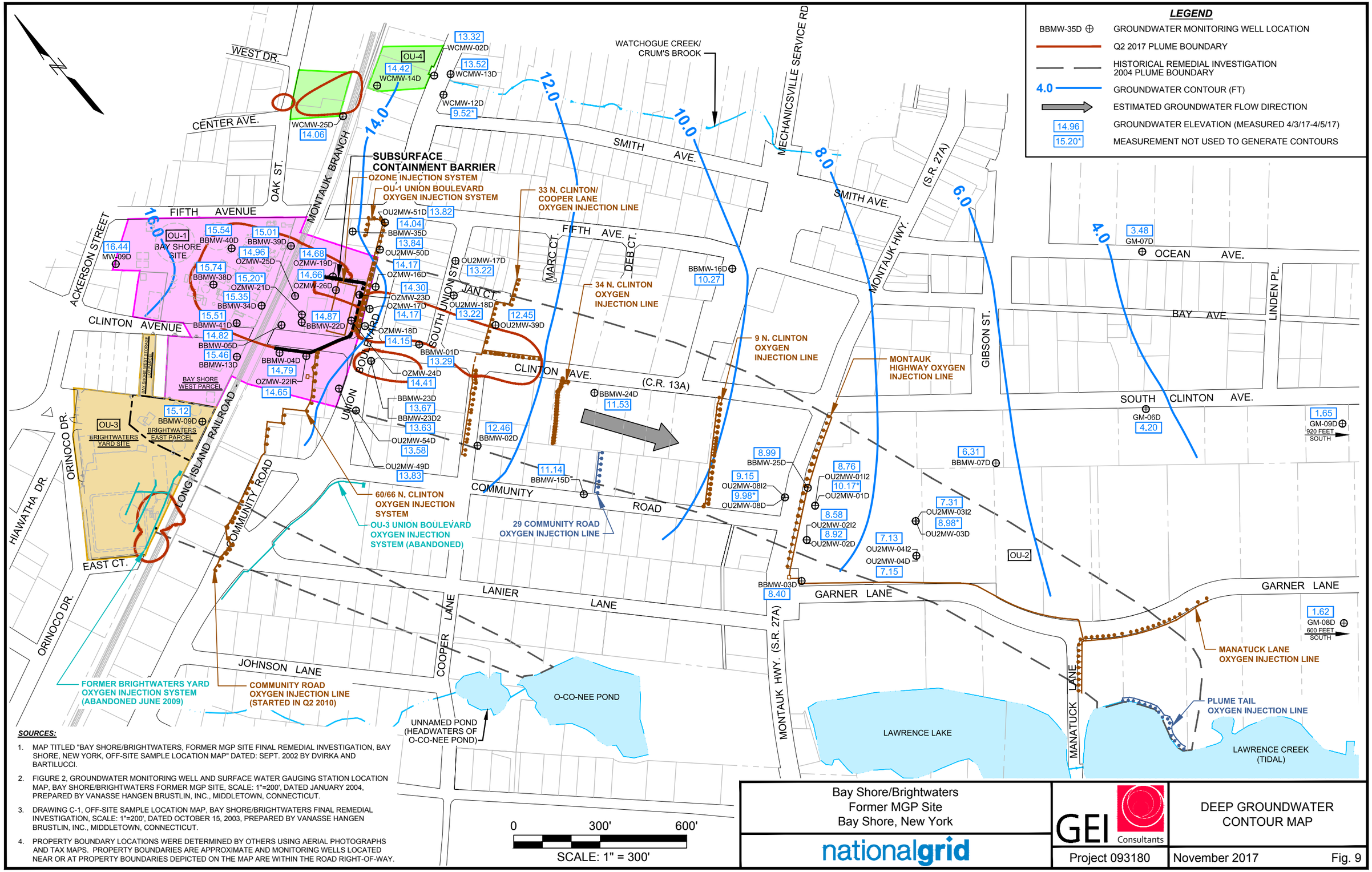
SHALLOW GROUNDWATER CONTOUR MAP

Project 093180 | November 2017 | Fig. 8

\\gtb1v-fs01\ I:\Project\National Grid\Bay Shore\Groundwater-Quarterly Monitoring\2017\Figures\Q2\Bay Shore-S-D_GWC-Q2-17.dwg - 9/5/2017



SOURCES:

1. MAP TITLED "BAY SHORE/BRIGHTWATERS, FORMER MGP SITE FINAL REMEDIAL INVESTIGATION, BAY SHORE, NEW YORK, OFF-SITE SAMPLE LOCATION MAP" DATED: SEPT. 2002 BY DVIRKA AND BARTILUCCI.
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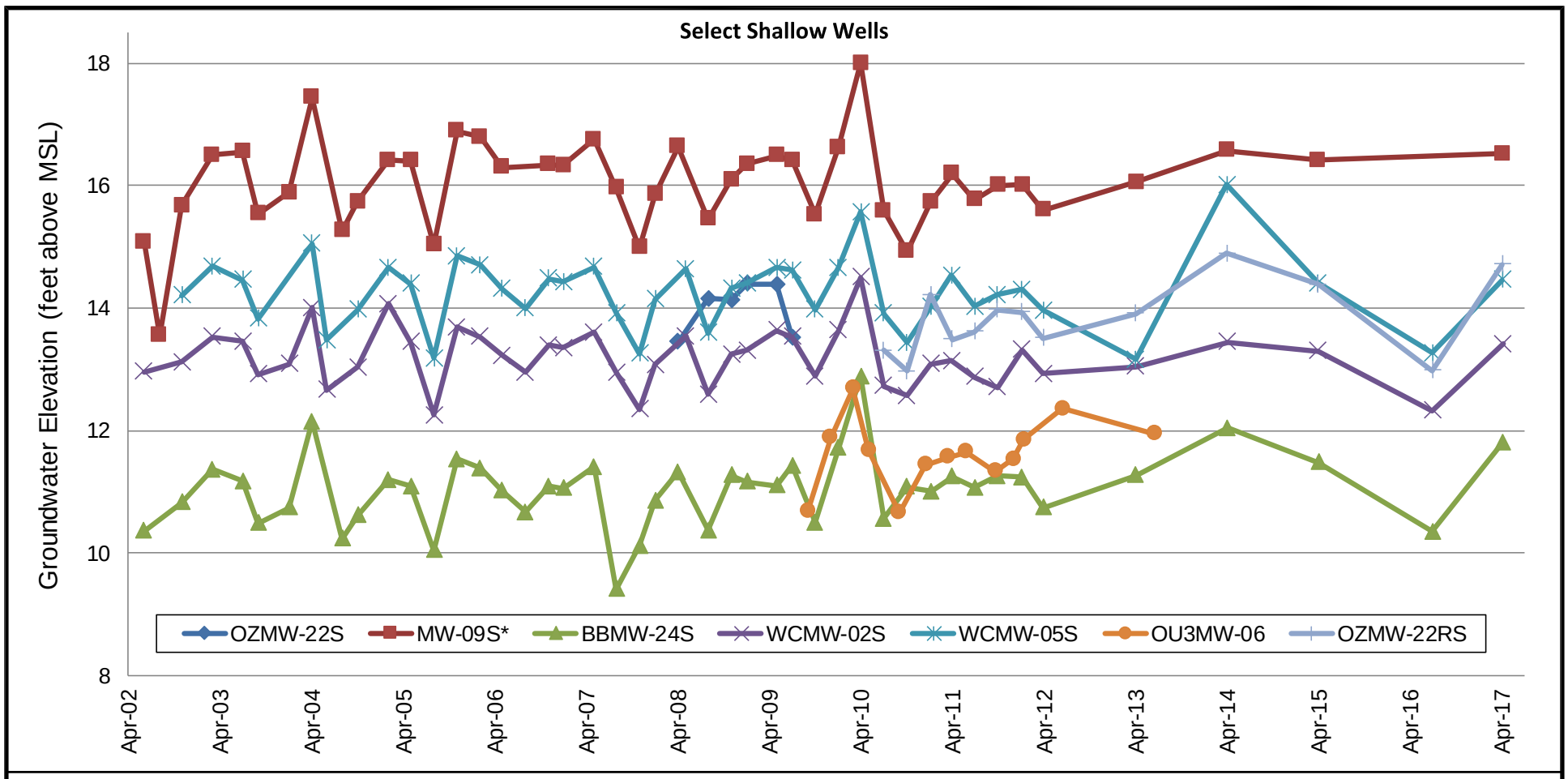
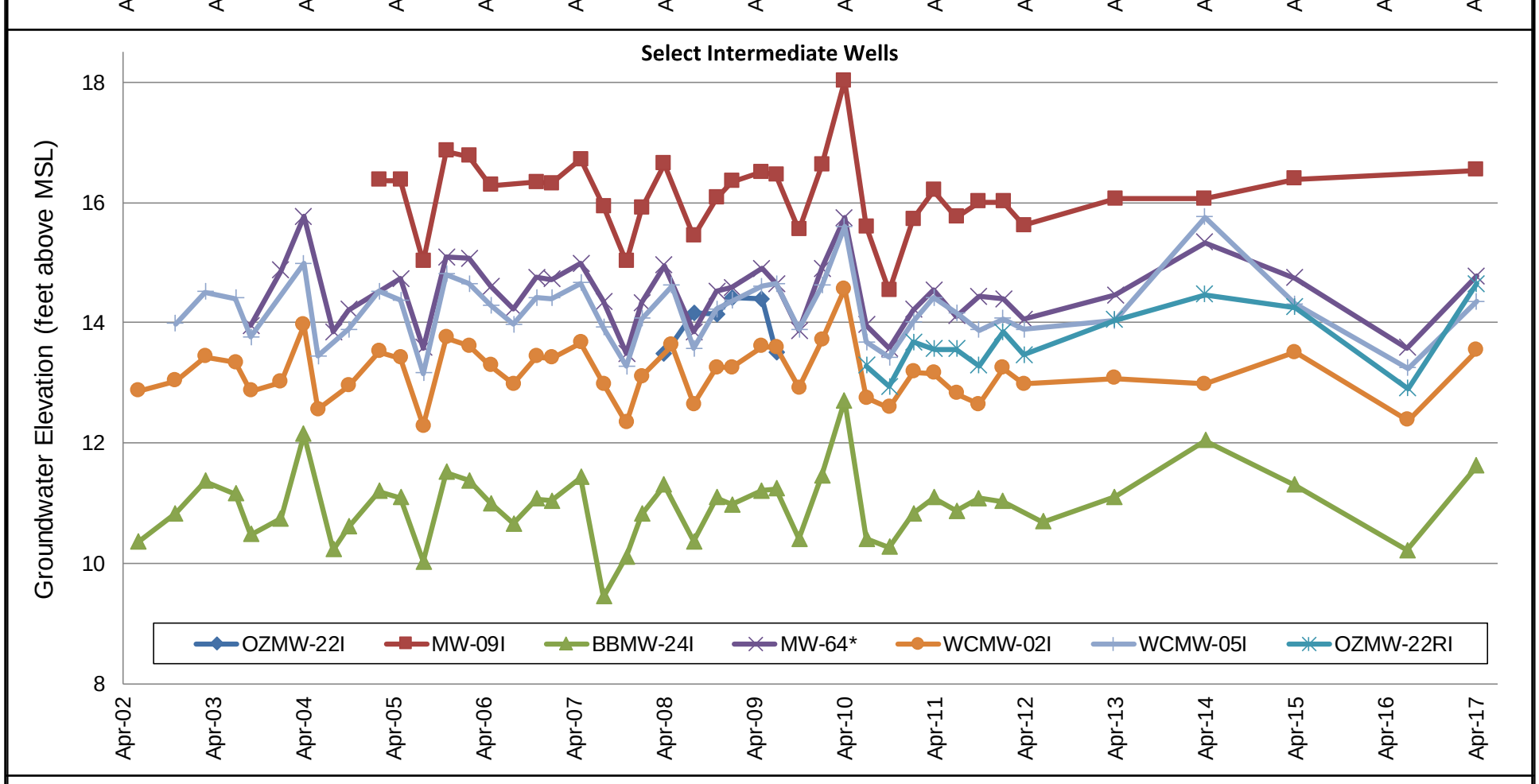
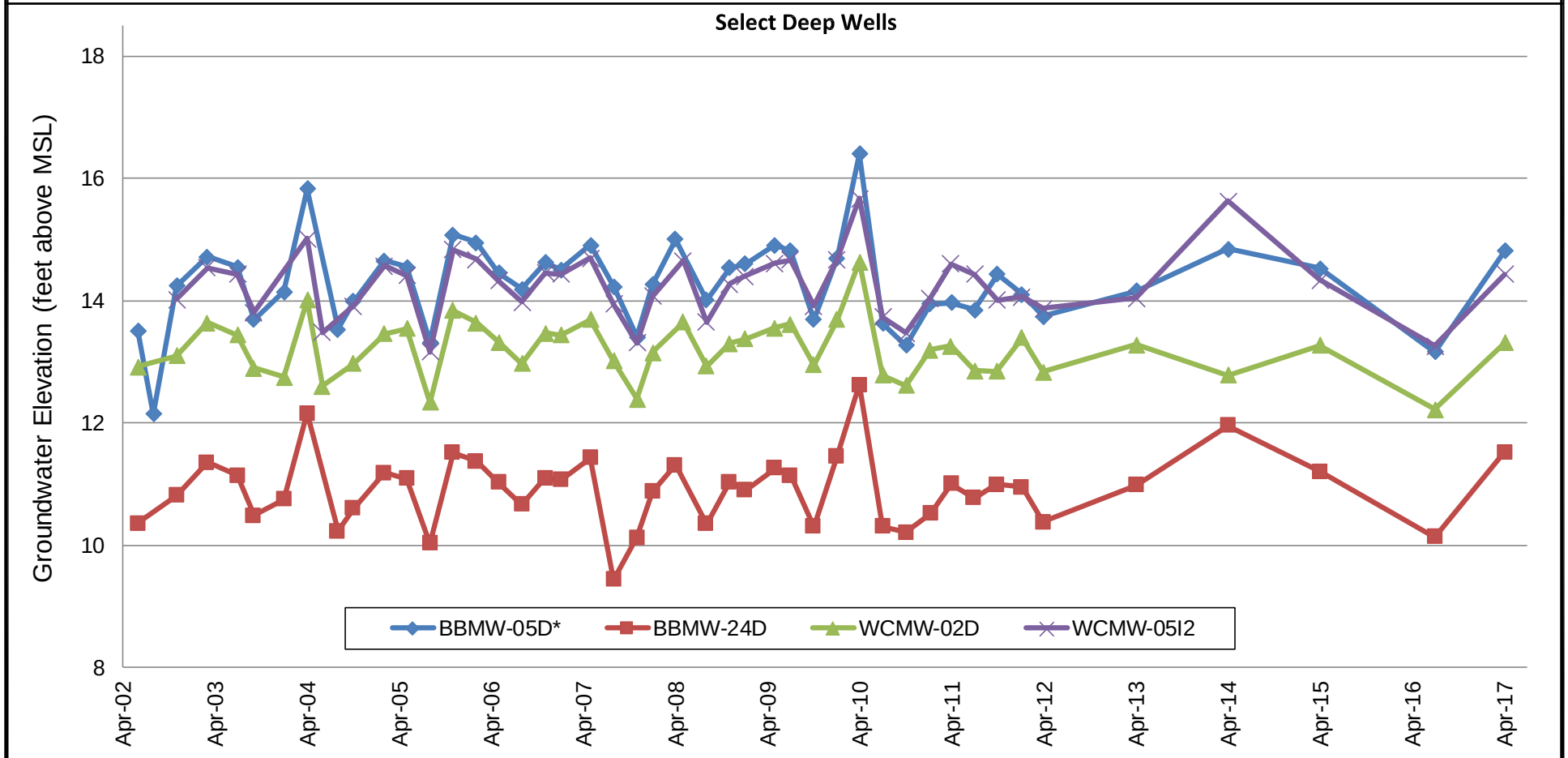
DEEP GROUNDWATER CONTOUR MAP

Project 093180 | November 2017 | Fig. 9

\\gtb1v-fs01\ I:\Project\National Grid\Bay Shore\Groundwater-Quarterly Monitoring\2017\Figures\Q2\Bay Shore-S-D_GWC-Q2-17.dwg - 9/5/2017







NOTES:

1. *DATA PRIOR TO JANUARY 2002 NOT SHOWN.
2. MSL = MEAN SEA LEVEL

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HYDROGRAPHS OF SELECT WELLS

Project 093180 | November 2017 | Fig. 10

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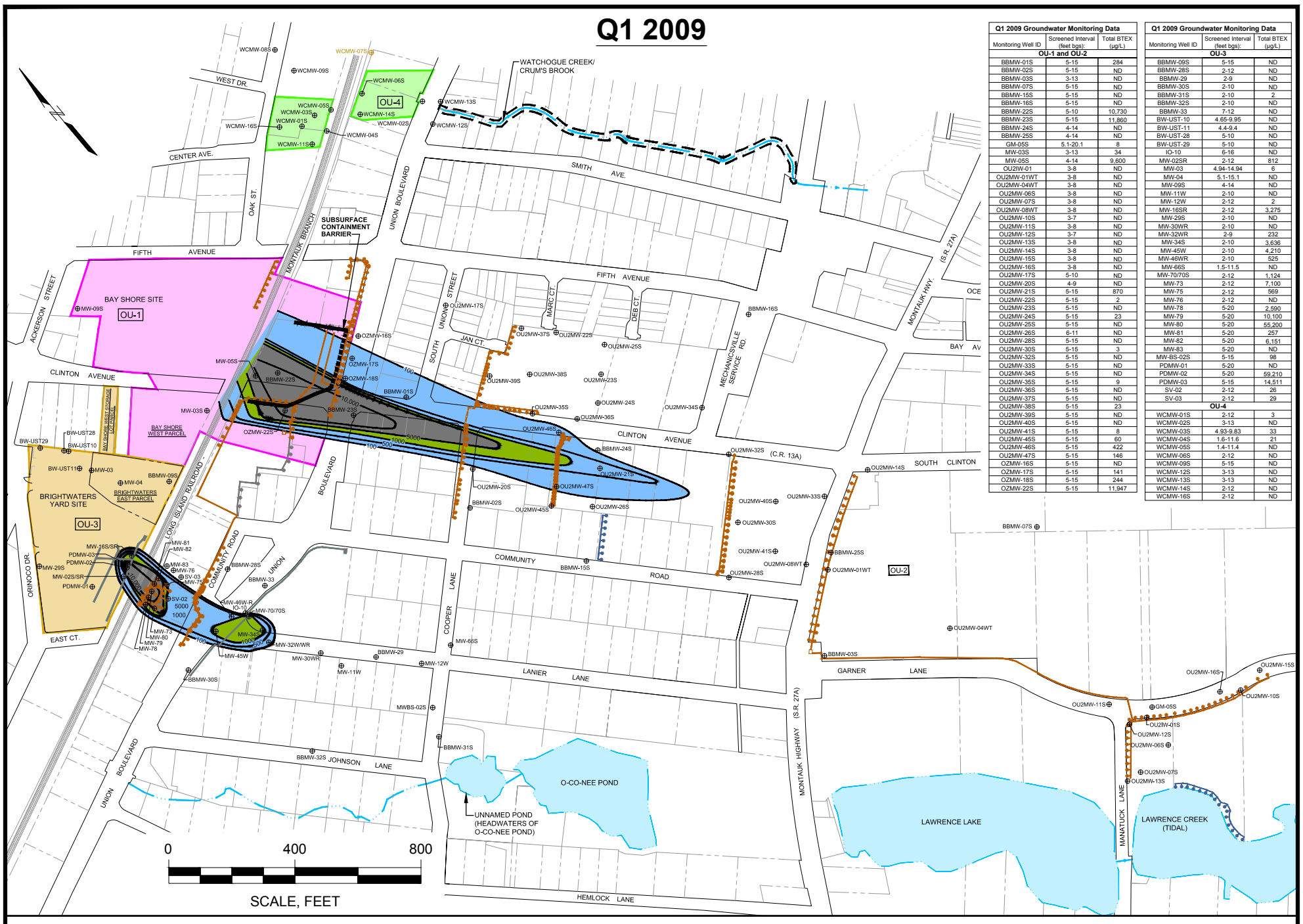
Q1 2009

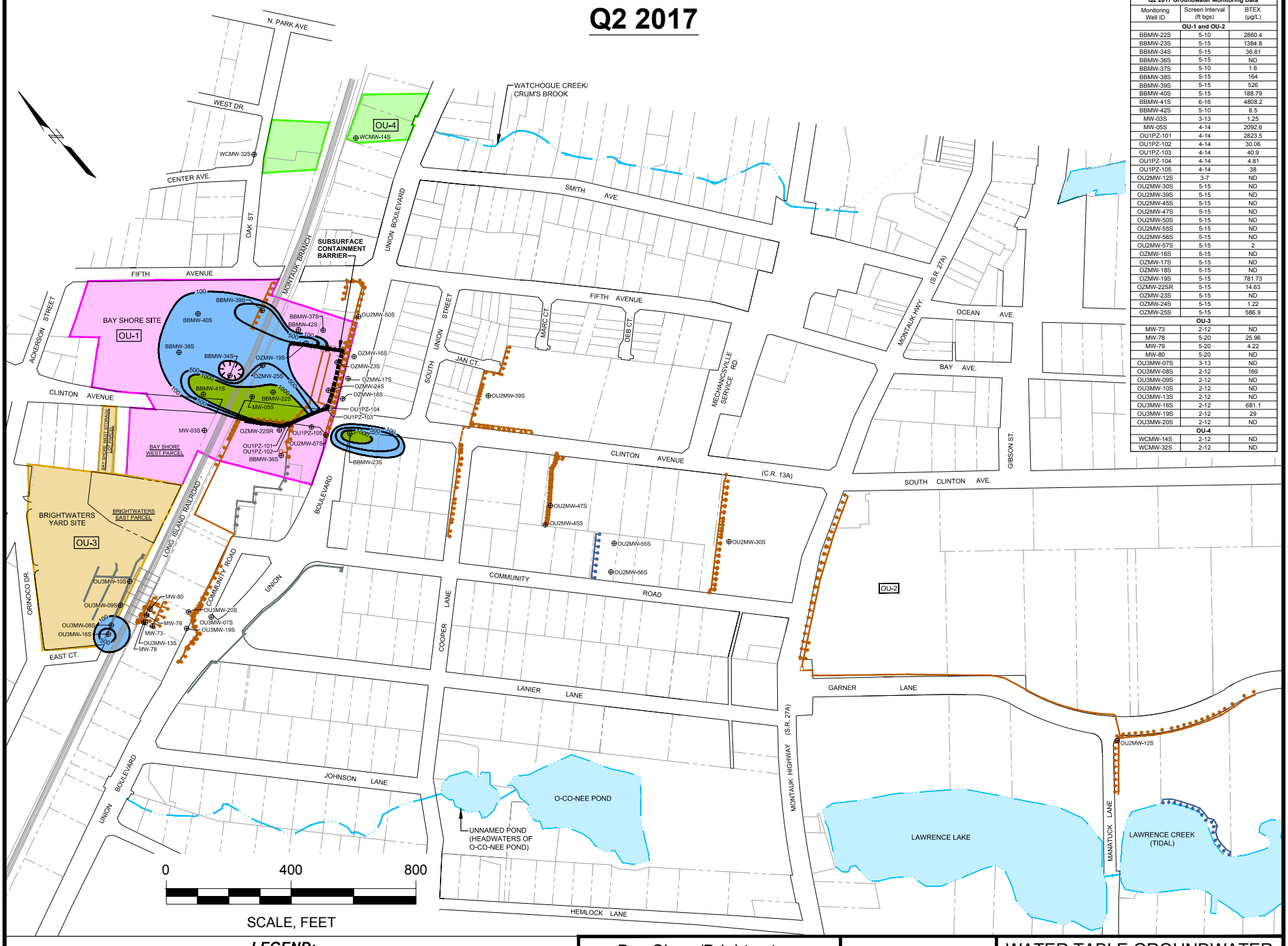
Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
BBMW-01S	5-15	284
BBMW-02S	5-15	ND
BBMW-03S	3-13	ND
BBMW-07S	5-15	ND
BBMW-15S	5-15	ND
BBMW-16S	5-15	ND
BBMW-22S	5-10	10,730
BBMW-23S	5-15	11,860
BBMW-24S	4-14	ND
BBMW-25S	4-14	ND
GM-05S	5.1-20.1	8
MW-03S	3-13	34
MW-05S	4-14	9,600
OU2IW-01	3-8	ND
OU2MW-01WT	3-8	ND
OU2MW-04WT	3-8	ND
OU2MW-06S	3-8	ND
OU2MW-07S	3-8	ND
OU2MW-08WT	3-8	ND
OU2MW-10S	3-7	ND
OU2MW-11S	3-8	ND
OU2MW-12S	3-7	ND
OU2MW-13S	3-8	ND
OU2MW-14S	3-8	ND
OU2MW-15S	3-8	ND
OU2MW-16S	3-8	ND
OU2MW-17S	5-10	ND
OU2MW-20S	4-9	ND
OU2MW-21S	5-15	870
OU2MW-22S	5-15	2
OU2MW-23S	5-15	ND
OU2MW-24S	5-15	23
OU2MW-25S	5-15	ND
OU2MW-26S	6-11	ND
OU2MW-28S	5-15	ND
OU2MW-30S	5-15	3
OU2MW-32S	5-15	ND
OU2MW-33S	5-15	ND
OU2MW-34S	5-15	ND
OU2MW-35S	5-15	9
OU2MW-36S	5-15	ND
OU2MW-37S	5-15	ND
OU2MW-38S	5-15	23
OU2MW-39S	5-15	ND
OU2MW-40S	5-15	ND
OU2MW-41S	5-15	8
OU2MW-45S	5-15	60
OU2MW-46S	5-15	422
OU2MW-47S	5-15	146
OZMW-16S	5-15	ND
OZMW-17S	5-15	141
OZMW-18S	5-15	244
OZMW-22S	5-15	11,947

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-3		
BBMW-09S	5-15	ND
BBMW-28S	2-12	ND
BBMW-29	2-9	ND
BBMW-30S	2-10	ND
BBMW-31S	2-10	2
BBMW-32S	2-10	ND
BBMW-33	7-12	ND
BW-UST-10	4.65-9.95	ND
BW-UST-11	4.4-9.4	ND
BW-UST-28	5-10	ND
BW-UST-29	5-10	ND
IO-10	6-16	ND
MW-02SR	2-12	812
MW-03	4.94-14.94	6
MW-04	5.1-15.1	ND
MW-09S	4-14	ND
MW-11W	2-10	ND
MW-12W	2-12	2
MW-16SR	2-12	3,275
MW-29S	2-10	ND
MW-30WR	2-10	ND
MW-32WR	2-9	232
MW-34S	2-10	3,636
MW-45W	2-10	4,210
MW-46WR	2-10	525
MW-66S	1.5-11.5	ND
MW-70/70S	2-12	1,124
MW-73	2-12	7,100
MW-75	2-12	569
MW-76	2-12	ND
MW-78	5-20	2,590
MW-79	5-20	10,100
MW-80	5-20	55,200
MW-81	5-20	257
MW-82	5-20	6,151
MW-83	5-20	ND
MW-BS-02S	5-15	98
PDMW-01	5-20	ND
PDMW-02	5-20	59,210
PDMW-03	5-15	14,511
SV-02	2-12	26
SV-03	2-12	29
OU-4		
WCMW-01S	2-12	3
WCMW-02S	3-13	ND
WCMW-03S	4.93-9.83	33
WCMW-04S	1.6-11.6	21
WCMW-05S	1.4-11.4	ND
WCMW-06S	2-12	ND
WCMW-09S	5-15	ND
WCMW-12S	3-13	ND
WCMW-13S	3-13	ND
WCMW-14S	2-12	ND
WCMW-16S	2-12	ND



Q2 2017

Q2 2017 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2		
BBMW-22S	5-10	2860.4
BBMW-23S	5-15	1384.8
BBMW-34S	5-15	36.81
BBMW-36S	5-15	ND
BBMW-37S	5-10	1.6
BBMW-38S	5-15	164
BBMW-39S	5-15	526
BBMW-40S	5-15	188.79
BBMW-41S	6-16	4808.2
BBMW-42S	5-10	8.5
MW-03S	3-13	1.25
MW-05S	4-14	2092.6
OU1PZ-101	4-14	2823.5
OU1PZ-102	4-14	30.06
OU1PZ-103	4-14	40.9
OU1PZ-104	4-14	4.81
OU1PZ-105	4-14	38
OU2MW-12S	3-7	ND
OU2MW-30S	5-15	ND
OU2MW-39S	5-15	ND
OU2MW-45S	5-15	ND
OU2MW-47S	5-15	ND
OU2MW-50S	5-15	ND
OU2MW-55S	5-15	ND
OU2MW-56S	5-15	ND
OU2MW-57S	5-15	2
OZMW-16S	5-15	ND
OZMW-17S	5-15	ND
OZMW-18S	5-15	ND
OZMW-19S	5-15	781.73
OZMW-22SR	5-15	14.63
OZMW-23S	5-15	ND
OZMW-24S	5-15	1.22
OZMW-25S	5-15	586.9
OU-3		
MW-73	2-12	ND
MW-78	5-20	25.96
MW-79	5-20	4.22
MW-80	5-20	ND
OU3MW-07S	3-13	ND
OU3MW-08S	2-12	169
OU3MW-09S	2-12	ND
OU3MW-10S	2-12	ND
OU3MW-13S	2-12	ND
OU3MW-16S	2-12	681.1
OU3MW-19S	2-12	29
OU3MW-20S	2-12	ND
OU-4		
WCMW-14S	2-12	ND
WCMW-32S	2-12	ND



LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- BTEX ≧100 µg/L
- BTEX ≧1,000 µg/L
- BTEX ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- BTEX — BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

Bay Shore/Brightwaters
Former MGP Site
Bay Shore, New York

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WATER TABLE GROUNDWATER
TOTAL BTEX
ISO-CONCENTRATION MAPS
(0-10 FEET BGS)

Project 093180 | November 2017 | Fig. 11

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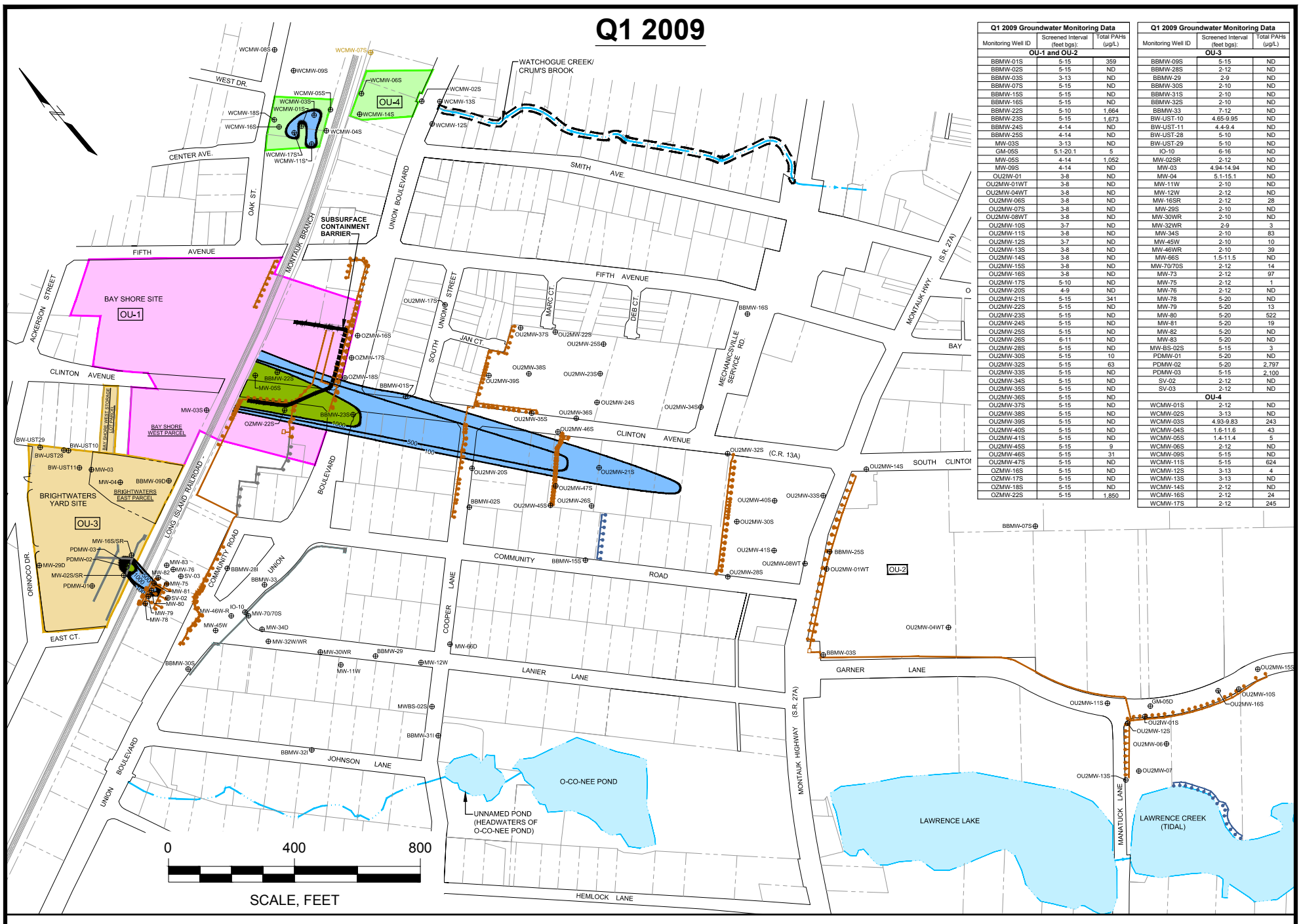
Q1 2009



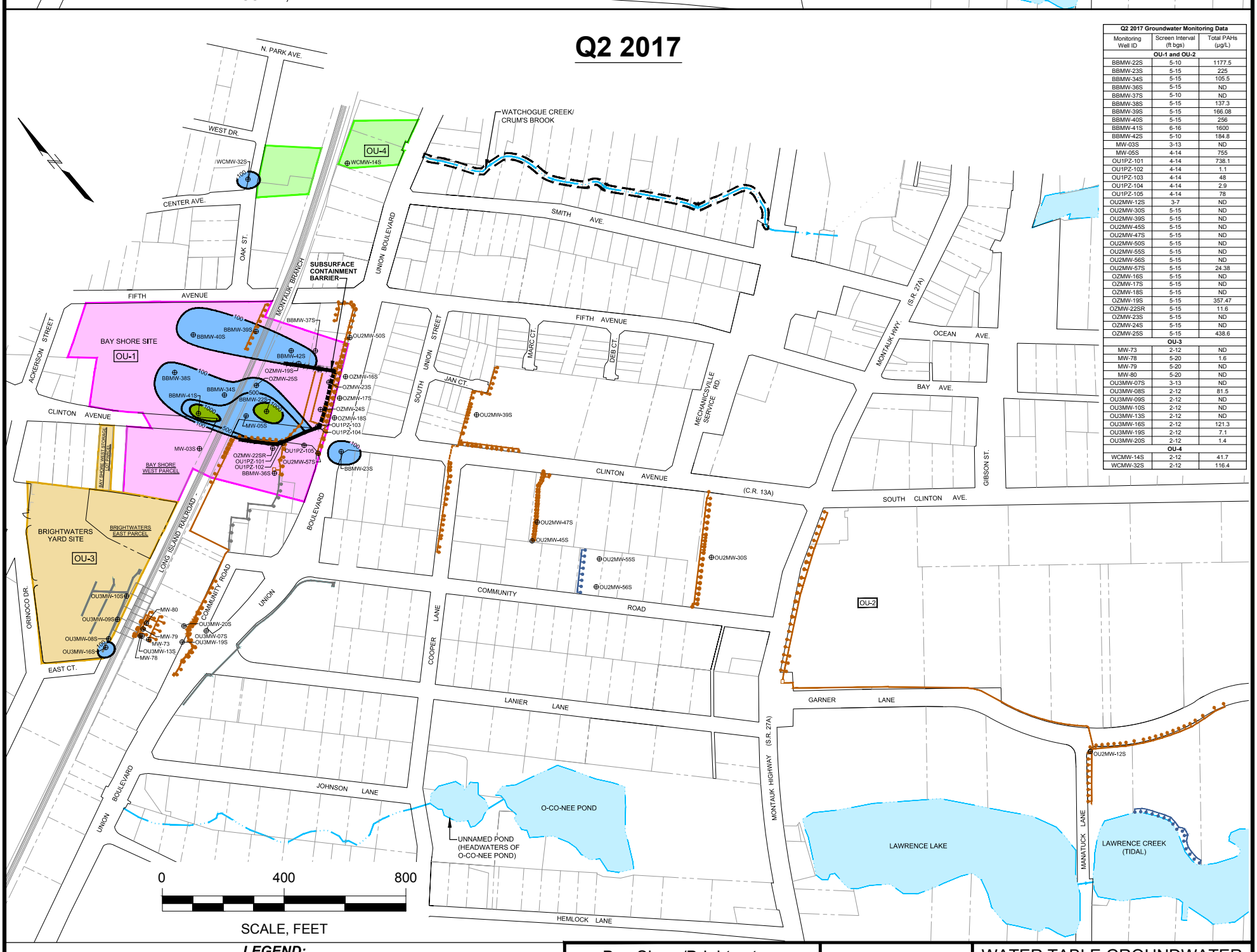
Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01S	5-15	359
BBMW-02S	5-15	ND
BBMW-03S	3-13	ND
BBMW-07S	5-15	ND
BBMW-15S	5-15	ND
BBMW-16S	5-15	ND
BBMW-22S	5-10	1,664
BBMW-23S	5-15	1,673
BBMW-24S	4-14	ND
BBMW-25S	4-14	ND
MW-03S	3-13	ND
GM-05S	5.1-20.1	5
MW-05S	4-14	1,052
MW-09S	4-14	ND
OU2IW-01	3-8	ND
OU2MW-01WT	3-8	ND
OU2MW-04WT	3-8	ND
OU2MW-06S	3-8	ND
OU2MW-07S	3-8	ND
OU2MW-08WT	3-8	ND
OU2MW-10S	3-7	ND
OU2MW-11S	3-8	ND
OU2MW-12S	3-7	ND
OU2MW-13S	3-8	ND
OU2MW-14S	3-8	ND
OU2MW-15S	3-8	ND
OU2MW-16S	3-8	ND
OU2MW-17S	5-10	ND
OU2MW-20S	4-9	ND
OU2MW-21S	5-15	341
OU2MW-22S	5-15	ND
OU2MW-23S	5-15	ND
OU2MW-24S	5-15	ND
OU2MW-25S	5-15	ND
OU2MW-26S	6-11	ND
OU2MW-28S	5-15	ND
OU2MW-30S	5-15	10
OU2MW-32S	5-15	63
OU2MW-33S	5-15	ND
OU2MW-34S	5-15	ND
OU2MW-35S	5-15	ND
OU2MW-36S	5-15	ND
OU2MW-37S	5-15	ND
OU2MW-38S	5-15	ND
OU2MW-39S	5-15	ND
OU2MW-40S	5-15	ND
OU2MW-41S	5-15	9
OU2MW-46S	5-15	31
OU2MW-47S	5-15	ND
OZMW-16S	5-15	ND
OZMW-17S	5-15	ND
OZMW-18S	5-15	ND
OZMW-22S	5-15	1,850

Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-3		
BBMW-09S	5-15	ND
BBMW-28S	2-12	ND
BBMW-29	2-9	ND
BBMW-30S	2-10	ND
BBMW-31S	2-10	ND
BBMW-32S	2-10	ND
BBMW-33	7-12	ND
BW-UST-10	4.65-9.95	ND
BW-UST-11	4.4-9.4	ND
BW-UST-28	5-10	ND
BW-UST-29	5-10	ND
IO-10	6-16	ND
MW-02SR	2-12	ND
MW-03	4.94-14.94	ND
MW-04	5.1-15.1	ND
MW-11W	2-10	ND
MW-12W	2-12	ND
MW-16SR	2-12	28
MW-29S	2-10	ND
MW-30WR	2-10	ND
MW-32WR	2-9	3
MW-34S	2-10	83
MW-45W	2-10	10
MW-46WR	2-10	39
MW-66S	1.5-11.5	ND
MW-70/70S	2-12	14
MW-73	2-12	97
MW-75	2-12	1
MW-76	2-12	ND
MW-78	5-20	ND
MW-79	5-20	13
MW-80	5-20	522
MW-81	5-20	19
MW-82	5-20	ND
MW-83	5-20	ND
MW-BS-02S	5-15	3
PDMW-01	5-20	ND
PDMW-02	5-20	2,797
PDMW-03	5-15	2,100
SV-02	2-12	ND
SV-03	2-12	ND
OU-4		
WCMW-01S	2-12	ND
WCMW-02S	3-13	ND
WCMW-03S	4.93-9.83	243
WCMW-04S	1.6-11.6	43
WCMW-05S	1.4-11.4	5
WCMW-06S	2-12	ND
WCMW-09S	5-15	ND
WCMW-11S	5-15	624
WCMW-12S	3-13	4
WCMW-13S	3-13	ND
WCMW-14S	2-12	ND
WCMW-16S	2-12	24
WCMW-17S	2-12	245

Q2 2017



Q2 2017 Groundwater Monitoring Data

Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-22S	5-10	1177.5
BBMW-23S	5-15	225
BBMW-34S	5-15	105.5
BBMW-36S	5-15	ND
BBMW-37S	5-10	ND
BBMW-38S	5-15	137.3
BBMW-39S	5-15	166.08
BBMW-40S	5-15	256
BBMW-41S	6-16	1600
BBMW-42S	5-10	184.8
MW-03S	3-13	ND
MW-05S	4-14	755
OU1PZ-101	4-14	738.1
OU1PZ-102	4-14	1.1
OU1PZ-103	4-14	48
OU1PZ-104	4-14	2.9
OU1PZ-105	4-14	78
OU2MW-12S	3-7	ND
OU2MW-30S	5-15	ND
OU2MW-39S	5-15	ND
OU2MW-45S	5-15	ND
OU2MW-47S	5-15	ND
OU2MW-50S	5-15	ND
OU2MW-55S	5-15	ND
OU2MW-56S	5-15	ND
OU2MW-57S	5-15	24.38
OZMW-16S	5-15	ND
OZMW-17S	5-15	ND
OZMW-18S	5-15	ND
OZMW-19S	5-15	357.47
OZMW-22SR	5-15	11.6
OZMW-23S	5-15	ND
OZMW-24S	5-15	ND
OZMW-25S	5-15	438.6
OU-3		
MW-73	2-12	ND
MW-78	5-20	1.6
MW-79	5-20	ND
MW-80	5-20	ND
OU3MW-07S	3-13	ND
OU3MW-08S	2-12	81.5
OU3MW-09S	2-12	ND
OU3MW-10S	2-12	ND
OU3MW-13S	2-12	ND
OU3MW-16S	2-12	121.3
OU3MW-19S	2-12	7.1
OU3MW-20S	2-12	1.4
OU-4		
WCMW-14S	2-12	41.7
WCMW-32S	2-12	116.4

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- PAH — POLYCYCLIC AROMATIC HYDROCARBONS
- TOTAL PAH ≧100 µg/L
- TOTAL PAH ≧1,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

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WATER TABLE GROUNDWATER
PAH ISO-CONCENTRATION
MAPS
(0-10 FEET BGS)

November 2017 Fig. 12

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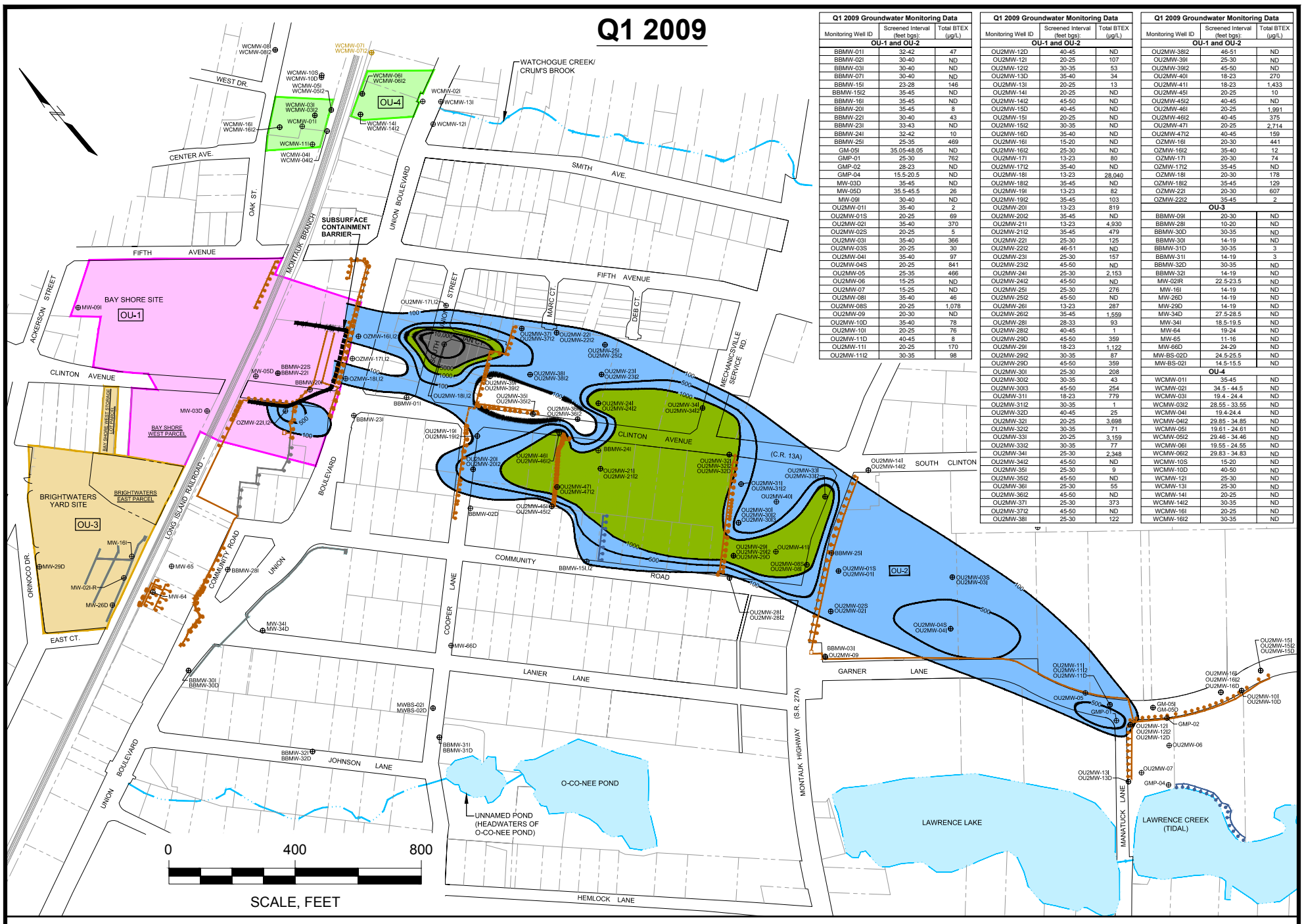
Q1 2009

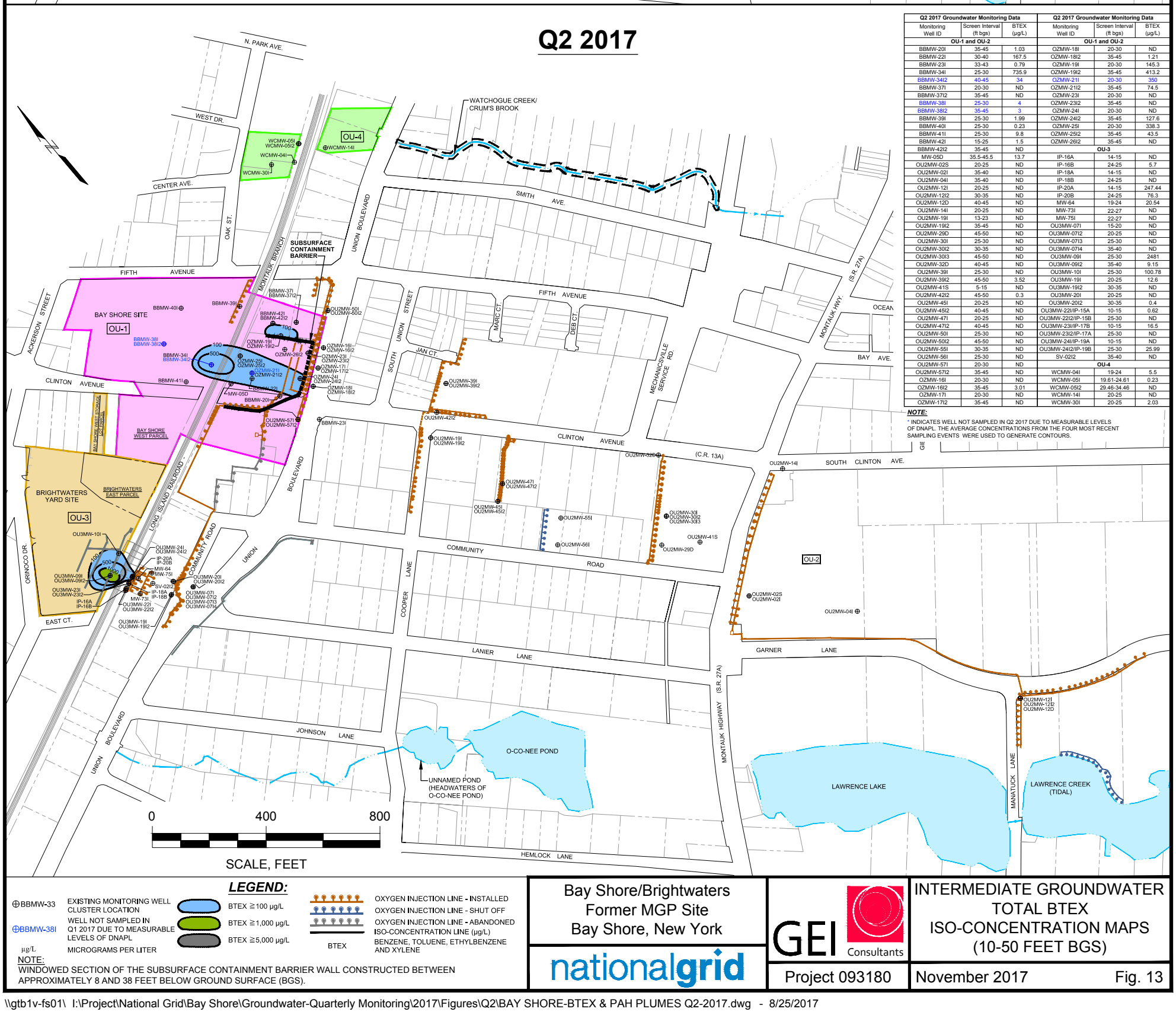


Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
BBMW-01I	32-42	47
BBMW-02I	30-40	ND
BBMW-03I	30-40	ND
BBMW-07I	30-40	ND
BBMW-15I	23-28	146
BBMW-15I2	35-45	ND
BBMW-16I	35-45	ND
BBMW-20I	35-45	8
BBMW-22I	30-40	43
BBMW-23I	33-43	ND
BBMW-24I	32-42	10
BBMW-25I	25-35	469
GM-05I	35.05-48.05	ND
GMP-01	25-30	762
GMP-02	28-23	ND
GMP-04	15.5-20.5	ND
MW-03D	35-45	ND
MW-05D	35.5-45.5	26
MW-09I	30-40	ND
OU2MW-01I	35-40	2
OU2MW-01S	20-25	69
OU2MW-02I	35-40	370
OU2MW-02S	20-25	5
OU2MW-03I	35-40	366
OU2MW-03S	20-25	30
OU2MW-04I	35-40	97
OU2MW-04S	20-25	841
OU2MW-05	25-35	466
OU2MW-06	15-25	ND
OU2MW-07	15-25	ND
OU2MW-08I	35-40	46
OU2MW-08S	20-25	1,078
OU2MW-09	20-30	ND
OU2MW-10I	35-40	78
OU2MW-10I	20-25	76
OU2MW-11D	40-45	8
OU2MW-11I	20-25	170
OU2MW-11I2	30-35	98

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
OU2MW-12D	40-45	ND
OU2MW-12I	20-25	107
OU2MW-12I2	30-35	53
OU2MW-13D	35-40	34
OU2MW-13I	20-25	13
OU2MW-14I	20-25	ND
OU2MW-14I2	45-50	ND
OU2MW-15D	40-45	ND
OU2MW-15I	20-25	ND
OU2MW-15I2	30-35	ND
OU2MW-16D	35-40	ND
OU2MW-16I	15-20	ND
OU2MW-16I2	25-30	ND
OU2MW-17I	13-23	80
OU2MW-17I2	35-40	ND
OU2MW-18I	13-23	28,040
OU2MW-18I2	35-45	ND
OU2MW-19I	13-23	82
OU2MW-19I2	35-45	103
OU2MW-20I	13-23	819
OU2MW-20I2	35-45	ND
OU2MW-21I	13-23	4,930
OU2MW-21I2	35-45	479
OU2MW-22I	25-30	125
OU2MW-22I2	46-51	ND
OU2MW-23I	25-30	157
OU2MW-23I2	45-50	ND
OU2MW-24I	25-30	2,153
OU2MW-24I2	45-50	ND
OU2MW-25I	25-30	276
OU2MW-25I2	45-50	ND
OU2MW-26I	13-23	287
OU2MW-26I2	35-45	1,559
OU2MW-28I	28-33	93
OU2MW-28I2	40-45	1
OU2MW-29D	45-50	359
OU2MW-29I	18-23	1,122
OU2MW-29I2	30-35	87
OU2MW-29D	45-50	359
OU2MW-30I	25-30	208
OU2MW-30I2	30-35	43
OU2MW-30I3	45-50	254
OU2MW-31I	18-23	779
OU2MW-31I2	30-35	1
OU2MW-32D	40-45	25
OU2MW-32I	20-25	3,698
OU2MW-32I2	30-35	71
OU2MW-33I	20-25	3,159
OU2MW-33I2	30-35	77
OU2MW-34I	25-30	2,348
OU2MW-34I2	45-50	ND
OU2MW-35I	25-30	9
OU2MW-35I2	45-50	ND
OU2MW-36I	25-30	55
OU2MW-36I2	45-50	ND
OU2MW-37I	25-30	373
OU2MW-37I2	45-50	ND
OU2MW-38I	25-30	122

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
OU2MW-38I2	46-51	ND
OU2MW-39I	25-30	ND
OU2MW-39I2	45-50	ND
OU2MW-40I	18-23	270
OU2MW-41I	18-23	1,433
OU2MW-45I	20-25	10
OU2MW-45I2	40-45	ND
OU2MW-46I	20-25	1,991
OU2MW-46I2	40-45	375
OU2MW-47I	20-25	2,714
OU2MW-47I2	40-45	159
OZMW-16I	20-30	441
OZMW-16I2	35-40	12
OZMW-17I	20-30	74
OZMW-17I2	35-45	ND
OZMW-18I	20-30	178
OZMW-18I2	35-45	129
OZMW-22I	20-30	607
OZMW-22I2	35-45	2
OU-3		
BBMW-09I	20-30	ND
BBMW-28I	10-20	ND
BBMW-30D	30-35	ND
BBMW-30I	14-19	ND
BBMW-31D	30-35	3
BBMW-31I	14-19	3
BBMW-32D	30-35	ND
BBMW-32I	14-19	ND
MW-02IR	22.5-23.5	ND
MW-16I	14-19	ND
MW-26D	14-19	ND
MW-29D	14-19	ND
MW-34D	27.5-28.5	ND
MW-34I	18.5-19.5	ND
MW-64	19-24	ND
MW-65	11-16	ND
MW-66D	24-29	ND
MW-BS-02D	24.5-25.5	ND
MW-BS-02I	14.5-15.5	ND
OU-4		
WCMW-01I	35-45	ND
WCMW-02I	34.5 - 44.5	ND
WCMW-03I	19.4 - 24.4	ND
WCMW-03I2	28.55 - 33.55	ND
WCMW-04I	19.4-24.4	ND
WCMW-04I2	29.85 - 34.85	ND
WCMW-05I	19.61 - 24.61	ND
WCMW-05I2	29.46 - 34.46	ND
WCMW-06I	19.55 - 24.55	ND
WCMW-06I2	29.83 - 34.83	ND
WCMW-10S	15-20	ND
WCMW-10D	40-50	ND
WCMW-12I	25-30	ND
WCMW-13I	25-30	ND
WCMW-14I	20-25	ND
WCMW-14I2	30-35	ND
WCMW-16I	20-25	ND
WCMW-16I2	30-35	ND

Q2 2017



Q2 2017 Groundwater Monitoring Data			Q2 2017 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)	Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2			**OU-1 and OU-2**		
BBMW-20I	35-45	1.03	OZMW-18I	20-30	ND
BBMW-22I	30-40	167.5	OZMW-18I2	35-45	1.21
BBMW-23I	33-43	0.79	OZMW-19I	20-30	145.3
BBMW-34I	25-30	735.9	OZMW-19I2	35-45	413.2
BBMW-34I2	40-45	34	OZMW-21I	20-30	350
BBMW-37I	20-30	ND	OZMW-21I2	35-45	74.5
BBMW-37I2	35-45	ND	OZMW-23I	20-30	ND
BBMW-38I	25-30	4	OZMW-23I2	35-45	ND
BBMW-38I2	35-45	3	OZMW-24I	20-30	ND
BBMW-39I	25-30	1.99	OZMW-24I2	35-45	127.6
BBMW-40I	25-30	0.23	OZMW-25I	20-30	338.3
BBMW-41I	25-30	9.8	OZMW-25I2	35-45	43.5
BBMW-42I	15-25	1.5	OZMW-26I2	35-45	ND
BBMW-42I2	35-45	ND	**OU-3**		
MW-05D	35.5-45.5	13.7	IP-16A	14-15	ND
OU2MW-02S	20-25	ND	IP-16B	24-25	5.7
OU2MW-02I	35-40	ND	IP-18A	14-15	ND
OU2MW-04I	35-40	ND	IP-18B	24-25	ND
OU2MW-12I	20-25	ND	IP-20A	14-15	247.44
OU2MW-12I2	30-35	ND	IP-20B	24-25	76.3
OU2MW-12D	40-45	ND	MW-64	19-24	20.54
OU2MW-14I	20-25	ND	MW-73I	22-27	ND
OU2MW-19I	13-23	ND	MW-75I	22-27	ND
OU2MW-19I2	35-45	ND	OU3MW-07I	15-20	ND
OU2MW-29D	45-50	ND	OU3MW-07I2	20-25	ND
OU2MW-30I	25-30	ND	OU3MW-07I3	25-30	ND
OU2MW-30I2	30-35	ND	OU3MW-07I4	35-40	ND
OU2MW-30I3	45-50	ND	OU3MW-09I	25-30	2481
OU2MW-32D	40-45	ND	OU3MW-09I2	35-40	9.15
OU2MW-39I	25-30	ND	OU3MW-10I	25-30	100.78
OU2MW-39I2	45-50	3.52	OU3MW-19I	20-25	12.6
OU2MW-41S	5-15	ND	OU3MW-19I2	30-35	ND
OU2MW-42I2	45-50	0.3	OU3MW-20I	20-25	ND
OU2MW-45I	20-25	ND	OU3MW-20I2	30-35	0.4
OU2MW-45I2	40-45	ND	OU3MW-22I/IP-15A	10-15	0.62
OU2MW-47I	20-25	ND	OU3MW-22I2/IP-15B	25-30	ND
OU2MW-47I2	40-45	ND	OU3MW-23I/IP-17B	10-15	16.5
OU2MW-50I	25-30	ND	OU3MW-23I2/IP-17A	25-30	ND
OU2MW-50I2	45-50	ND	OU3MW-24I/IP-19A	10-15	ND
OU2MW-55I	30-35	ND	OU3MW-24I2/IP-19B	25-30	25.99
OU2MW-56I	25-30	ND	SV-02I2	35-40	ND
OU2MW-57I	20-30	ND	**OU-4**		
OU2MW-57I2	35-45	ND	WCMW-04I	19-24	5.5
OZMW-16I	20-30	ND	WCMW-05I	19.61-24.61	0.23
OZMW-16I2	35-45	3.01	WCMW-05I2	29.46-34.46	ND
OZMW-17I	20-30	ND	WCMW-14I	20-25	ND
OZMW-17I2	35-45	ND	WCMW-30I	20-25	2.03

NOTE:
* INDICATES WELL NOT SAMPLED IN Q2 2017 DUE TO MEASURABLE LEVELS OF DNAPL. THE AVERAGE CONCENTRATIONS FROM THE FOUR MOST RECENT SAMPLING EVENTS WERE USED TO GENERATE CONTOURS.

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- ⊕BBMW-38I — WELL NOT SAMPLED IN Q1 2017 DUE TO MEASURABLE LEVELS OF DNAPL
- µg/L — MICROGRAMS PER LITER
- BTEX ≧100 µg/L
- BTEX ≧1,000 µg/L
- BTEX ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- BTEX — BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

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INTERMEDIATE GROUNDWATER
TOTAL BTEX
ISO-CONCENTRATION MAPS
(10-50 FEET BGS)

November 2017 — Fig. 13

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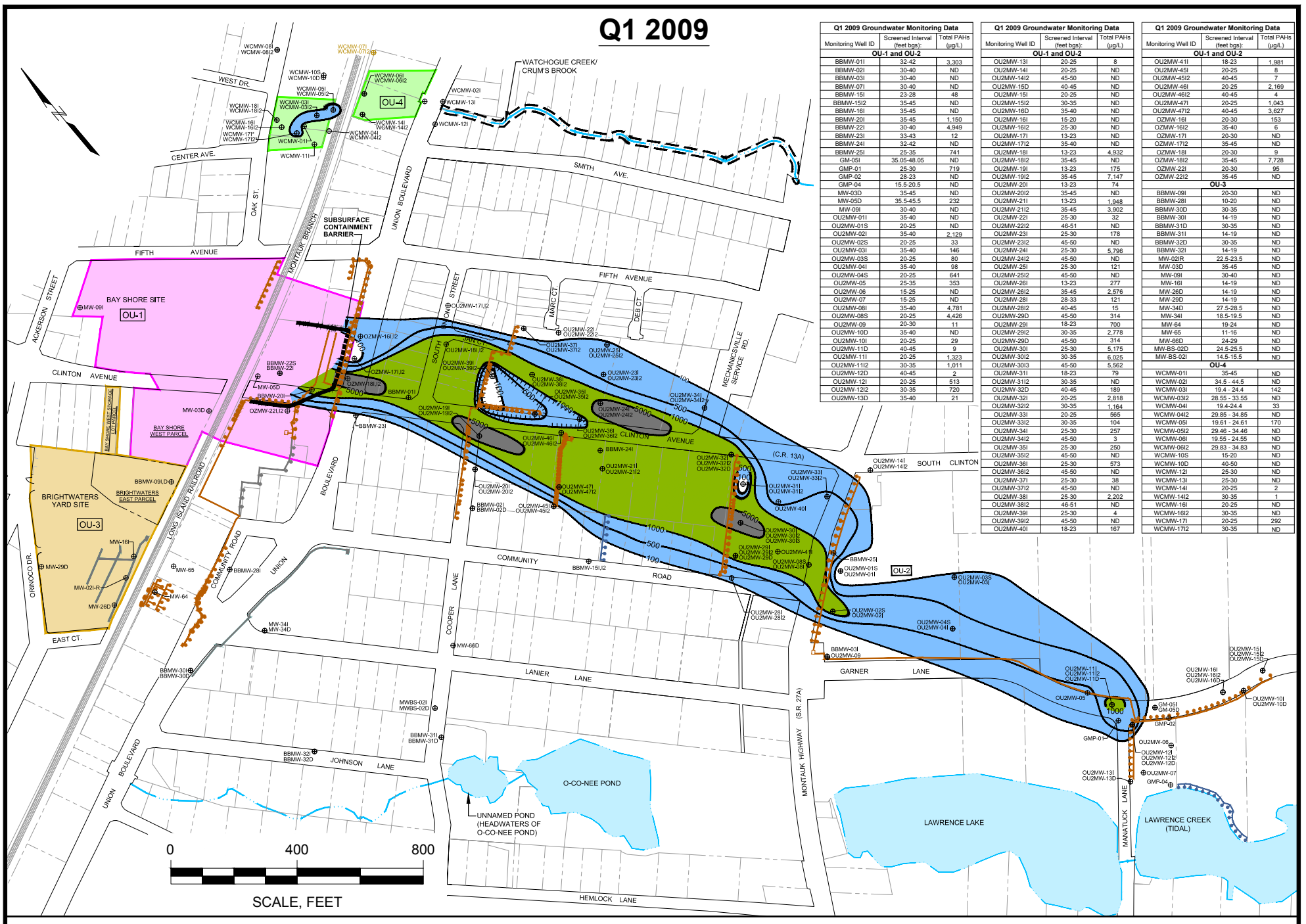
Q1 2009



Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01I	32-42	3,303
BBMW-02I	30-40	ND
BBMW-03I	30-40	ND
BBMW-07I	30-40	ND
BBMW-15I	23-28	48
BBMW-15I2	35-45	ND
BBMW-16I	35-45	ND
BBMW-20I	35-45	1,150
BBMW-22I	30-40	4,949
BBMW-23I	33-43	12
BBMW-24I	32-42	ND
BBMW-25I	25-35	741
GM-05I	35.05-48.05	ND
GMP-01	25-30	719
GMP-02	28-23	ND
GMP-04	15.5-20.5	ND
MW-03D	35-45	ND
MW-05D	35.5-45.5	232
MW-09I	30-40	ND
OU2MW-01I	35-40	ND
OU2MW-01S	20-25	ND
OU2MW-02I	35-40	2,129
OU2MW-02S	20-25	33
OU2MW-03I	35-40	146
OU2MW-03S	20-25	80
OU2MW-04I	35-40	98
OU2MW-04S	20-25	641
OU2MW-05	25-35	353
OU2MW-06	15-25	ND
OU2MW-07	15-25	ND
OU2MW-08I	35-40	4,781
OU2MW-08S	20-25	4,426
OU2MW-09	20-30	11
OU2MW-10D	35-40	ND
OU2MW-10I	20-25	29
OU2MW-11D	40-45	9
OU2MW-11I	20-25	1,323
OU2MW-11I2	30-35	1,011
OU2MW-12D	40-45	2
OU2MW-12I	20-25	513
OU2MW-12I2	30-35	720
OU2MW-13D	35-40	21

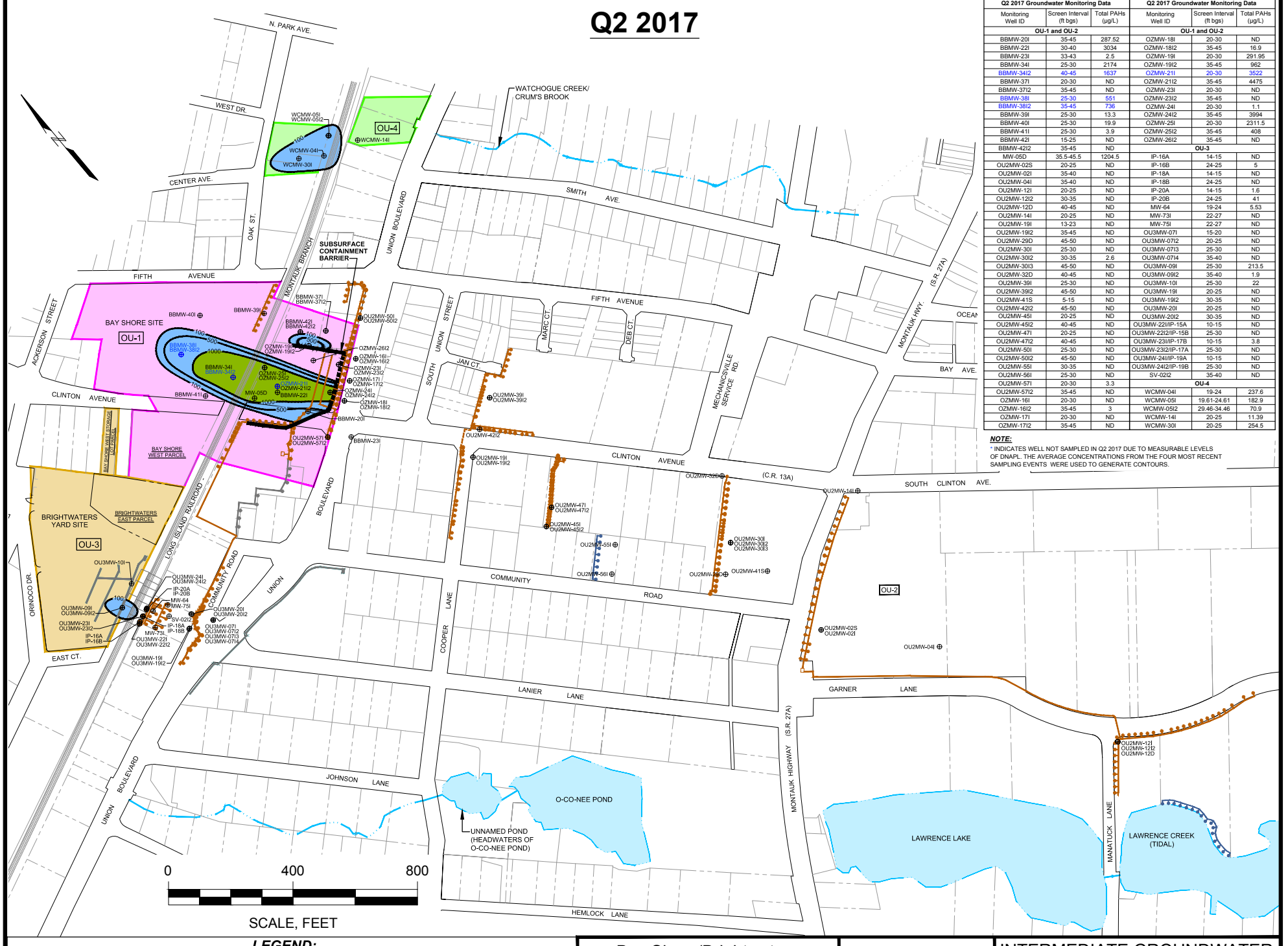
Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
OU2MW-13I	20-25	8
OU2MW-14I	20-25	ND
OU2MW-14I2	45-50	ND
OU2MW-15D	40-45	ND
OU2MW-15I	20-25	ND
OU2MW-15I2	30-35	ND
OU2MW-16D	35-40	ND
OU2MW-16I	15-20	ND
OU2MW-16I2	25-30	ND
OU2MW-17I	13-23	ND
OU2MW-17I2	35-40	ND
OU2MW-18I	13-23	4,932
OU2MW-18I2	35-45	ND
OU2MW-19I	13-23	175
OU2MW-19I2	35-45	7,147
OU2MW-20I	13-23	74
OU2MW-20I2	35-45	ND
OU2MW-21I	13-23	1,948
OU2MW-21I2	35-45	3,902
OU2MW-22I	25-30	32
OU2MW-22I2	46-51	ND
OU2MW-23I	25-30	178
OU2MW-23I2	45-50	ND
OU2MW-24I	25-30	5,796
OU2MW-24I2	45-50	ND
OU2MW-25I	25-30	121
OU2MW-25I2	45-50	ND
OU2MW-26I	13-23	277
OU2MW-26I2	35-45	2,576
OU2MW-28I	28-33	121
OU2MW-28I2	40-45	15
OU2MW-29D	45-50	314
OU2MW-29I	18-23	700
OU2MW-29I2	30-35	2,778
OU2MW-29D	45-50	314
OU2MW-30I	25-30	5,175
OU2MW-30I2	30-35	6,025
OU2MW-30I3	45-50	5,562
OU2MW-31I	18-23	79
OU2MW-31I2	30-35	ND
OU2MW-32D	40-45	189
OU2MW-32I	20-25	2,818
OU2MW-32I2	30-35	1,164
OU2MW-33I	20-25	565
OU2MW-33I2	30-35	104
OU2MW-34I	25-30	257
OU2MW-34I2	45-50	3
OU2MW-35I	25-30	250
OU2MW-35I2	45-50	ND
OU2MW-36I	25-30	573
OU2MW-36I2	45-50	ND
OU2MW-37I	25-30	38
OU2MW-37I2	45-50	ND
OU2MW-38I	25-30	2,202
OU2MW-38I2	46-51	ND
OU2MW-39I	25-30	4
OU2MW-39I2	45-50	ND
OU2MW-40I	18-23	167

Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
OU2MW-41I	18-23	1,981
OU2MW-45I	20-25	8
OU2MW-45I2	40-45	7
OU2MW-46I	20-25	2,169
OU2MW-46I2	40-45	4
OU2MW-47I	20-25	1,043
OU2MW-47I2	40-45	3,627
OZMW-16I	20-30	153
OZMW-16I2	35-40	6
OZMW-17I	20-30	ND
OZMW-17I2	35-45	ND
OZMW-18I	20-30	9
OZMW-18I2	35-45	7,728
OZMW-22I	20-30	95
OZMW-22I2	35-45	ND
OU-3		
BBMW-09I	20-30	ND
BBMW-28I	10-20	ND
BBMW-30D	30-35	ND
BBMW-30I	14-19	ND
BBMW-31D	30-35	ND
BBMW-31I	14-19	ND
BBMW-32D	30-35	ND
BBMW-32I	14-19	ND
MW-02IR	22.5-23.5	ND
MW-03D	35-45	ND
MW-09I	30-40	ND
MW-16I	14-19	ND
MW-26D	14-19	ND
MW-29D	14-19	ND
MW-34D	27.5-28.5	ND
MW-34I	18.5-19.5	ND
MW-64	19-24	ND
MW-65	11-16	ND
MW-66D	24-29	ND
MW-BS-02D	24.5-25.5	ND
MW-BS-02I	14.5-15.5	ND
OU-4		
WCMW-01I	35-45	ND
WCMW-02I	34.5 - 44.5	ND
WCMW-03I	19.4 - 24.4	142
WCMW-03I2	28.55 - 33.55	ND
WCMW-04I	19.4-24.4	33
WCMW-04I2	29.85 - 34.85	ND
WCMW-05I	19.61 - 24.61	170
WCMW-05I2	29.46 - 34.46	ND
WCMW-06I	19.55 - 24.55	ND
WCMW-06I2	29.83 - 34.83	ND
WCMW-10S	15-20	ND
WCMW-10D	40-50	ND
WCMW-12I	25-30	ND
WCMW-13I	25-30	ND
WCMW-14I	20-25	2
WCMW-14I2	30-35	1
WCMW-16I	20-25	ND
WCMW-16I2	30-35	ND
WCMW-17I	20-25	292
WCMW-17I2	30-35	ND

Q2 2017



Q2 2017 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-20I	35-45	287.52
BBMW-22I	30-40	3034
BBMW-23I	33-43	2.5
BBMW-34I	25-30	2174
BBMW-34I2	40-45	1637
BBMW-37I	20-30	ND
BBMW-37I2	35-45	ND
BBMW-38I	25-30	551
BBMW-38I2	35-45	736
BBMW-39I	25-30	13.3
BBMW-40I	25-30	19.9
BBMW-41I	25-30	3.9
BBMW-42I	15-25	ND
BBMW-42I2	35-45	ND
MW-05D	35.5-45.5	1204.5
OU2MW-02S	20-25	ND
OU2MW-02I	35-40	ND
OU2MW-04I	35-40	ND
OU2MW-12I	20-25	ND
OU2MW-12I2	30-35	ND
OU2MW-12D	40-45	ND
OU2MW-14I	20-25	ND
OU2MW-19I	13-23	ND
OU2MW-19I2	35-45	ND
OU2MW-29D	45-50	ND
OU2MW-30I	25-30	ND
OU2MW-30I2	30-35	2.6
OU2MW-30I3	45-50	ND
OU2MW-32D	40-45	ND
OU2MW-39I	25-30	ND
OU2MW-39I2	45-50	ND
OU2MW-41S	5-15	ND
OU2MW-42I2	45-50	ND
OU2MW-45I	20-25	ND
OU2MW-45I2	40-45	ND
OU2MW-47I	20-25	ND
OU2MW-47I2	40-45	ND
OU2MW-50I	25-30	ND
OU2MW-50I2	45-50	ND
OU2MW-55I	30-35	ND
OU2MW-56I	25-30	ND
OU2MW-57I	20-30	3.3
OU2MW-57I2	35-45	ND
OZMW-16I	20-30	ND
OZMW-16I2	35-45	3
OZMW-17I	20-30	ND
OZMW-17I2	35-45	ND

Q2 2017 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
OZMW-18I	20-30	ND
OZMW-18I2	35-45	16.9
OZMW-19I	20-30	291.95
OZMW-19I2	35-45	962
OZMW-21I	20-30	3522
OZMW-21I2	35-45	4475
OZMW-23I	20-30	ND
OZMW-23I2	35-45	ND
OZMW-24I	20-30	1.1
OZMW-24I2	35-45	3994
OZMW-25I	20-30	2311.5
OZMW-25I2	35-45	408
OZMW-26I2	35-45	ND
OU-3		
IP-16A	14-15	ND
IP-16B	24-25	5
IP-18A	14-15	ND
IP-18B	24-25	ND
IP-20A	14-15	1.6
IP-20B	24-25	41
MW-64	19-24	5.53
MW-73I	22-27	ND
MW-75I	22-27	ND
OU3MW-07I	15-20	ND
OU3MW-07I2	20-25	ND
OU3MW-07I3	25-30	ND
OU3MW-07I4	35-40	ND
OU3MW-09I	25-30	213.5
OU3MW-09I2	35-40	1.9
OU3MW-10I	25-30	22
OU3MW-19I	20-25	ND
OU3MW-19I2	30-35	ND
OU3MW-20I	20-25	ND
OU3MW-20I2	30-35	ND
OU3MW-22I/IP-15A	10-15	ND
OU3MW-22I2/IP-15B	25-30	ND
OU3MW-23I/IP-17B	10-15	3.8
OU3MW-23I2/IP-17A	25-30	ND
OU3MW-24I/IP-19A	10-15	ND
OU3MW-24I2/IP-19B	25-30	ND
SV-02I2	35-40	ND
OU-4		
WCMW-04I	19-24	237.6
WCMW-05I	19.61-24.61	182.9
WCMW-05I2	29.46-34.46	70.9
WCMW-14I	20-25	11.39
WCMW-30I	20-25	254.5

NOTE:

* INDICATES WELL NOT SAMPLED IN Q2 2017 DUE TO MEASURABLE LEVELS OF DNAPL. THE AVERAGE CONCENTRATIONS FROM THE FOUR MOST RECENT SAMPLING EVENTS WERE USED TO GENERATE CONTOURS.

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- ⊕BBMW-38I — WELL NOT SAMPLED IN Q1 2017 DUE TO MEASURABLE LEVELS OF DNAPL
- µg/L — MICROGRAMS PER LITER
- TOTAL PAH ≧100 µg/L
- TOTAL PAH ≧1,000 µg/L
- TOTAL PAH ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- PAH — POLYCYCLIC AROMATIC HYDROCARBONS

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

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INTERMEDIATE GROUNDWATER
PAH ISO-CONCENTRATION
MAPS
(10-50 FEET BGS)

November 2017 Fig. 14

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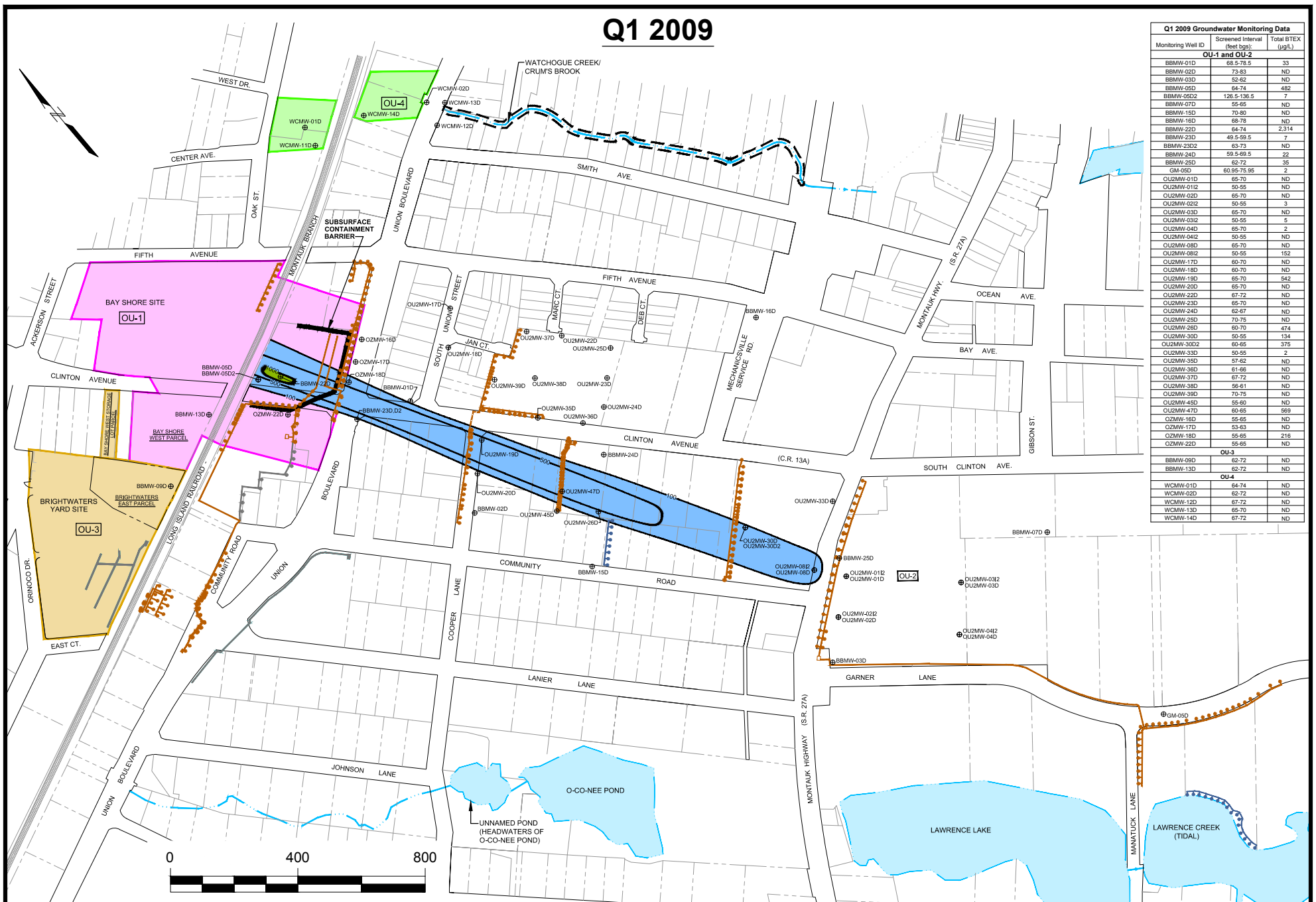
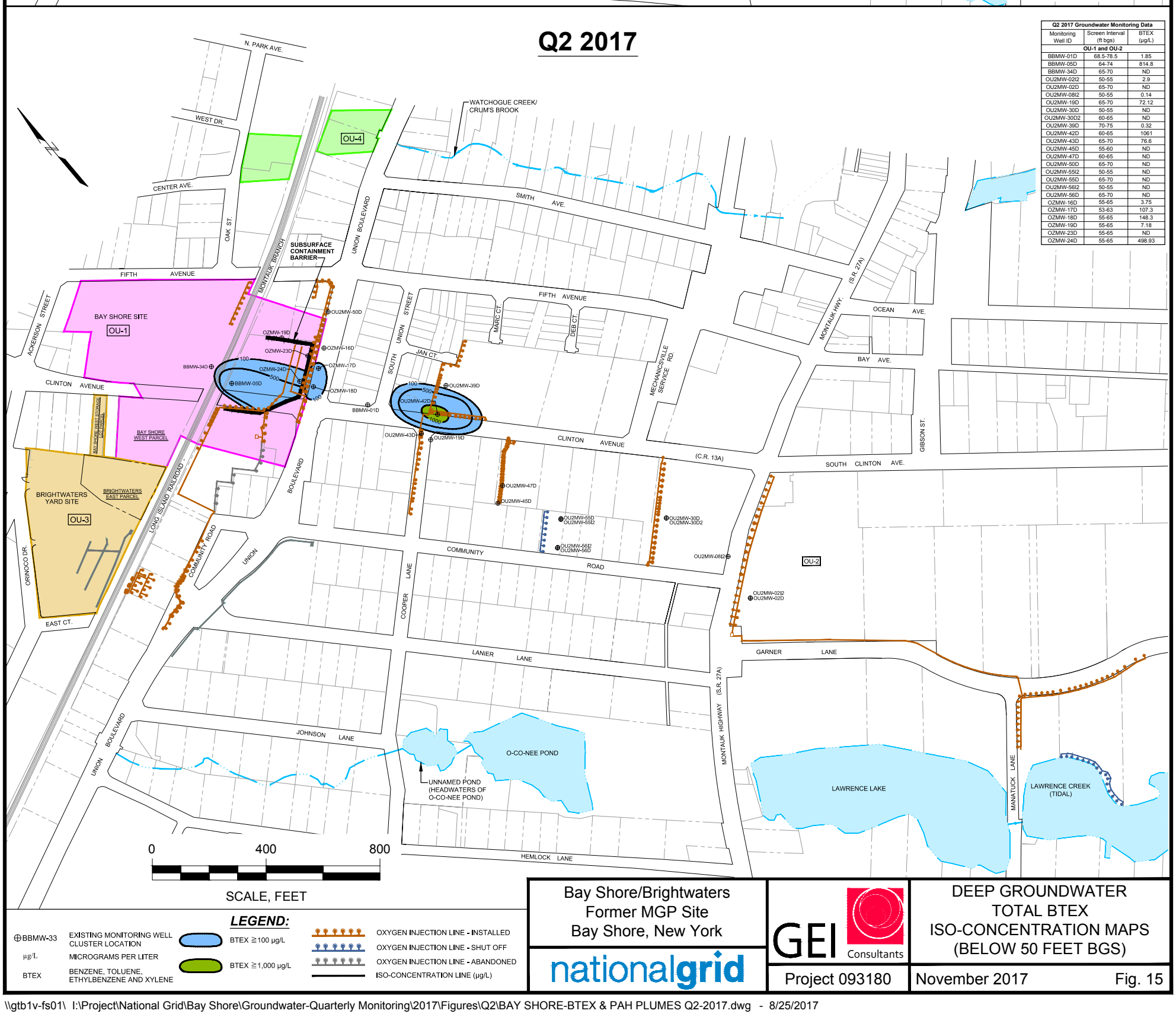
Q1 2009



Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	33
BBMW-02D	73-83	ND
BBMW-03D	52-62	ND
BBMW-05D	64-74	482
BBMW-05D2	126.5-136.5	7
BBMW-07D	55-65	ND
BBMW-15D	70-80	ND
BBMW-16D	68-78	ND
BBMW-22D	64-74	2,314
BBMW-23D	49.5-59.5	7
BBMW-23D2	63-73	ND
BBMW-24D	59.5-69.5	22
BBMW-25D	62-72	35
GM-05D	60.95-75.95	2
OU2MW-01D	65-70	ND
OU2MW-01I2	50-55	ND
OU2MW-02D	65-70	ND
OU2MW-02I2	50-55	3
OU2MW-03D	65-70	ND
OU2MW-03I2	50-55	5
OU2MW-04D	65-70	2
OU2MW-04I2	50-55	ND
OU2MW-08D	65-70	ND
OU2MW-08I2	50-55	152
OU2MW-17D	60-70	ND
OU2MW-18D	60-70	ND
OU2MW-19D	65-70	542
OU2MW-20D	65-70	ND
OU2MW-22D	67-72	ND
OU2MW-23D	65-70	ND
OU2MW-24D	62-67	ND
OU2MW-25D	70-75	ND
OU2MW-26D	60-70	474
OU2MW-30D	50-55	134
OU2MW-30D2	60-65	375
OU2MW-33D	50-55	2
OU2MW-35D	57-62	ND
OU2MW-36D	61-66	ND
OU2MW-37D	67-72	ND
OU2MW-38D	56-61	ND
OU2MW-39D	70-75	ND
OU2MW-45D	55-60	ND
OU2MW-47D	60-65	569
OZMW-16D	55-65	ND
OZMW-17D	53-63	ND
OZMW-18D	55-65	216
OZMW-22D	55-65	ND
OU-3		
BBMW-09D	62-72	ND
BBMW-13D	62-72	ND
OU-4		
WCMW-01D	64-74	ND
WCMW-02D	62-72	ND
WCMW-12D	67-72	ND
WCMW-13D	65-70	ND
WCMW-14D	67-72	ND

Q2 2017



Q2 2017 Groundwater Monitoring Data

Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	1.85
BBMW-05D	64-74	814.8
BBMW-34D	65-70	ND
OU2MW-02I2	50-55	2.9
OU2MW-02D	65-70	ND
OU2MW-08I2	50-55	0.14
OU2MW-19D	65-70	72.12
OU2MW-30D	50-55	ND
OU2MW-30D2	60-65	ND
OU2MW-39D	70-75	0.32
OU2MW-42D	60-65	1061
OU2MW-43D	65-70	76.6
OU2MW-45D	55-60	ND
OU2MW-47D	60-65	ND
OU2MW-50D	65-70	ND
OU2MW-55I2	50-55	ND
OU2MW-55D	65-70	ND
OU2MW-56I2	50-55	ND
OU2MW-56D	65-70	ND
OZMW-16D	55-65	3.75
OZMW-17D	53-63	107.3
OZMW-18D	55-65	148.3
OZMW-19D	55-65	7.18
OZMW-23D	55-65	ND
OZMW-24D	55-65	498.93

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- BTEX — BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE
- BTEX ≧100 µg/L
- BTEX ≧1,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)

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DEEP GROUNDWATER
TOTAL BTEX
ISO-CONCENTRATION MAPS
(BELOW 50 FEET BGS)

Project 093180 | November 2017 | Fig. 15

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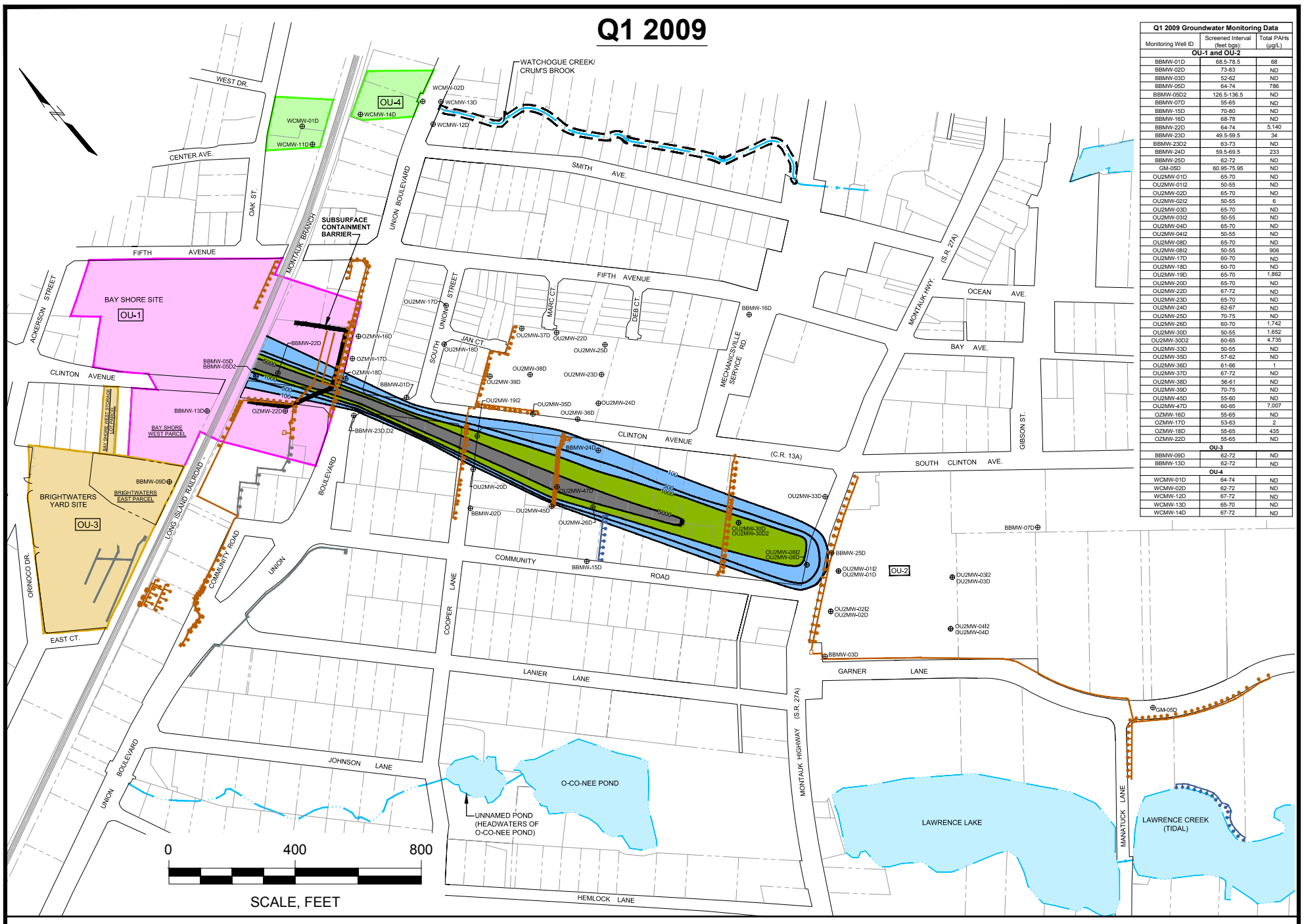
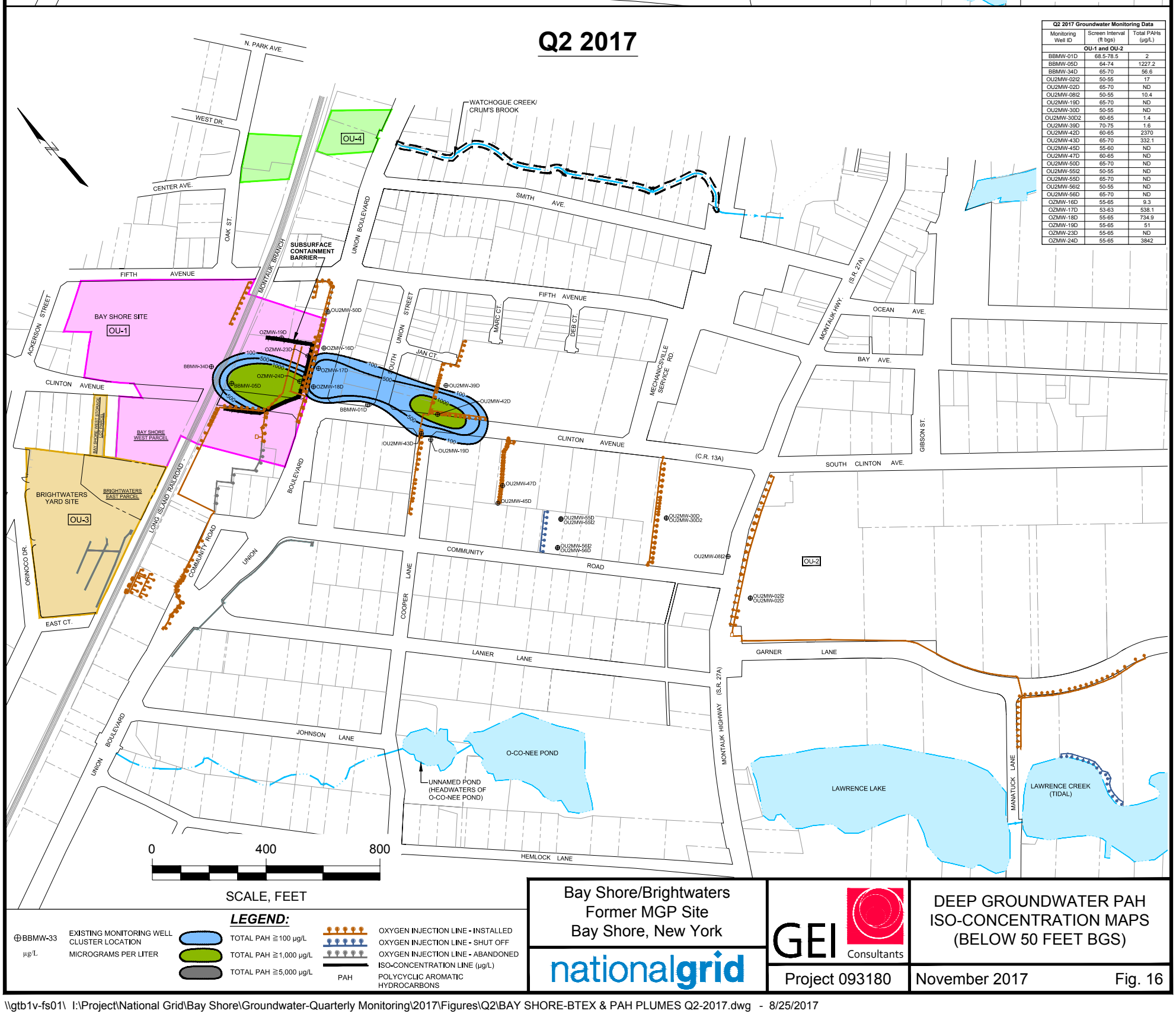
Q1 2009



Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	68
BBMW-02D	73-83	ND
BBMW-03D	52-62	ND
BBMW-05D	64-74	786
BBMW-05D2	126.5-136.5	ND
BBMW-07D	55-65	ND
BBMW-15D	70-80	ND
BBMW-16D	68-78	ND
BBMW-22D	64-74	5,140
BBMW-23D	49.5-59.5	34
BBMW-23D2	63-73	ND
BBMW-24D	59.5-69.5	233
BBMW-25D	62-72	ND
GM-05D	60.95-75.95	ND
OU2MW-01D	65-70	ND
OU2MW-01I2	50-55	ND
OU2MW-02D	65-70	ND
OU2MW-02I2	50-55	6
OU2MW-03D	65-70	ND
OU2MW-03I2	50-55	ND
OU2MW-04D	65-70	ND
OU2MW-04I2	50-55	ND
OU2MW-08D	65-70	ND
OU2MW-08I2	50-55	906
OU2MW-17D	60-70	ND
OU2MW-18D	60-70	ND
OU2MW-19D	65-70	1,862
OU2MW-20D	65-70	ND
OU2MW-22D	67-72	ND
OU2MW-23D	65-70	ND
OU2MW-24D	62-67	ND
OU2MW-25D	70-75	ND
OU2MW-26D	60-70	1,742
OU2MW-30D	50-55	1,652
OU2MW-30D2	60-65	4,735
OU2MW-33D	50-55	ND
OU2MW-35D	57-62	ND
OU2MW-36D	61-66	1
OU2MW-37D	67-72	ND
OU2MW-38D	56-61	ND
OU2MW-39D	70-75	ND
OU2MW-45D	55-60	ND
OU2MW-47D	60-65	7,007
OZMW-16D	55-65	ND
OZMW-17D	53-63	2
OZMW-18D	55-65	435
OZMW-22D	55-65	ND
OU-3		
BBMW-09D	62-72	ND
BBMW-13D	62-72	ND
OU-4		
WCMW-01D	64-74	ND
WCMW-02D	62-72	ND
WCMW-12D	67-72	ND
WCMW-13D	65-70	ND
WCMW-14D	67-72	ND

Q2 2017



Q2 2017 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	2
BBMW-05D	64-74	1227.2
BBMW-34D	65-70	56.6
OU2MW-02I2	50-55	17
OU2MW-02D	65-70	ND
OU2MW-08I2	50-55	10.4
OU2MW-19D	65-70	ND
OU2MW-30D	50-55	ND
OU2MW-30D2	60-65	1.4
OU2MW-39D	70-75	1.6
OU2MW-42D	60-65	2370
OU2MW-43D	65-70	332.1
OU2MW-45D	55-60	ND
OU2MW-47D	60-65	ND
OU2MW-50D	65-70	ND
OU2MW-55I2	50-55	ND
OU2MW-55D	65-70	ND
OU2MW-56I2	50-55	ND
OU2MW-56D	65-70	ND
OZMW-16D	55-65	9.3
OZMW-17D	53-63	538.1
OZMW-18D	55-65	734.9
OZMW-19D	55-65	51
OZMW-23D	55-65	ND
OZMW-24D	55-65	3842

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- TOTAL PAH ≧100 µg/L
- TOTAL PAH ≧1,000 µg/L
- TOTAL PAH ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- PAH — POLYCYCLIC AROMATIC HYDROCARBONS

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DEEP GROUNDWATER PAH
ISO-CONCENTRATION MAPS
(BELOW 50 FEET BGS)

Project 093180 | November 2017 | Fig. 16

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Appendices (compact disk only)

Appendices also available at www.bayshoreworksmgp.com

- **A** Groundwater Monitoring Program Tracking Summary
- **B** Soil Vapor Extraction Effluent Analytical Data
- **C** Soil Vapor Analytical Results Graphs
- **D** OU-1 Oxygen Injection System Operational Data
- **E** OU-2 Oxygen Injection System Operational Data
- **F** OU-3 Oxygen Injection System Operational Data
- **G** Summary of Groundwater Parameter Data
- **H** Recent Iso-Concentration Maps – Q3 2016, Q4 2016, Q1 2017
- **I** Summary of Sulfate Concentrations (µg/L)

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
OU-1 Monitoring Wells						
BBMW-05D	**74**	**64-74**	X	X	X	X
BBMW-13D	**72**	**62-72**	-	-	-	-
BBMW-20I	**45**	**35-45**	X	X	X	X
BBMW-22S	**10**	**5-10**	X	X	X	X
BBMW-22I	**40**	**30-40**	X	X	X	X
BBMW-22D	**74**	**64-74**	-*	-*	-*	-*
BBMW-26S	**16**	**6-16**	-	-	-	-
BBMW-26I	**40**	**30-40**	-	-	-	-
BBMW-27S	**15**	**5-15**	-	-	-	-
BBMW-27I	**40**	**30-40**	-	-	-	-
BBMW-34S	**15**	**5-15**	X	X	X	X
BBMW-34I	**30**	**25-30**	X	X	X	X
BBMW-34I2	**45**	**40-45**	-*	-*	-*	-*
BBMW-34D	**70**	**65-70**	X	X	X	X
BBMW-35S	**17**	**5-15**	-	-	-	-
BBMW-35I	**32**	**25-30**	-	-	-	-
BBMW-35I2	**52**	**45-50**	-	-	-	-
BBMW-35D	**70**	**63-68**	-	-	-	-
BBMW-36S	**15**	**5-15**	-	-	-	X
BBMW-36I	**30**	**25-30**	-	-	-	-
BBMW-37S	**17**	**5-15**	X	X	X	X
BBMW-37I	**TBD**	**20-30**	X	X	X	X
BBMW-37I2	**TBD**	**35-45**	X	X	X	X
BBMW-37D	**TBD**	**55-65**	-	-	-	-
BBMW-38S	**15**	**5-15**	X	X	X	X
BBMW-38I	**30**	**25-30**	-*	-*	-*	-*
BBMW-38I2	**45**	**40-45**	-*	-*	-*	-*
BBMW-38D	**70**	**65-70**	-	-	-	-
BBMW-39S	**15**	**5-15**	X	X	X	X
BBMW-39I	**30**	**25-30**	X	X	-	X
BBMW-39I2	**50**	**45-50**	-	-	-	-
BBMW-39D	**70**	**65-70**	-	-	-	-
BBMW-40S	**15**	**5-15**	X	X	X	X
BBMW-40I	**30**	**25-30**	X	X	X	X
BBMW-40I2	**50**	**45-50**	-	-	-	-
BBMW-40D	**75**	**70-75**	-	-	-	-
BBMW-41S	**16**	**6-16**	X	X	X	X
BBMW-41I	**30**	**25-30**	-	X	X	X
BBMW-41I2	**50**	**45-50**	-	-	-	-
BBMW-41D	**70**	**65-70**	-	-	-	-
BBMW-42S	**12**	**5-10**	X	X	X	X
BBMW-42I	**27**	**15-25**	X	X	-	X

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
BBMW-42I2	47	35-45	X	X	-	X
BBMW-43S	12	5-10	-	-	-	-
BBMW-43I	27	15-25	-	-	-	-
BBMW-43I2	47	35-45	-	-	-	-
MW-03S	13	3-13	X	X	X	X
MW-03D	45	35-45	-	-	-	-
MW-05S	14	4-14	X	X	X	X
MW-05D	45.5	35.5-45.5	X	X	X	X
MW-09S	14	4-14	-	-	-	-
MW-09I	40	30-40	-	-	-	-
MW-09I2	50	45-50	-	-	-	-
MW-09D	70	65-70	-	-	-	-
OU2MW-48S	13	3-13	-	-	-	-
OU2MW-48I	30	25-30	-	-	-	-
OU2MW-48I2	50	45-50	-	-	-	-
OU2MW-48D	70	65-70	-	-	-	-
OU2MW-49S	13	3-13	-	-	-	-
OU2MW-49I	30	25-30	-	-	-	-
OU2MW-49I2	50	45-50	-	-	-	-
OU2MW-49D	68	63-68	-	-	-	-
OU2MW-50S	17	5-15	X	X	X	X
OU2MW-50I	32	25-30	X	X	X	X
OU2MW-50I2	52	45-50	X	X	X	X
OU2MW-50D	72	65-70	X	X	X	X
OU2MW-51S	17	5-15	-	-	-	-
OU2MW-51I	32	25-30	-	-	-	-
OU2MW-51I2	52	45-50	-	-	-	-
OU2MW-51D	68	61-66	-	-	-	-
OU2MW-57S	17	5-15	X	X	X	X
OU2MW-57I	32	20-30	X	X	X	X
OU2MW-57I2	47	35-45	X	X	X	X
OZMW-16S	15	5-15	X	X	X	X
OZMW-16I	25	20-25	X	X	X	X
OZMW-16I2	40	35-40	X	X	X	X
OZMW-16D	60	55-60	X	X	X	X
OZMW-17S	15	5-15	X	X	X	X
OZMW-17I	25	20-25	X	X	X	X
OZMW-17I2	40	35-40	X	X	X	X
OZMW-17D	63	53-63	X	X	X	X
OZMW-18S	15	5-15	X	X	X	X
OZMW-18I	25	20-25	X	X	X	X
OZMW-18I2	40	35-40	X	X	X	X
OZMW-18D	60	55-60	X	X	X	X

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
OZMW-19S	**15**	**5-15**	X	X	X	X
OZMW-19I	**25**	**20-25**	X	X	X	X
OZMW-19I2	**40**	**35-40**	X	X	X	X
OZMW-19D	**60**	**55-60**	X	X	X	X
OZMW-21S	**15**	**5-15**	-*	-*	-*	-*
OZMW-21I	**25**	**20-25**	-*	-*	-*	-*
OZMW-21I2	**40**	**35-40**	X	X	X	X
OZMW-21D	**60**	**55-60**	-*	-*	-*	-*
OZMW-22SR	**17**	**5-15**	X	X	X	X
OZMW-22IR	**22**	**20-30**	-	-	-	-
OZMW-23S	**15**	**5-15**	X	X	X	X
OZMW-23I	**25**	**20-25**	X	X	X	X
OZMW-23I2	**40**	**35-40**	X	X	X	X
OZMW-23D	**65**	**55-65**	X	X	X	X
OZMW-24S	**15**	**5-15**	X	X	X	X
OZMW-24I	**25**	**20-25**	X	X	X	X
OZMW-24I2	**40**	**35-40**	X	X	X	X
OZMW-24D	**65**	**55-65**	X	X	X	X
OZMW-25S	**15**	**5-15**	X	X	X	X
OZMW-25I	**25**	**20-25**	X	X	X	X
OZMW-25I2	**40**	**35-40**	X	X	X	X
OZMW-25D	**65**	**55-65**	-	-	-	-
OZMW-26S	**15**	**5-15**	-	-	-	-
OZMW-26I	**25**	**20-25**	-	-	-	-
OZMW-26I2	**40**	**35-40**	X	X	X	X
OZMW-26D	**65**	**55-65**	-	-	-	-
OU1PZ-101	**14**	**4-14**	X	X	X	X
OU1PZ-102	**14**	**4-14**	X	X	X	X
OU1PZ-103	**14**	**4-14**	X	X	X	X
OU1PZ-104	**14**	**4-14**	X	X	X	X
OU1PZ-105	**14**	**4-14**	X	X	X	X
Number of Wells Sampled per Quarter			64	65	62	66
OU-2 Monitoring Wells						
BBMW-01S	**1-15**	**5-15**	-	-	-	-
BBMW-01I	**42**	**32-42**	X	X	-	-
BBMW-01D	**78.5**	**68.5-78.5**	X	X	X	X
BBMW-02S	**15**	**5-15**	-	-	-	-
BBMW-02I	**40**	**30-40**	-	-	-	-
BBMW-02D	**73**	**63-73**	-	-	-	-
BBMW-03S	**13**	**3-13**	-	-	-	-
BBMW-03I	**40**	**30-40**	-	-	-	-
BBMW-03D	**83**	**73-83**	-	-	-	-
BBMW-07S	**15**	**5-15**	-	-	-	-

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
BBMW-07I	40	30-40	-	-	-	-
BBMW-07D	65	55-65	-	-	-	-
BBMW-15S	15	5-15	-	-	-	-
BBMW-15I	28	23-28	-	-	-	-
BBMW-15I2	45	35-45	-	-	-	-
BBMW-15D	80	70-80	-	-	-	-
BBMW-16S	15	5-15	-	-	-	-
BBMW-16I	45	35-45	-	-	-	-
BBMW-16D	78	68-78	-	-	-	-
BBMW-23S	15	5-15	x	x	x	x
BBMW-23I	43	33-43	x	x	x	x
BBMW-23D	59.5	49.5-59.5	-	-	-	-
BBMW-23D2	73	63-73	-	-	-	-
BBMW-24S	14	4-14	-	-	-	-
BBMW-24I	42	32-42	-	-	-	-
BBMW-24D	69.5	59.5-69.5	x	x	x	x
BBMW-25S	14	4-14	-	-	-	-
BBMW-25I	35	25-35	-	-	-	-
BBMW-25D	72	62-72	x	x	x	x
GM-05S	20.1	5.1-20.1	-	-	-	-
GM-05I	48.05	35.05-48.05	-	-	-	-
GM-05D	75.95	60.95-75.95	-	-	-	-
GM-06S	unknown		-	-	-	-
GM-06I	unknown		-	-	-	-
GM-06D	unknown		-	-	-	-
GM-07S	24.75	9.75-24.75	-	-	-	-
GM-07I	44.6	29.6-44.6	-	-	-	-
GM-07D	65.3	50.3-65.3	-	-	-	-
GM-08S	21.35	6.35-21.35	-	-	-	-
GM-08I	44.95	29.95-44.95	-	-	-	-
GM-08D	63.25	48.25-63.25	-	-	-	-
GM-09S	19.7	4.7-19.7	-	-	-	-
GM-09I	43.7	28.7-43.7	-	-	-	-
GM-09D	63.35	48.35-63.35	-	-	-	-
GM-10S	unknown		-	-	-	-
GM-10I	unknown		-	-	-	-
GM-10D	unknown		-	-	-	-
GM-10AD	unknown		-	-	-	-
GMP-01	30	25-30	-	-	-	-
GMP-02	23	18-23	-	-	-	-
GMP-04	20.5	15.5-20.5	-	-	-	-
MW-16AS	13	3.0-13.0	-	-	-	-
MW-57W	10	2.0-10.0	-	-	-	-

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
MW-58W	10	2.0-10.0	-	-	-	-
OU2IW-01S	8	3-8	-	-	-	-
OU2MW-01WT	8	3-8	-	-	-	-
OU2MW-01S	25	20-25	-	-	-	-
OU2MW-01I	40	35-40	X	X	X	-
OU2MW-01I2	55	50-55	X	X	X	X
OU2MW-01D	70	65-70	X	X	X	-
OU2MW-02S	25	20-25	X	X	X	X
OU2MW-02I	40	35-40	X	X	X	X
OU2MW-02I2	55	50-55	X	X	X	X
OU2MW-02D	70	65-70	X	X	X	X
OU2MW-03S	25	20-25	-	-	-	-
OU2MW-03I	40	35-40	-	-	-	-
OU2MW-03I2	55	50-55	-	-	-	-
OU2MW-03D	70	65-70	-	-	-	-
OU2MW-04WT	8	3-8	-	-	-	-
OU2MW-04S	25	20-25	-	-	-	-
OU2MW-04I	40	35-40	X	X	X	X
OU2MW-04I2	55	50-55	X	X	X	-
OU2MW-04D	70	65-70	X	X	X	-
OU2MW-05	35	25-35	-	-	-	-
OU2MW-06	25	15-25	-	-	-	-
OU2MW-06S	8	3-8	-	-	-	-
OU2MW-07	25	15-25	-	-	-	-
OU2MW-07S	8	3-8	-	-	-	-
OU2MW-08WT	8	3-8	-	-	-	-
OU2MW-08S	25	20-25	-	-	-	-
OU2MW-08I	40	35-40	-	-	-	-
OU2MW-08I2	55	50-55	X	X	-	X
OU2MW-08D	70	65-70	-	-	-	-
OU2MW-09	40	30-40	-	-	-	-
OU2MW-10S	7	3-7	-	-	-	-
OU2MW-10I	25	20-25	-	-	-	-
OU2MW-10D	40	35-40	-	-	-	-
OU2MW-11S	8	3-8	-	-	-	-
OU2MW-11I	25	20-25	-	-	-	-
OU2MW-11I2	35	30-35	-	-	-	-
OU2MW-11D	45	40-45	-	-	-	-
OU2MW-12S	7	3-7	X	X	X	X
OU2MW-12I	25	20-25	X	X	X	X
OU2MW-12I2	35	30-35	X	X	X	X
OU2MW-12D	45	40-45	X	X	X	X
OU2MW-13S	8	3-8	-	-	-	-

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
OU2MW-13I	25	20-25	-	-	-	-
OU2MW-13D	40	35-40	-	-	-	-
OU2MW-14S	8	3-8	-	-	-	-
OU2MW-14I	25	20-25	-	-	-	X
OU2MW-14I2	50	45-50	-	-	-	-
OU2MW-15S	8	3-8	-	-	-	-
OU2MW-15I	25	20-25	-	-	-	-
OU2MW-15I2	25	30-25	-	-	-	-
OU2MW-15D	45	40-45	-	-	-	-
OU2MW-16S	8	3-8	-	-	-	-
OU2MW-16I	20	15-20	-	-	-	-
OU2M2-16I2	30	25-30	-	-	-	-
OU2MW-16D	40	35-40	-	-	-	-
OU2MW-17S	10	5-10	-	-	-	-
OU2MW-17I	23	13-23	-	-	-	-
OU2MW-17I2	45	35-45	-	-	-	-
OU2MW-17D	70	60-70	-	-	-	-
OU2MW-18I	23	13-23	-	-	-	-
OU2MW-18I2	45	35-45	-	-	-	-
OU2MW-18D	70	60-70	-	-	-	-
OU2MW-19I	23	13-23	X	X	X	X
OU2MW-19I2	45	35-45	X	X	X	X
OU2MW-19D	70	65-70	X	X	X	X
OU2MW-20S	9	4-9	-	-	-	-
OU2MW-20I	23	13-23	-	-	-	-
OU2MW-20I2	45	35-45	-	-	-	-
OU2MW-20D	70	65-70	-	-	-	-
OU2MW-21S	15	5-15	-	-	-	-
OU2MW-21I	23	13-23	-	-	-	-
OU2MW-21I2	45	35-45	-	-	-	-
OU2MW-22S	15	5-15	-	-	-	-
OU2MW-22I	30	25-30	-	-	-	-
OU2MW-22I2	51	46-51	-	-	-	-
OU2MW-22D	72	67-72	-	-	-	-
OU2MW-23S	15	5-15	-	-	-	-
OU2MW-23I	30	25-30	-	-	-	-
OU2MW-23I2	50	45-50	-	-	-	-
OU2MW-23D	70	65-70	-	-	-	-
OU2MW-24S	15	5-15	-	-	-	-
OU2MW-24I	30	25-30	-	-	-	-
OU2MW-24I2	50	45-50	X	-	-	-
OU2MW-24D	67	62-67	X	-	-	-
OU2MW-25S	15	5-15	-	-	-	-

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
OU2MW-25I	30	25-30	-	-	-	-
OU2MW-25I2	50	45-50	-	-	-	-
OU2MW-25D	75	70-75	-	-	-	-
OU2MW-26S	11	6-11	-	-	-	-
OU2MW-26I	23	13-23	-	-	-	-
OU2MW-26I2	45	35-45	-	-	-	-
OU2MW-26D	70	60-70	X	-	-	-
OU2MW-27S	15	5-15	-	-	-	-
OU2MW-27I	30	25-30	-	-	-	-
OU2MW-27I2	50	45-50	-	-	-	-
OU2MW-27D	70	65-70	X	-	-	-
OU2MW-28S	15	5-15	-	-	-	-
OU2MW-28I	33	28-33	-	-	-	-
OU2MW-28I2	45	40-45	-	-	-	-
OU2MW-29I	23	18-23	-	-	-	-
OU2MW-29I2	35	30-35	-	-	-	-
OU2MW-29D	45	40-45	X	X	-	X
OU2MW-30S	15	5-15	X	X	X	X
OU2MW-30I	30	25-30	X	X	X	X
OU2MW-30I2	35	30-35	X	X	X	X
OU2MW-30I3	50	45-50	X	X	X	X
OU2MW-30D	55	50-55	X	X	X	X
OU2MW-30D2	65	60-65	X	X	X	X
OU2MW-31I	23	18-23	-	-	-	-
OU2MW-31I2	35	30-35	-	-	-	-
OU2MW-32S	15	5-15	-	-	-	-
OU2MW-32I	25	20-25	-	-	-	-
OU2MW-32I2	35	30-35	-	-	-	-
OU2MW-32D	45	40-45	X	X	-	X
OU2MW-33S	15	5-15	-	-	-	-
OU2MW-33I	30	25-30	-	-	-	-
OU2MW-33I2	40	35-40	-	-	-	-
OU2MW-33D	55	50-55	X	-	-	-
OU2MW-34S	15	5-15	-	-	-	-
OU2MW-34I	30	25-30	X	X	X	X
OU2MW-34I2	50	45-50	X	X	X	X
OU2MW-35S	15	5-15	-	-	-	-
OU2MW-35I	30	25-30	-	-	-	-
OU2MW-35I2	50	45-50	-	-	-	-
OU2MW-35D	62	57-62	X	-	-	-
OU2MW-36S	15	5-15	-	-	-	-
OU2MW-36I	30	25-30	-	-	-	-
OU2MW-36I2	50	45-50	-	-	-	-

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
OU2MW-36D	66	61-66	X	-	-	-
OU2MW-37S	15	5-15	-	-	-	-
OU2MW-37I	30	25-30	-	-	-	-
OU2MW-37I2	50	45-50	-	-	-	-
OU2MW-37D	72	67-72	-	-	-	-
OU2MW-38S	15	5-15	-	-	-	-
OU2MW-38I	30	25-30	-	-	-	-
OU2MW-38I2	51	46-51	-	-	-	-
OU2MW-38D	61	56-61	-	-	-	-
OU2MW-39S	15	5-15	X	X	X	X
OU2MW-39I	30	25-30	X	X	X	X
OU2MW-39I2	50	45-50	X	X	X	X
OU2MW-39D	75	70-75	X	X	X	X
OU2MW-40S	15	5-15	-	-	-	-
OU2MW-40I	23	18-23	-	-	-	-
OU2MW-41S	15	5-15	X	-	-	X
OU2MW-41I	23	18-23	-	-	-	-
OU2MW-42S	15	5-15	-	-	-	-
OU2MW-42I	30	25-30	-	-	-	-
OU2MW-42I2	50	45-50	X	X	X	X
OU2MW-42D	65	60-65	X	X	X	X
OU2MW-43S	15	5-15	-	-	-	-
OU2MW-43I	30	25-30	-	-	-	-
OU2MW-43I2	50	45-50	-	-	-	-
OU2MW-43D	70	65-70	X	X	X	X
OU2MW-44S	15	5-15	-	-	-	-
OU2MW-44I	30	25-30	-	-	-	-
OU2MW-44I2	50	45-50	-	-	-	-
OU2MW-44D	70	65-70	-	-	-	-
OU2MW-45S	15	5-15	-	-	-	X
OU2MW-45I	25	20-25	-	-	-	X
OU2MW-45I2	45	40-45	-	-	-	X
OU2MW-45D	60	55-60	-	-	-	X
OU2MW-46S	15	5-15	-	-	-	-
OU2MW-46I	25	20-25	-	-	-	-
OU2MW-46I2	45	40-45	-	-	-	-
OU2MW-47S	15	5-15	X	X	X	X
OU2MW-47I	25	20-25	X	X	X	X
OU2MW-47I2	45	40-45	X	X	X	X
OU2MW-47D	65	60-65	X	X	X	X
OU2MW-52S	8	3-8	-	-	-	-
OU2MW-52I	25	20-25	-	-	-	-
OU2MW-52D	40	35-40	-	-	-	-

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
OU2MW-53S	8	3-8	-	-	-	-
OU2MW-53I	25	20-25	-	-	-	-
OU2MW-53D	40	35-40	-	-	-	-
OU2MW-54S	15	5-15	-	-	-	-
OU2MW-54I	30	25-30	-	-	-	-
OU2MW-54I2	45	40-45	-	-	-	-
OU2MW-54D	65	60-65	-	-	-	-
OU2MW-55S	15	5-15	-	-	-	X
OU2MW-55I	35	30-35	-	-	-	X
OU2MW-55I2	55	50-55	-	-	-	X
OU2MW-55D	70	65-70	-	-	-	X
OU2MW-56S	15	5-15	-	-	-	X
OU2MW-56I	30	25-30	-	-	-	X
OU2MW-56I2	50	45-50	-	-	-	X
OU2MW-56D	70	65-70	-	-	-	X
OU2MW-58S	17	5-15	-	-	-	-
OU2MW-58I	32	25-30	-	-	-	-
Number of Wells Sampled per Quarter			53	45	41	54
OU-3 Monitoring Wells						
BBMW-09S	15	5-15	-	-	-	-
BBMW-09I	40	30-40	-	-	-	-
BBMW-09D	72	62-72	-	-	-	-
BBMW-28S	12	2-12	-	-	-	-
BBMW-28I	20	10-20	-	-	-	-
BBMW-29	9	2-9	-	-	-	-
BBMW-30S	10	2-10	-	-	-	-
BBMW-30I	19	14-19	-	-	-	-
BBMW-30D	35	30-35	-	-	-	-
BBMW-31S	10	2-10	-	-	-	-
BBMW-31I	19	14-19	-	-	-	-
BBMW-31D	35	30-35	-	-	-	-
BBMW-32S	10	2-10	-	-	-	-
BBMW-32I	19	14-19	-	-	-	-
BBMW-32D	35	30-35	-	-	-	-
BBMW-33	12	7-12	-	-	-	-
BW-UST-10	9.95	4.65-9.95	-	-	-	-
BW-UST-11	9.4	4.4-9.4	-	-	-	-
BW-UST-28	10	5-10	-	-	-	-
BW-UST-29	10	5-10	-	-	-	-
GM-02AS	unknown		-	-	-	-
GM-02AI	unknown		-	-	-	-
GM-02AD	unknown		-	-	-	-
IO-10	16	6-16	-	-	-	-

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
MW-01S	14	4-14	-	-	-	-
MW-01D	45	35-45	-	-	-	-
MW-03	14.94	4.94-14.94	-	-	-	-
MW-04	15.1	4.1-15.1	-	-	-	-
MW-11W	10	2-10	-	-	-	-
MW-12W	10	25-30	-	-	-	-
MW-13W	10	2-10	-	-	-	-
MW-29S	10	5-10	-	-	-	-
MW-29D	19	14-19	-	-	-	-
MW-30W-R	9	2-9	-	-	-	-
MW-32WR	9	2-9	-	-	-	-
MW-33W	unknown		-	-	-	-
MW-34S	10	2-10	-	-	-	-
MW-34I	19.5	18.5-19.5	-	-	-	-
MW-34D	28.5	27.5-28.5	-	-	-	-
MW-34DD	40	unknown	-	-	-	-
MW-37W	10	2-10	-	-	-	-
MW-39W	10	2-10	-	-	-	-
MW-45W	10	2-10	-	-	-	-
MW-46W-R	10	2-10	-	-	-	-
MW-64	24	19-24	X	X	X	X
MW-65	16	11-16	X	X	X	X
MW-66S	11.5	1.5-11.5	-	-	-	-
MW-66D	29	24-29	-	-	-	-
MW-67S	12	2.5 - 12.5	-	-	-	-
MW-67D	28.5	24 - 29	-	-	-	-
MW-68S	19.5	unknown	-	-	-	-
MW-68D	30	25.0-30.0	-	-	-	-
MW-70/70S	12	2-12	-	-	-	-
MW-73	12	2-12	X	X	X	X
MW-73I	27	22-27	-	-	-	X
MW-75	12	2-12	-	-	-	-
MW-75I	27	22-27	-	-	-	X
MW-76	12	2-12	-	-	-	-
MW-78	20	5-20	X	X	X	X
MW-79	20	5-20	X	X	X	X
MW-80	20	5-20	X	X	X	X
MW-81	20	5-20	-	-	-	-
MW-82	20	5-20	-	-	-	-
MW-83	20	5-20	X	X	X	X
MW-BS-01S	unknown		-	-	-	-
MW-BS-02S	15	5-15	-	-	-	-
MW-BS-02I	15.5	14.5-15.5	-	-	-	-

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
MW-BS-02D	25.5	24.5-25.5	-	-	-	-
OU3MW-01S	13	3-13	-	-	-	-
OU3MW-02S	13	3-13	-	-	-	-
OU3MW-02I	20	15-20	-	-	-	-
OU3MW-03S	11	1-11	-	-	-	-
OU3MW-03I	25	20-25	-	-	-	-
OU3MW-04S	11	1-11	-	-	-	-
OU3MW-04I	21	16-21	-	-	-	-
OU3MW-04D	31	26-31	-	-	-	-
OU3MW-04D2	36	31-36	-	-	-	-
OU3MW-04D3	46	41-46	-	-	-	-
OU3MW-05S	12	2-12	-	-	-	-
OU3MW-05I	20	15-20	-	-	-	-
OU3MW-06	13	3-13	-	-	-	-
OU3MW-07S	13	3-13	X	X	X	X
OU3MW-07I	20	15-20	X	X	X	X
OU3MW-07I2	25	20-25	X	X	X	X
OU3MW-07I3	30	25-30	X	X	X	X
OU3MW-07I4	40	30-35	X	X	X	X
OU3MW-08S	12	2-12	X	X	X	X
OU3MW-08I	30	25-30	-	-	-	-
OU3MW-09S	12	2-12	X	X	X	X
OU3MW-09I	30	25-30	X	X	X	X
OU3MW-09I2	40	35-40	-	-	-	X
OU3MW-10S	12	2-12	-	-	-	X
OU3MW-10I	30	25-30	X	X	X	X
OU3MW-11S	12	2-12	-	-	-	-
OU3MW-11I	30	25-30	-	-	-	-
OU3MW-12S	12	2-12	-	-	-	-
OU3MW-12I	30	25-30	-	-	-	-
OU3MW-13S	12	2-12	X	X	X	X
OU3MW-14S	12	2-12	-	-	-	-
OU3MW-15S	12	2-12	-	-	-	-
OU3MW-16S	12	2-12	X	X	X	X
OU3MW-17S	12	2-12	-	-	-	-
OU3MW-17I	20	15-20	-	-	-	-
OU3MW-17I2	30	25-30	-	-	-	-
OU3MW-18I	20	15-20	-	-	-	-
OU3MW-18I2	30	25-30	-	-	-	-
OU3MW-19S	12	2-12	X	X	X	X
OU3MW-19I	25	20-25	X	X	X	X
OU3MW-19I2	35	30-35	X	X	X	X
OU3MW-20S	12	2-12	X	X	X	X

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
OU3MW-20I	**25**	**20-25**	x	x	x	x
OU3MW-20I2	**35**	**30-35**	x	x	x	x
OU3MW-21S	**12**	**2-12**	-	-	-	-
OU3MW-21I	**20**	**15-20**	-	-	-	-
OU3MW-21I2	**30**	**25-30**	-	-	-	-
OU3MW-22I/IP-15A	**15**	**10-15**	x	x	x	x
OU3MW-22I2/IP-15B	**30**	**25-30**	x	x	-	x
OU3MW-23I/IP-17B	**15**	**10-15**	x	x	x	x
OU3MW-23I2/IP-17A	**30**	**25-30**	x	x	x	x
OU3MW-24I/IP-19A	**15**	**10-15**	x	x	x	x
OU3MW-24I2/IP-19B	**30**	**25-30**	x	x	x	x
IP-16A	**15**	**14-15**	x	x	x	x
IP-16B	**30**	**29-30**	x	x	x	x
IP-18A	**15**	**14-15**	x	x	-	x
IP-18B	**30**	**29-30**	x	x	x	x
IP-20A	**15**	**14-15**	x	x	x	x
IP-20B	**30**	**29-30**	x	x	x	x
PDMW-01	**20**	**5-20**	-	-	-	-
SV-02	**12**	**2-12**	-	-	-	-
SV-02I	**27**	**22-27**	x	x	x	x
SV-02I2	**40**	**35-40**	-	-	-	-
SV-03	**12**	**2-12**	-	-	-	-
Number of Wells Sampled per Quarter			37	37	35	41
OU-4 Monitoring Wells						
WCMW-02S	**13**	**3-13**	-	-	-	-
WCMW-02I	**43.5**	**34.5-43.5**	-	-	-	-
WCMW-02D	**72**	**62-72**	-	-	-	-
WCMW-04S	**11.6**	**1.6-11.6**	-	-	-	-
WCMW-04I	**24**	**19-24**	x	x	x	x
WCMW-04I2	**34.85**	**29.85-34.85**	-	-	-	-
WCMW-05S	**11.15**	**1.15-11.15**	-	-	-	-
WCMW-05I	**24.61**	**19.61-24.61**	x	x	x	x
WCMW-05I2	**34.96**	**29.46-34.96**	x	x	-	x
WCMW-06S	**12**	**2-12**	-	-	-	-
WCMW-06I	**24.55**	**19.55-24.55**	-	-	-	-
WCMW-06I2	**34.83**	**29.83-34.83**	-	-	-	-
WCMW-07S	**12.76**	**2.76-12.76**	-	-	-	-
WCMW-07I	**23.9**	**18.9-23.9**	-	-	-	-
WCMW-07I2	**33.95**	**28.95-33.95**	-	-	-	-
WCMW-08S	**19.2**	**4.2-19.2**	-	-	-	-
WCMW-08I	**24.2**	**19.2-24.2**	-	-	-	-
WCMW-08I2	**31.9**	**26.9-31.9**	-	-	-	-
WCMW-10S	**20**	**15-20**	-	-	-	-

Sample Location Designation	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Q3 2016	Q4 2016	Q1 2017	Q2 2017
WCMW-10D	50	40-50	-	-	-	-
WCMW-11S	15	5-15	x	x	x	x
WCMW-11I	35	25-35	x	x	x	x
WCMW-11D	60	50-60	-	-	-	-
WCMW-12S	13	3-13	-	-	-	-
WCMW-12I	30	25-30	-	-	-	-
WCMW-12D	72	67-72	-	-	-	-
WCMW-13S	13	3-13	-	-	-	-
WCMW-13I	30	25-30	-	-	-	-
WCMW-13D	70	65-70	-	-	-	-
WCMW-14S	12	2-12	x	x	x	x
WCMW-14I	25	20-25	x	x	x	x
WCMW-14I2	35	30-35	-	-	-	-
WCMW-14D	72	67-72	-	-	-	-
WCMW-19S	12	2-12	-	-	-	-
WCMW-19I	25	20-25	-	-	-	-
WCMW-19I2	35	30-35	-	-	-	-
WCMW-22S	12	2-12	-	-	-	-
WCMW-22I	30	25-30	-	-	-	-
WCMW-23S	12	2-12	-	-	-	-
WCMW-23I	30	25-30	-	-	-	-
WCMW-25I	35	30-35	-	-	-	-
WCMW-25D	60	55-60	-	-	-	-
WCMW-26S	12	2-12	x	x	x	x
WCMW-26I	25	20-25	x	x	x	x
WCMW-26I2	35	30-35	-	-	-	-
WCMW-29S	25	2-12	x	x	x	x
WCMW-29I	25	20-25	x	x	x	x
WCMW-30S	12	2-12	-	-	-	-
WCMW-30I	25	20-25	x	x	x	x
WCMW-30I2	35	30-35	-	-	-	-
WCMW-31S	12	2-12	-	-	-	-
WCMW-31I	25	20-25	-	-	-	-
WCMW-31I2	35	30-35	-	-	-	-
WCMW-32S	12	2-12	x	x	x	x
Number of Wells Sampled per Quarter			13	13	12	13
Number of Wells Sampled Total			**167**	**160**	**150**	**174**

Note:
* = Monitoring well not sampled if NAPL is present
NAPL = Non-Aqueous Phase Liquid

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC
		Sample Date	7/26/2016	7/26/2016	8/16/2016	8/16/2016	9/26/2016	9/26/2016	10/24/2016	10/24/2016
		Units	µg/m^3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv
		Validation Level	Level 4	Level 4	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]								
BTEX										
Benzene	71-43-2	5.8	0.639 UJ	0.0002 UJ	0.639 U	0.0002 U	0.639 U	0.0002 U	**0.316 J**	**0.0000989 J**
Toluene	108-88-3	21	**0.317 J**	**0.0000841 J**	**0.445 J**	**0.000118 J**	**0.279 J**	**0.000074 J**	**0.456 J**	**0.000121 J**
Ethylbenzene	100-41-4	1.9	0.869 UJ	0.0002 UJ	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U
o-Xylene	95-47-6	2.5	0.869 UJ	0.0002 UJ	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U
m/p-Xylene	179601-23-1	3.1	1.74 UJ	0.000401 UJ	1.74 U	0.000401 U	1.74 U	0.000401 U	1.74 U	0.000401 U
Total BTEX (ND=0)	TBTEX_ND0	NE	NA	**0.0000841**	NA	**0.000118**	NA	**0.000074**	NA	**0.0002199**
Other VOCs										
Acetaldehyde	75-07-0	NE	**46.1 J**	**0.0256 J**	**84.7**	**0.047**	**83.8**	**0.0465**	**64.5**	**0.0358**
Acetone	67-64-1	58	**23.5 J**	**0.00989 J**	**46.1**	**0.0194**	**30.6**	**0.0129**	**72.9**	**0.0307**
Acrolein (propenal)	107-02-8	NE	**1.80 J**	**0.000785 J**	**0.974 J**	**0.000425 J**	**1.03 J**	**0.000449 J**	**4.26**	**0.00186**
Allyl chloride (3-Chloropropene)	107-05-1	NE	0.626 UJ	0.0002 UJ	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 U	0.0002 U
Benzothiophene (1-Benzothiophene)	11095-43-5	NE	2.74 UJ	0.000499 UJ	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U
Bromodichloromethane	75-27-4	NE	1.34 UJ	0.0002 UJ	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 U	0.0002 U
Bromoform	75-25-2	NE	2.07 UJ	0.0002 UJ	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 U	0.0002 U
Bromomethane	74-83-9	0.9	0.777 UJ	0.0002 UJ	0.777 U	0.0002 U	**0.280 J**	**0.0000721 J**	0.777 U	0.0002 U
1,3-Butadiene	106-99-0	NE	0.442 UJ	0.0002 UJ	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 U	0.0002 U
Butane	106-97-8	NE	0.594 UJ	0.00025 UJ	**0.480 B**	**0.000202 B**	**0.426 J**	**0.000179 J**	**0.763**	**0.000321**
t-Butyl alcohol (Tertiary Butyl Alcohol)	75-65-0	NE	**1.82 J**	**0.0006 J**	**1.82**	**0.0006**	**0.876 J**	**0.000289 J**	**1.82**	**0.0006**
Carbon disulfide	75-15-0	NE	**1.48 J**	**0.000475 J**	**0.928 B**	**0.000298 B**	**0.533 J**	**0.000171 J**	**0.654**	**0.00021**
Carbon tetrachloride	56-23-5	1	**0.346 J**	**0.000055 J**	**0.384 J**	**0.000061 J**	**0.428 J**	**0.000068 J**	**0.384 J**	**0.000061 J**
Chlorobenzene	108-90-7	0.25	0.921 UJ	0.0002 UJ	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 U	0.0002 U
Chloroethane	75-00-3	0.4	0.528 UJ	0.0002 UJ	0.528 U	0.0002 U	**0.235 J**	**0.0000891 J**	**2.14**	**0.000811**
Chloroform (Trichloromethane)	67-66-3	0.5	**0.327 J**	**0.000067 J**	**0.562 J**	**0.000115 J**	**0.264 J**	**0.0000541 J**	**0.537 J**	**0.00011 J**
Chloromethane	74-87-3	4.6	**1.14 J**	**0.000552 J**	**1.30**	**0.00063**	**1.60**	**0.000775**	**6.75**	**0.00327**
2-Chlorotoluene (o-Chlorotoluene)	95-49-8	NE	1.04 UJ	0.000201 UJ	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 U	0.000201 U
Cryofluorane (Freon 114)	76-14-2	1.3	1.40 UJ	0.0002 UJ	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 U	0.0002 U
Cyclohexane	110-82-7	3	0.688 UJ	0.0002 UJ	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U
n-Decane (C10)	124-18-5	3.6	1.16 UJ	0.000199 UJ	1.16 U	0.000199 U	**1.26**	**0.000217**	1.16 U	0.000199 U
Dibromochloromethane	124-48-1	NE	1.70 UJ	0.0002 UJ	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 U	0.0002 U
1,2-Dibromoethane (EDB)	106-93-4	0.25	1.54 UJ	0.0002 UJ	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 U	0.0002 U
1,2-Dichlorobenzene	95-50-1	0.9	1.20 UJ	0.0002 UJ	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U
1,3-Dichlorobenzene	541-73-1	0.7	1.20 UJ	0.0002 UJ	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U
1,4-Dichlorobenzene	106-46-7	0.8	1.20 UJ	0.0002 UJ	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U
Dichlorodifluoromethane (Freon 12)	75-71-8	11	**2.08 J**	**0.000421 J**	**2.34**	**0.000473**	**1.62**	**0.000328**	**1.95**	**0.000394**
1,1-Dichloroethane	75-34-3	0.25	0.809 UJ	0.0002 UJ	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U
1,2-Dichloroethane	107-06-2	0.25	0.809 UJ	0.0002 UJ	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U
1,1-Dichloroethene	75-35-4	0.25	0.793 UJ	0.0002 UJ	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U
cis-1,2-Dichloroethene	156-59-2	0.25	0.793 UJ	0.0002 UJ	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U
trans-1,2-Dichloroethene	156-60-5	NE	0.793 UJ	0.0002 UJ	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U
1,2-Dichloropropane	78-87-5	0.25	0.924 UJ	0.0002 UJ	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 U	0.0002 U
cis-1,3-Dichloropropene	10061-01-5	0.25	0.908 UJ	0.0002 UJ	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U
trans-1,3-Dichloropropene	10061-02-6	0.25	0.908 UJ	0.0002 UJ	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U
1,4-Dioxane	123-91-1	NE	0.721 UJ	0.0002 UJ	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U
n-Dodecane (C12)	112-40-3	7.6	**0.390 J**	**0.000056 J**	**0.808 J**	**0.000116 J**	**7.31**	**0.00105**	**0.968 J**	**0.000139 J**
Ethanol	64-17-5	220	**4.13 J**	**0.00219 J**	**9.72**	**0.00516**	**15.8**	**0.00839**	**5.69**	**0.00302**

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC
		Sample Date	7/26/2016	7/26/2016	8/16/2016	8/16/2016	9/26/2016	9/26/2016	10/24/2016	10/24/2016
		Units	µg/m^3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv
		Validation Level	Level 4	Level 4	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]								
2-Ethylthiophene	872-55-9	NE	0.918 UJ	0.0002 UJ	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 U	0.0002 U
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	NE	0.983 UJ	0.0002 UJ	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U
n-Heptane (C7)	142-82-5	5.1	0.820 UJ	0.0002 UJ	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U
Hexachlorobutadiene (C-46)	87-68-3	7	2.13 UJ	0.0002 UJ	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 U	0.0002 U
n-Hexane (C6)	110-54-3	3.6	0.705 UJ	0.0002 UJ	0.705 U	0.0002 U	0.705 U	0.0002 U	**0.219 J**	**0.0000621 J**
2-Hexanone	591-78-6	NE	**0.971 J**	**0.000237 J**	**0.750 J**	**0.000183 J**	**0.541 J**	**0.000132 J**	**0.914**	**0.000223**
Indane	496-11-7	NE	0.967 UJ	0.0002 UJ	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 U	0.0002 U
Indene	95-13-6	NE	0.951 UJ	0.0002 UJ	0.951 U	0.0002 U	0.951 U	0.0002 U	0.951 U	0.0002 U
Methyl ethyl ketone (2-Butanone)	78-93-3	17	**4.22 J**	**0.00143 J**	**6.02**	**0.00204**	**5.43**	**0.00184**	**6.69**	**0.00227**
Methyl tert-butyl ether (MTBE)	1634-04-4	5.9	0.721 UJ	0.0002 UJ	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U
4-Methyl-2-pentanone (MIBK)	108-10-1	2.9	2.05 UJ	0.0005 UJ	2.05 U	0.0005 U	**0.373 J**	**0.0000911 J**	**0.463 J**	**0.000113 J**
Methylene chloride	75-09-2	2.9	**1.05 J**	**0.000302 J**	1.74 U	0.000501 U	1.74 U	0.000501 U	**1.30 J**	**0.000374 J**
1-Methylnaphthalene	90-12-0	NE	5.82 UJ	0.001 UJ	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U
2-Methylnaphthalene	91-57-6	NE	5.82 UJ	0.001 UJ	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U
2-Methylthiophene	554-14-3	NE	0.803 UJ	0.0002 UJ	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U
3-Methylthiophene	616-44-4	NE	0.803 UJ	0.0002 UJ	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U
Naphthalene	91-20-3	10	1.05 UJ	0.0002 UJ	1.05 U	0.0002 U	**0.278 J**	**0.000053 J**	1.05 U	0.0002 U
n-Nonane (C9)	111-84-2	1.2	1.05 UJ	0.0002 UJ	1.05 U	0.0002 U	1.05 U	0.0002 U	**0.488 J**	**0.000093 J**
n-Octane (C8)	111-65-9	2.1	0.934 UJ	0.0002 UJ	0.934 U	0.0002 U	0.934 U	0.0002 U	**0.364 J**	**0.0000779 J**
Pentane	109-66-0	NE	1.00 UJ	0.000339 UJ	**1.03**	**0.000349**	**0.918**	**0.000311**	**0.705**	**0.000239**
2-Propanol (Isopropyl Alcohol)	67-63-0	NE	**0.651 J**	**0.000265 J**	**10.5**	**0.00427**	**1.50**	**0.00061**	**1.41**	**0.000574**
Styrene	100-42-5	0.6	0.852 UJ	0.0002 UJ	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 U	0.0002 U
1,1,2,2-Tetrachloroethane	79-34-5	0.25	1.37 UJ	0.0002 UJ	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 U	0.0002 U
Tetrachloroethene (PCE)	127-18-4	1.6	1.36 UJ	0.0002 UJ	1.36 U	0.0002 U	**1.23 J**	**0.000181 J**	1.36 U	0.0002 U
1,2,4,5-Tetramethylbenzene	95-93-2	NE	1.10 UJ	0.0002 UJ	1.10 U	0.0002 U	2.74 U	0.000499 U	1.10 U	0.0002 U
Thiophene	110-02-1	NE	0.688 UJ	0.0002 UJ	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	76-13-1	3.6	1.53 UJ	0.0002 UJ	**0.422 J**	**0.0000551 J**	**0.422 J**	**0.0000551 J**	**0.437 J**	**0.000057 J**
1,2,4-Trichlorobenzene	120-82-1	4.8	1.48 UJ	0.000199 UJ	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 U	0.000199 U
1,1,1-Trichloroethane (TCA)	71-55-6	0.7	1.09 UJ	0.0002 UJ	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U
1,1,2-Trichloroethane	79-00-5	0.25	1.09 UJ	0.0002 UJ	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U
Trichloroethene (TCE)	79-01-6	0.5	1.07 UJ	0.000199 UJ	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 U	0.000199 U
Trichlorofluoromethane (Freon 11)	75-69-4	6.1	**1.33 J**	**0.000237 J**	**1.29**	**0.00023**	**1.07 J**	**0.00019 J**	**1.16**	**0.000206**
1,2,3-Trimethylbenzene	526-73-8	0.6	0.983 UJ	0.0002 UJ	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U
1,2,4-Trimethylbenzene	95-63-6	2.5	0.983 UJ	0.0002 UJ	0.983 U	0.0002 U	**0.428 J**	**0.0000871 J**	0.983 U	0.0002 U
1,3,5-Trimethylbenzene	108-67-8	1	0.983 UJ	0.0002 UJ	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U
2,2,4-Trimethylpentane (iso-Octane)	540-84-1	2	0.934 UJ	0.0002 UJ	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U
n-Undecane (C11)	1120-21-4	2.3	1.28 UJ	0.0002 UJ	1.28 U	0.0002 U	**1.39**	**0.000217**	1.28 U	0.0002 U
Vinyl bromide (Bromoethene)	593-60-2	NE	0.874 UJ	0.0002 UJ	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 U	0.0002 U
Vinyl chloride	75-01-4	0.25	0.511 UJ	0.0002 UJ	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 U	0.0002 U
Total VOCs (ND=0)	TVOC_ND0	NE	NA	**0.0432461**	NA	**0.0817251**	NA	**0.0753726**	NA	**0.0818049**

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-PREGAC	OZ-PREGAC	OZ PREGAC	OZ PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC
		Sample Date	11/29/2016	11/29/2016	12/22/2016	12/22/2016	1/26/2017	1/26/2017	2/15/2017	2/15/2017
		Units	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv
		Validation Level	Level 4	Level 4	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]								
BTEX										
Benzene	71-43-2	5.8	**1.27 J**	**0.000398 J**	**0.610 J**	**0.000191 J**	**0.594 J**	**0.000186 J**	**0.578 J**	**0.000181 J**
Toluene	108-88-3	21	**0.995 J**	**0.000264 J**	**1.57**	**0.000417**	**1.27**	**0.000337**	**1.74**	**0.000462**
Ethylbenzene	100-41-4	1.9	0.869 UJ	0.0002 UJ	**0.556 J**	**0.000128 J**	**0.252 J**	**0.000058 J**	**0.308 J**	**0.0000709 J**
o-Xylene	95-47-6	2.5	0.869 UJ	0.0002 UJ	**0.769 J**	**0.000177 J**	**0.287 J**	**0.0000661 J**	**0.400 J**	**0.0000921 J**
m/p-Xylene	179601-23-1	3.1	1.74 UJ	0.000401 UJ	**1.76**	**0.000405**	**0.669 J**	**0.000154 J**	**0.947 J**	**0.000218 J**
Total BTEX (ND=0)	TBTEX_ND0	NE	NA	**0.000662**	NA	**0.001318**	NA	**0.0008011**	NA	**0.001024**
Other VOCs										
Acetaldehyde	75-07-0	NE	**48.6 J**	**0.027 J**	4.50 U	0.0025 U	**3.77 J**	**0.00209 J**	4.50 U	0.0025 U
Acetone	67-64-1	58	**64.1 J**	**0.027 J**	**5.87**	**0.00247**	5.80 U	0.00244 U	**3.42**	**0.00144**
Acrolein (propenal)	107-02-8	NE	**1.32 J**	**0.000576 J**	1.15 U	0.000502 U	**0.305 J**	**0.000133 J**	**0.346 J**	**0.000151 J**
Allyl chloride (3-Chloropropene)	107-05-1	NE	0.626 UJ	0.0002 UJ	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 U	0.0002 U
Benzothiophene (1-Benzothiophene)	11095-43-5	NE	2.74 UJ	0.000499 UJ	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U
Bromodichloromethane	75-27-4	NE	1.34 UJ	0.0002 UJ	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 U	0.0002 U
Bromoform	75-25-2	NE	2.07 UJ	0.0002 UJ	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 U	0.0002 U
Bromomethane	74-83-9	0.9	0.777 UJ	0.0002 UJ	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 U	0.0002 U
1,3-Butadiene	106-99-0	NE	0.442 UJ	0.0002 UJ	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 U	0.0002 U
Butane	106-97-8	NE	**2.95 J**	**0.00124 J**	**3.40**	**0.00143**	**2.95**	**0.00124**	**6.01**	**0.00253**
t-Butyl alcohol (Tertiary Butyl Alcohol)	75-65-0	NE	**1.51 J**	**0.000498 J**	1.52 U	0.000501 U	1.52 U	0.000501 U	**0.300 J**	**0.000099 J**
Carbon disulfide	75-15-0	NE	**0.224 J**	**0.0000719 J**	0.623 U	0.0002 U	**0.146 J**	**0.0000469 J**	0.623 U	0.0002 U
Carbon tetrachloride	56-23-5	1	1.26 UJ	0.0002 UJ	1.26 U	0.0002 U	**0.421 J**	**0.0000669 J**	1.26 U	0.0002 U
Chlorobenzene	108-90-7	0.25	0.921 UJ	0.0002 UJ	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 U	0.0002 U
Chloroethane	75-00-3	0.4	**0.285 J**	**0.000108 J**	0.528 U	0.0002 U	0.528 U	0.0002 U	0.528 U	0.0002 U
Chloroform (Trichloromethane)	67-66-3	0.5	0.977 UJ	0.0002 UJ	0.977 U	0.0002 U	0.977 U	0.0002 U	0.977 U	0.0002 U
Chloromethane	74-87-3	4.6	**1.46 J**	**0.000707 J**	**1.06**	**0.000513**	**1.01**	**0.000489**	**1.20**	**0.000581**
2-Chlorotoluene (o-Chlorotoluene)	95-49-8	NE	1.04 UJ	0.000201 UJ	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 U	0.000201 U
Cryofluorane (Freon 114)	76-14-2	1.3	1.40 UJ	0.0002 UJ	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 U	0.0002 U
Cyclohexane	110-82-7	3	0.688 UJ	0.0002 UJ	0.688 U	0.0002 U	0.688 U	0.0002 U	**0.695**	**0.000202**
n-Decane (C10)	124-18-5	3.6	**0.285 J**	**0.000049 J**	**0.565 J**	**0.0000971 J**	**0.314 J**	**0.000054 J**	**0.349 J**	**0.00006 J**
Dibromochloromethane	124-48-1	NE	1.70 UJ	0.0002 UJ	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 U	0.0002 U
1,2-Dibromoethane (EDB)	106-93-4	0.25	1.54 UJ	0.0002 UJ	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 U	0.0002 U
1,2-Dichlorobenzene	95-50-1	0.9	1.20 UJ	0.0002 UJ	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U
1,3-Dichlorobenzene	541-73-1	0.7	1.20 UJ	0.0002 UJ	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U
1,4-Dichlorobenzene	106-46-7	0.8	1.20 UJ	0.0002 UJ	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U
Dichlorodifluoromethane (Freon 12)	75-71-8	11	**1.67 J**	**0.000338 J**	**1.63**	**0.00033**	**1.98**	**0.0004**	**1.60**	**0.000324**
1,1-Dichloroethane	75-34-3	0.25	0.809 UJ	0.0002 UJ	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U
1,2-Dichloroethane	107-06-2	0.25	0.809 UJ	0.0002 UJ	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U
1,1-Dichloroethene	75-35-4	0.25	0.793 UJ	0.0002 UJ	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U
cis-1,2-Dichloroethene	156-59-2	0.25	0.793 UJ	0.0002 UJ	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U
trans-1,2-Dichloroethene	156-60-5	NE	0.793 UJ	0.0002 UJ	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U
1,2-Dichloropropane	78-87-5	0.25	0.924 UJ	0.0002 UJ	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 U	0.0002 U
cis-1,3-Dichloropropene	10061-01-5	0.25	0.908 UJ	0.0002 UJ	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U
trans-1,3-Dichloropropene	10061-02-6	0.25	0.908 UJ	0.0002 UJ	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U
1,4-Dioxane	123-91-1	NE	0.721 UJ	0.0002 UJ	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U
n-Dodecane (C12)	112-40-3	7.6	1.39 UJ	0.0002 UJ	**0.745 J**	**0.000107 J**	**0.467 J**	**0.000067 J**	**0.599 J**	**0.000086 J**
Ethanol	64-17-5	220	**9.82 J**	**0.00521 J**	**8.37**	**0.00444**	**4.65 J**	**0.00247 J**	**4.22 J**	**0.00224 J**

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-PREGAC	OZ-PREGAC	OZ PREGAC	OZ PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC
		Sample Date	11/29/2016	11/29/2016	12/22/2016	12/22/2016	1/26/2017	1/26/2017	2/15/2017	2/15/2017
		Units	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv
		Validation Level	Level 4	Level 4	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]								
2-Ethylthiophene	872-55-9	NE	0.918 UJ	0.0002 UJ	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 U	0.0002 U
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	NE	0.983 UJ	0.0002 UJ	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U
n-Heptane (C7)	142-82-5	5.1	**0.504 J**	**0.000123 J**	**0.324 J**	**0.0000791 J**	**0.365 J**	**0.0000891 J**	**0.430 J**	**0.000105 J**
Hexachlorobutadiene (C-46)	87-68-3	7	2.13 UJ	0.0002 UJ	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 U	0.0002 U
n-Hexane (C6)	110-54-3	3.6	**0.500 J**	**0.000142 J**	**0.412 J**	**0.000117 J**	**0.405 J**	**0.000115 J**	**0.990**	**0.000281**
2-Hexanone	591-78-6	NE	**0.852 J**	**0.000208 J**	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U
Indane	496-11-7	NE	0.967 UJ	0.0002 UJ	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 U	0.0002 U
Indene	95-13-6	NE	0.951 UJ	0.0002 UJ	0.951 U	0.0002 U	0.951 UJ	0.0002 UJ	0.951 U	0.0002 U
Methyl ethyl ketone (2-Butanone)	78-93-3	17	**6.78 J**	**0.0023 J**	**0.714 J**	**0.000242 J**	**1.16 J**	**0.000393 J**	**0.849 J**	**0.000288 J**
Methyl tert-butyl ether (MTBE)	1634-04-4	5.9	0.721 UJ	0.0002 UJ	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U
4-Methyl-2-pentanone (MIBK)	108-10-1	2.9	2.05 UJ	0.0005 UJ	2.05 U	0.0005 U	2.05 U	0.0005 U	2.05 U	0.0005 U
Methylene chloride	75-09-2	2.9	1.74 UJ	0.000501 UJ	**1.99**	**0.000573**	1.74 U	0.000501 U	**18.8**	**0.00541**
1-Methylnaphthalene	90-12-0	NE	5.82 UJ	0.001 UJ	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U
2-Methylnaphthalene	91-57-6	NE	5.82 UJ	0.001 UJ	5.82 U	0.001 U	5.82 UJ	0.001 UJ	5.82 U	0.001 U
2-Methylthiophene	554-14-3	NE	0.803 UJ	0.0002 UJ	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U
3-Methylthiophene	616-44-4	NE	0.803 UJ	0.0002 UJ	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U
Naphthalene	91-20-3	10	1.05 UJ	0.0002 UJ	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U
n-Nonane (C9)	111-84-2	1.2	**1.22 J**	**0.000233 J**	**0.373 J**	**0.0000711 J**	1.05 U	0.0002 U	1.05 U	0.0002 U
n-Octane (C8)	111-65-9	2.1	**0.504 J**	**0.000108 J**	0.934 U	0.0002 U	0.934 U	0.0002 U	**0.234 J**	**0.0000501 J**
Pentane	109-66-0	NE	**1.71 J**	**0.000579 J**	**1.43**	**0.000485**	**1.34**	**0.000454**	**2.48**	**0.00084**
2-Propanol (Isopropyl Alcohol)	67-63-0	NE	**1.37 J**	**0.000557 J**	**1.22 J**	**0.000496 J**	1.23 U	0.0005 U	**1.98**	**0.000806**
Styrene	100-42-5	0.6	0.852 UJ	0.0002 UJ	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 U	0.0002 U
1,1,2,2-Tetrachloroethane	79-34-5	0.25	1.37 UJ	0.0002 UJ	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 U	0.0002 U
Tetrachloroethene (PCE)	127-18-4	1.6	1.36 UJ	0.0002 UJ	1.36 U	0.0002 U	1.36 U	0.0002 U	1.36 U	0.0002 U
1,2,4,5-Tetramethylbenzene	95-93-2	NE	2.74 UJ	0.000499 UJ	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U
Thiophene	110-02-1	NE	0.688 UJ	0.0002 UJ	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	76-13-1	3.6	**0.399 J**	**0.0000521 J**	**0.406 J**	**0.000053 J**	**0.429 J**	**0.000056 J**	**0.414 J**	**0.000054 J**
1,2,4-Trichlorobenzene	120-82-1	4.8	1.48 UJ	0.000199 UJ	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 U	0.000199 U
1,1,1-Trichloroethane (TCA)	71-55-6	0.7	1.09 UJ	0.0002 UJ	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U
1,1,2-Trichloroethane	79-00-5	0.25	1.09 UJ	0.0002 UJ	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U
Trichloroethene (TCE)	79-01-6	0.5	1.07 UJ	0.000199 UJ	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 U	0.000199 U
Trichlorofluoromethane (Freon 11)	75-69-4	6.1	**1.19 J**	**0.000212 J**	**1.03 J**	**0.000183 J**	**1.13**	**0.000201**	**1.14**	**0.000203**
1,2,3-Trimethylbenzene	526-73-8	0.6	0.983 UJ	0.0002 UJ	**0.836 J**	**0.00017 J**	0.983 U	0.0002 U	0.983 U	0.0002 U
1,2,4-Trimethylbenzene	95-63-6	2.5	0.983 UJ	0.0002 UJ	**0.836 J**	**0.00017 J**	0.983 U	0.0002 U	0.983 U	0.0002 U
1,3,5-Trimethylbenzene	108-67-8	1	0.983 UJ	0.0002 UJ	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U
2,2,4-Trimethylpentane (iso-Octane)	540-84-1	2	**0.430 J**	**0.000092 J**	**0.504 J**	**0.000108 J**	**0.313 J**	**0.000067 J**	**0.523 J**	**0.000112 J**
n-Undecane (C11)	1120-21-4	2.3	1.28 UJ	0.0002 UJ	**0.422 J**	**0.000066 J**	1.28 U	0.0002 U	**0.620 J**	**0.000097 J**
Vinyl bromide (Bromoethene)	593-60-2	NE	0.874 UJ	0.0002 UJ	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 U	0.0002 U
Vinyl chloride	75-01-4	0.25	0.511 UJ	0.0002 UJ	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 U	0.0002 U
Total VOCs (ND=0)	TVOC_ND0	NE	NA	**0.068066**	NA	**0.0135183**	NA	**0.009233**	NA	**0.01698**

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC
		Sample Date	3/30/2017	3/30/2017	4/19/2017	4/19/2017	5/30/2017	5/30/2017	6/22/2017	6/22/2017
		Units	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv
		Validation Level	Level 4	Level 4	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]								
BTEX										
Benzene	71-43-2	5.8	**0.278 J**	**0.000087 J**	**0.233 J**	**0.0000729 J**	0.639 U	0.0002 U	**0.208 J**	**0.0000651 J**
Toluene	108-88-3	21	**2.64**	**0.000701**	**0.343 J**	**0.000091 J**	**0.373 J**	**0.000099 J**	**0.746 J**	**0.000198 J**
Ethylbenzene	100-41-4	1.9	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	**0.252 J**	**0.000058 J**
o-Xylene	95-47-6	2.5	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	**0.374 J**	**0.0000861 J**
m/p-Xylene	179601-23-1	3.1	1.74 U	0.000401 U	1.74 U	0.000401 U	1.74 U	0.000401 U	**0.708 J**	**0.000163 J**
Total BTEX (ND=0)	TBTEX_ND0	NE	NA	**0.000788**	NA	**0.0001639**	NA	**0.000099**	NA	**0.0005702**
Other VOCs										
Acetaldehyde	75-07-0	NE	**6.92**	**0.00384**	**5.95**	**0.0033**	**6.77**	**0.00376**	**14.9**	**0.00827**
Acetone	67-64-1	58	5.61 U	0.00236 U	**4.11**	**0.00173**	5.44 U	0.00229 U	**16.1**	**0.00678**
Acrolein (propenal)	107-02-8	NE	1.15 U	0.000502 U	1.15 U	0.000502 U	**0.378 J**	**0.000165 J**	**0.825 J**	**0.00036 J**
Allyl chloride (3-Chloropropene)	107-05-1	NE	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 U	0.0002 U
Benzothiophene (1-Benzothiophene)	11095-43-5	NE	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U
Bromodichloromethane	75-27-4	NE	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 U	0.0002 U
Bromoform	75-25-2	NE	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 U	0.0002 U
Bromomethane	74-83-9	0.9	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 U	0.0002 U
1,3-Butadiene	106-99-0	NE	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 U	0.0002 U
Butane	106-97-8	NE	**0.718**	**0.000302**	**3.49**	**0.00147**	**0.326 J**	**0.000137 J**	**0.763**	**0.000321**
t-Butyl alcohol (Tertiary Butyl Alcohol)	75-65-0	NE	1.52 U	0.000501 U	1.52 U	0.000501 U	1.52 U	0.000501 U	**0.212 J**	**0.0000699 J**
Carbon disulfide	75-15-0	NE	**0.137 J**	**0.000044 J**	0.623 U	0.0002 U	**0.237 J**	**0.0000761 J**	**1.43**	**0.000459**
Carbon tetrachloride	56-23-5	1	**0.346 J**	**0.000055 J**	**0.340 J**	**0.000054 J**	**0.377 J**	**0.0000599 J**	**0.396 J**	**0.0000629 J**
Chlorobenzene	108-90-7	0.25	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 U	0.0002 U
Chloroethane	75-00-3	0.4	0.528 U	0.0002 U	0.528 U	0.0002 U	0.528 U	0.0002 U	0.528 U	0.0002 U
Chloroform (Trichloromethane)	67-66-3	0.5	0.977 U	0.0002 U	0.977 U	0.0002 U	0.977 U	0.0002 U	**0.298 J**	**0.000061 J**
Chloromethane	74-87-3	4.6	**0.892**	**0.000432**	**0.880**	**0.000426**	**0.768**	**0.000372**	**0.812**	**0.000393**
2-Chlorotoluene (o-Chlorotoluene)	95-49-8	NE	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 U	0.000201 U
Cryofluorane (Freon 114)	76-14-2	1.3	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 U	0.0002 U
Cyclohexane	110-82-7	3	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U
n-Decane (C10)	124-18-5	3.6	1.16 U	0.000199 U	1.16 U	0.000199 U	**0.599 J**	**0.000103 J**	**0.326 J**	**0.000056 J**
Dibromochloromethane	124-48-1	NE	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 U	0.0002 U
1,2-Dibromoethane (EDB)	106-93-4	0.25	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 U	0.0002 U
1,2-Dichlorobenzene	95-50-1	0.9	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U
1,3-Dichlorobenzene	541-73-1	0.7	**0.517 J**	**0.000086 J**	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U
1,4-Dichlorobenzene	106-46-7	0.8	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U
Dichlorodifluoromethane (Freon 12)	75-71-8	11	**1.83 J**	**0.00037 J**	**2.59**	**0.000524**	**1.68**	**0.00034**	**1.84**	**0.000372**
1,1-Dichloroethane	75-34-3	0.25	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U
1,2-Dichloroethane	107-06-2	0.25	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U
1,1-Dichloroethene	75-35-4	0.25	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U
cis-1,2-Dichloroethene	156-59-2	0.25	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U
trans-1,2-Dichloroethene	156-60-5	NE	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U
1,2-Dichloropropane	78-87-5	0.25	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 U	0.0002 U
cis-1,3-Dichloropropene	10061-01-5	0.25	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U
trans-1,3-Dichloropropene	10061-02-6	0.25	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U
1,4-Dioxane	123-91-1	NE	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U
n-Dodecane (C12)	112-40-3	7.6	**0.676 J**	**0.000097 J**	3.48 U	0.0005 U	**0.710 J**	**0.000102 J**	**1.21 J**	**0.000174 J**
Ethanol	64-17-5	220	**17.0**	**0.00902**	**4.13 J**	**0.00219 J**	**4.37 J**	**0.00232 J**	**7.65**	**0.00406**

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC	OZ-PREGAC
		Sample Date	3/30/2017	3/30/2017	4/19/2017	4/19/2017	5/30/2017	5/30/2017	6/22/2017	6/22/2017
		Units	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv
		Validation Level	Level 4	Level 4	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]								
2-Ethylthiophene	872-55-9	NE	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 U	0.0002 U
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	NE	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U
n-Heptane (C7)	142-82-5	5.1	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	**0.348 J**	**0.0000849 J**
Hexachlorobutadiene (C-46)	87-68-3	7	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 U	0.0002 U
n-Hexane (C6)	110-54-3	3.6	0.705 U	0.0002 U	**0.208 J**	**0.000059 J**	**0.204 J**	**0.0000579 J**	**0.243 J**	**0.0000689 J**
2-Hexanone	591-78-6	NE	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U
Indane	496-11-7	NE	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 U	0.0002 U
Indene	95-13-6	NE	0.951 U	0.0002 U	0.951 U	0.0002 U	0.951 U	0.0002 U	0.951 U	0.0002 U
Methyl ethyl ketone (2-Butanone)	78-93-3	17	**0.557 J**	**0.000189 J**	**0.313 J**	**0.000106 J**	**0.404 J**	**0.000137 J**	**1.50**	**0.000509**
Methyl tert-butyl ether (MTBE)	1634-04-4	5.9	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U
4-Methyl-2-pentanone (MIBK)	108-10-1	2.9	2.05 U	0.0005 U	2.05 U	0.0005 U	2.05 U	0.0005 U	2.05 U	0.0005 U
Methylene chloride	75-09-2	2.9	1.74 U	0.000501 U	1.74 U	0.000501 U	1.74 U	0.000501 U	1.74 U	0.000501 U
1-Methylnaphthalene	90-12-0	NE	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U
2-Methylnaphthalene	91-57-6	NE	5.82 UJ	0.001 UJ	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U
2-Methylthiophene	554-14-3	NE	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U
3-Methylthiophene	616-44-4	NE	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U
Naphthalene	91-20-3	10	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U
n-Nonane (C9)	111-84-2	1.2	**0.478 J**	**0.0000911 J**	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U
n-Octane (C8)	111-65-9	2.1	**0.603 J**	**0.000129 J**	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U
Pentane	109-66-0	NE	**0.631**	**0.000214**	**0.844**	**0.000286**	**0.502 J**	**0.00017 J**	**0.773**	**0.000262**
2-Propanol (Isopropyl Alcohol)	67-63-0	NE	**2.29**	**0.000932**	1.23 U	0.0005 U	1.23 U	0.0005 U	**1.54 B**	**0.000627 B**
Styrene	100-42-5	0.6	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 U	0.0002 U
1,1,2,2-Tetrachloroethane	79-34-5	0.25	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 U	0.0002 U
Tetrachloroethene (PCE)	127-18-4	1.6	1.36 U	0.0002 U	1.36 U	0.0002 U	1.36 U	0.0002 U	**0.780 J**	**0.000115 J**
1,2,4,5-Tetramethylbenzene	95-93-2	NE	2.74 U	0.000499 U	2.74 U	0.000499 U	1.10 U	0.0002 U	2.74 U	0.000499 U
Thiophene	110-02-1	NE	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	76-13-1	3.6	1.53 U	0.0002 U	1.53 U	0.0002 U	1.53 U	0.0002 U	**0.429 J**	**0.000056 J**
1,2,4-Trichlorobenzene	120-82-1	4.8	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 U	0.000199 U
1,1,1-Trichloroethane (TCA)	71-55-6	0.7	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U
1,1,2-Trichloroethane	79-00-5	0.25	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U
Trichloroethene (TCE)	79-01-6	0.5	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 U	0.000199 U
Trichlorofluoromethane (Freon 11)	75-69-4	6.1	**1.04 J**	**0.000185 J**	**0.961 J**	**0.000171 J**	**1.06 J**	**0.000189 J**	**1.26**	**0.000224**
1,2,3-Trimethylbenzene	526-73-8	0.6	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U
1,2,4-Trimethylbenzene	95-63-6	2.5	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	**0.964 J**	**0.000196 J**
1,3,5-Trimethylbenzene	108-67-8	1	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U
2,2,4-Trimethylpentane (iso-Octane)	540-84-1	2	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	**0.462 J**	**0.0000989 J**
n-Undecane (C11)	1120-21-4	2.3	1.28 U	0.0002 U	1.28 U	0.0002 U	1.28 U	0.0002 U	1.28 U	0.0002 U
Vinyl bromide (Bromoethene)	593-60-2	NE	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 U	0.0002 U
Vinyl chloride	75-01-4	0.25	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 U	0.0002 U
Total VOCs (ND=0)	TVOC_ND0	NE	NA	**0.01677**	NA	**0.01048**	NA	**0.008088**	NA	**0.02425**

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ MGAC	OZ MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC
		Sample Date	12/22/2016	12/22/2016	7/26/2016	7/26/2016	8/16/2016	8/16/2016	9/26/2016	9/26/2016	10/24/2016
		Units	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3
		Validation Level	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2	Level 4	Level 4	Level 2
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]									
BTEX											
Benzene	71-43-2	5.8	0.639 U	0.0002 U	0.639 UJ	0.0002 UJ	0.639 U	0.0002 U	0.639 U	0.0002 U	0.639 U
Toluene	108-88-3	21	0.754 U	0.0002 U	0.754 UJ	0.0002 UJ	0.754 U	0.0002 U	0.754 U	0.0002 U	0.754 U
Ethylbenzene	100-41-4	1.9	0.869 U	0.0002 U	0.869 UJ	0.0002 UJ	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U
o-Xylene	95-47-6	2.5	0.869 U	0.0002 U	0.869 UJ	0.0002 UJ	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U
m/p-Xylene	179601-23-1	3.1	1.74 U	0.000401 U	1.74 UJ	0.000401 UJ	1.74 U	0.000401 U	1.74 U	0.000401 U	1.74 U
Total BTEX (ND=0)	TBTEX_ND0	NE	NA	ND	NA	ND	NA	ND	NA	ND	NA
Other VOCs											
Acetaldehyde	75-07-0	NE	**3.57 J**	**0.00198 J**	**15.5 J**	**0.0086 J**	**20.5**	**0.0114**	**13.2**	**0.00733**	**8.25**
Acetone	67-64-1	58	**3.06**	**0.00129**	**15.3 J**	**0.00644 J**	**11.1**	**0.00467**	**13.4**	**0.00564**	**10.1**
Acrolein (propenal)	107-02-8	NE	1.15 U	0.000502 U	1.15 UJ	0.000502 UJ	1.15 U	0.000502 U	1.15 U	0.000502 U	1.15 U
Allyl chloride (3-Chloropropene)	107-05-1	NE	0.626 U	0.0002 U	0.626 UJ	0.0002 UJ	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 U
Benzothiophene (1-Benzothiophene)	11095-43-5	NE	2.74 U	0.000499 U	2.74 UJ	0.000499 UJ	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U
Bromodichloromethane	75-27-4	NE	1.34 U	0.0002 U	1.34 UJ	0.0002 UJ	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 U
Bromoform	75-25-2	NE	2.07 U	0.0002 U	2.07 UJ	0.0002 UJ	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 U
Bromomethane	74-83-9	0.9	0.777 U	0.0002 U	0.777 UJ	0.0002 UJ	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 U
1,3-Butadiene	106-99-0	NE	0.442 U	0.0002 U	0.442 UJ	0.0002 UJ	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 U
Butane	106-97-8	NE	**2.97**	**0.00125**	0.773 UJ	0.000325 UJ	**0.875 B**	**0.000368 B**	**2.07**	**0.000871**	**1.80**
t-Butyl alcohol (Tertiary Butyl Alcohol)	75-65-0	NE	1.52 U	0.000501 U	**0.655 J**	**0.000216 J**	**0.252 J**	**0.0000831 J**	**0.746 J**	**0.000246 J**	**0.336 J**
Carbon disulfide	75-15-0	NE	0.623 U	0.0002 U	**0.557 J**	**0.000179 J**	**0.128 JB**	**0.0000411 JB**	**0.206 J**	**0.0000662 J**	**0.237 J**
Carbon tetrachloride	56-23-5	1	1.26 U	0.0002 U	1.26 UJ	0.0002 UJ	1.26 U	0.0002 U	1.26 U	0.0002 U	1.26 U
Chlorobenzene	108-90-7	0.25	0.921 U	0.0002 U	0.921 UJ	0.0002 UJ	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 U
Chloroethane	75-00-3	0.4	0.528 U	0.0002 U	0.528 UJ	0.0002 UJ	0.528 U	0.0002 U	0.528 U	0.0002 U	0.528 U
Chloroform (Trichloromethane)	67-66-3	0.5	0.977 U	0.0002 U	**0.405 J**	**0.0000829 J**	**0.508 J**	**0.000104 J**	**0.283 J**	**0.000058 J**	0.977 U
Chloromethane	74-87-3	4.6	**0.933**	**0.000452**	**0.776 J**	**0.000376 J**	**0.927**	**0.000449**	**0.921**	**0.000446**	**0.993**
2-Chlorotoluene (o-Chlorotoluene)	95-49-8	NE	1.04 U	0.000201 U	1.04 UJ	0.000201 UJ	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 U
Cryofluorane (Freon 114)	76-14-2	1.3	1.40 U	0.0002 U	1.40 UJ	0.0002 UJ	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 U
Cyclohexane	110-82-7	3	0.688 U	0.0002 U	**0.282 J**	**0.0000819 J**	0.688 U	0.0002 U	**0.286 J**	**0.0000831 J**	0.688 U
n-Decane (C10)	124-18-5	3.6	1.16 U	0.000199 U	1.16 UJ	0.000199 UJ	1.16 U	0.000199 U	1.16 U	0.000199 U	1.16 U
Dibromochloromethane	124-48-1	NE	1.70 U	0.0002 U	1.70 UJ	0.0002 UJ	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 U
1,2-Dibromoethane (EDB)	106-93-4	0.25	1.54 U	0.0002 U	1.54 UJ	0.0002 UJ	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 U
1,2-Dichlorobenzene	95-50-1	0.9	1.20 U	0.0002 U	1.20 UJ	0.0002 UJ	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U
1,3-Dichlorobenzene	541-73-1	0.7	1.20 U	0.0002 U	1.20 UJ	0.0002 UJ	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U
1,4-Dichlorobenzene	106-46-7	0.8	1.20 U	0.0002 U	1.20 UJ	0.0002 UJ	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U
Dichlorodifluoromethane (Freon 12)	75-71-8	11	**1.36**	**0.000275**	**2.28 J**	**0.000461 J**	**2.43**	**0.000491**	**2.79**	**0.000564**	**2.08**
1,1-Dichloroethane	75-34-3	0.25	0.809 U	0.0002 U	0.809 UJ	0.0002 UJ	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U
1,2-Dichloroethane	107-06-2	0.25	0.809 U	0.0002 U	0.809 UJ	0.0002 UJ	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U
1,1-Dichloroethene	75-35-4	0.25	0.793 U	0.0002 U	0.793 UJ	0.0002 UJ	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U
cis-1,2-Dichloroethene	156-59-2	0.25	0.793 U	0.0002 U	0.793 UJ	0.0002 UJ	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U
trans-1,2-Dichloroethene	156-60-5	NE	0.793 U	0.0002 U	0.793 UJ	0.0002 UJ	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U
1,2-Dichloropropane	78-87-5	0.25	0.924 U	0.0002 U	0.924 UJ	0.0002 UJ	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 U
cis-1,3-Dichloropropene	10061-01-5	0.25	0.908 U	0.0002 U	0.908 UJ	0.0002 UJ	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U
trans-1,3-Dichloropropene	10061-02-6	0.25	0.908 U	0.0002 U	0.908 UJ	0.0002 UJ	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U
1,4-Dioxane	123-91-1	NE	0.721 U	0.0002 U	0.721 UJ	0.0002 UJ	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U
n-Dodecane (C12)	112-40-3	7.6	**0.745 J**	**0.000107 J**	**0.989 J**	**0.000142 J**	**1.45**	**0.000208**	**0.439 J**	**0.000063 J**	**0.334 J**
Ethanol	64-17-5	220	**7.01**	**0.00372**	**9.70 J**	**0.00515 J**	**3.17 J**	**0.00168 J**	**8.80**	**0.00467**	**2.41 J**

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ MGAC	OZ MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC
		Sample Date	12/22/2016	12/22/2016	7/26/2016	7/26/2016	8/16/2016	8/16/2016	9/26/2016	9/26/2016	10/24/2016	
		Units	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	
		Validation Level	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2	Level 4	Level 4	Level 2	
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]										
2-Ethylthiophene	872-55-9	NE	0.918 U	0.0002 U	0.918 UJ	0.0002 UJ	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 U	
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	NE	0.983 U	0.0002 U	0.983 UJ	0.0002 UJ	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	
n-Heptane (C7)	142-82-5	5.1	0.820 U	0.0002 U	0.820 UJ	0.0002 UJ	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	
Hexachlorobutadiene (C-46)	87-68-3	7	2.13 U	0.0002 U	2.13 UJ	0.0002 UJ	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 U	
n-Hexane (C6)	110-54-3	3.6	0.705 U	0.0002 U	**1.59 J**	**0.000451 J**	0.705 U	0.0002 U	**1.30**	**0.000369**	**0.522 J**	
2-Hexanone	591-78-6	NE	0.820 U	0.0002 U	0.820 UJ	0.0002 UJ	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	
Indane	496-11-7	NE	0.967 U	0.0002 U	0.967 UJ	0.0002 UJ	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 U	
Indene	95-13-6	NE	0.951 U	0.0002 U	0.951 UJ	0.0002 UJ	0.951 U	0.0002 U	0.951 U	0.0002 U	0.951 U	
Methyl ethyl ketone (2-Butanone)	78-93-3	17	**0.227 J**	**0.000077 J**	**0.959 J**	**0.000325 J**	**0.354 J**	**0.00012 J**	**1.07 J**	**0.000363 J**	**0.563 J**	
Methyl tert-butyl ether (MTBE)	1634-04-4	5.9	0.721 U	0.0002 U	0.721 UJ	0.0002 UJ	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	2.9	2.05 U	0.0005 U	2.05 UJ	0.0005 UJ	2.05 U	0.0005 U	2.05 U	0.0005 U	2.05 U	
Methylene chloride	75-09-2	2.9	**1.42 J**	**0.000409 J**	1.74 UJ	0.000501 UJ	**1.10 J**	**0.000317 J**	1.74 U	0.000501 U	1.74 U	
1-Methylnaphthalene	90-12-0	NE	5.82 U	0.001 U	5.82 UJ	0.001 UJ	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	
2-Methylnaphthalene	91-57-6	NE	5.82 U	0.001 U	5.82 UJ	0.001 UJ	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	
2-Methylthiophene	554-14-3	NE	0.803 U	0.0002 U	0.803 UJ	0.0002 UJ	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	
3-Methylthiophene	616-44-4	NE	0.803 U	0.0002 U	0.803 UJ	0.0002 UJ	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	
Naphthalene	91-20-3	10	1.05 U	0.0002 U	1.05 UJ	0.0002 UJ	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	
n-Nonane (C9)	111-84-2	1.2	1.05 U	0.0002 U	1.05 UJ	0.0002 UJ	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	
n-Octane (C8)	111-65-9	2.1	0.934 U	0.0002 U	0.934 UJ	0.0002 UJ	0.934 U	0.0002 U	**0.523 J**	**0.000112 J**	0.934 U	
Pentane	109-66-0	NE	**0.602**	**0.000204**	0.590 UJ	0.0002 UJ	**0.732**	**0.000248**	**0.935**	**0.000317**	**0.691**	
2-Propanol (Isopropyl Alcohol)	67-63-0	NE	**0.143 J**	**0.0000582 J**	**0.428 J**	**0.000174 J**	1.23 U	0.0005 U	**0.634 J**	**0.000258 J**	**0.361 J**	
Styrene	100-42-5	0.6	0.852 U	0.0002 U	0.852 UJ	0.0002 UJ	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 U	
1,1,2,2-Tetrachloroethane	79-34-5	0.25	1.37 U	0.0002 U	1.37 UJ	0.0002 UJ	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 U	
Tetrachloroethene (PCE)	127-18-4	1.6	1.36 U	0.0002 U	1.36 UJ	0.0002 UJ	1.36 U	0.0002 U	1.36 U	0.0002 U	1.36 U	
1,2,4,5-Tetramethylbenzene	95-93-2	NE	2.74 U	0.000499 U	1.10 UJ	0.0002 UJ	1.10 U	0.0002 U	2.74 U	0.000499 U	1.10 U	
Thiophene	110-02-1	NE	0.688 U	0.0002 U	0.688 UJ	0.0002 UJ	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	76-13-1	3.6	1.53 U	0.0002 U	**0.674 J**	**0.0000879 J**	**0.713 J**	**0.000093 J**	**0.414 J**	**0.000054 J**	1.53 U	
1,2,4-Trichlorobenzene	120-82-1	4.8	1.48 U	0.000199 U	1.48 UJ	0.000199 UJ	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 U	
1,1,1-Trichloroethane (TCA)	71-55-6	0.7	1.09 U	0.0002 U	1.09 UJ	0.0002 UJ	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	
1,1,2-Trichloroethane	79-00-5	0.25	1.09 U	0.0002 U	1.09 UJ	0.0002 UJ	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	
Trichloroethene (TCE)	79-01-6	0.5	1.07 U	0.000199 U	1.07 UJ	0.000199 UJ	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 U	
Trichlorofluoromethane (Freon 11)	75-69-4	6.1	**1.01 J**	**0.00018 J**	**1.61 J**	**0.000287 J**	**1.75**	**0.000311**	**1.23**	**0.000219**	**1.05 J**	
1,2,3-Trimethylbenzene	526-73-8	0.6	0.983 U	0.0002 U	0.983 UJ	0.0002 UJ	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	
1,2,4-Trimethylbenzene	95-63-6	2.5	0.983 U	0.0002 U	0.983 UJ	0.0002 UJ	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	
1,3,5-Trimethylbenzene	108-67-8	1	0.983 U	0.0002 U	0.983 UJ	0.0002 UJ	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	
2,2,4-Trimethylpentane (iso-Octane)	540-84-1	2	0.934 U	0.0002 U	0.934 UJ	0.0002 UJ	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	
n-Undecane (C11)	1120-21-4	2.3	1.28 U	0.0002 U	1.28 UJ	0.0002 UJ	1.28 U	0.0002 U	1.28 U	0.0002 U	1.28 U	
Vinyl bromide (Bromoethene)	593-60-2	NE	0.874 U	0.0002 U	0.874 UJ	0.0002 UJ	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 U	
Vinyl chloride	75-01-4	0.25	0.511 U	0.0002 U	0.511 UJ	0.0002 UJ	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 U	
Total VOCs (ND=0)	TVOC_ND0	NE	NA	**0.0100022**	NA	**0.0230537**	NA	**0.0205832**	NA	**0.0217293**	NA	

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC
		Sample Date	10/24/2016	11/29/2016	11/29/2016	1/26/2017	1/26/2017	2/15/2017	2/15/2017	3/30/2017	3/30/2017
		Units	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv
		Validation Level	Level 2	Level 4	Level 4	Level 4	Level 4	Level 2	Level 2	Level 4	Level 4
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]									
BTEX											
Benzene	71-43-2	5.8	0.0002 U	0.639 U	0.0002 U	0.639 U	0.0002 U	0.639 U	0.0002 U	0.639 UJ	0.0002 UJ
Toluene	108-88-3	21	0.0002 U	0.754 U	0.0002 U	0.754 U	0.0002 U	0.754 U	0.0002 U	0.754 UJ	0.0002 UJ
Ethylbenzene	100-41-4	1.9	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 UJ	0.0002 UJ
o-Xylene	95-47-6	2.5	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 UJ	0.0002 UJ
m/p-Xylene	179601-23-1	3.1	0.000401 U	1.74 U	0.000401 U	1.74 U	0.000401 U	1.74 U	0.000401 U	1.74 UJ	0.000401 UJ
Total BTEX (ND=0)	TBTEX_ND0	NE	ND	NA	ND	NA	ND	NA	ND	NA	ND
Other VOCs											
Acetaldehyde	75-07-0	NE	**0.00458**	4.50 U	0.0025 U	**4.88**	**0.00271**	4.50 U	0.0025 U	**2.16 J**	**0.0012 J**
Acetone	67-64-1	58	**0.00425**	**6.10**	**0.00257**	5.34 U	0.00225 U	**3.37**	**0.00142**	2.38 UJ	0.001 UJ
Acrolein (propenal)	107-02-8	NE	0.000502 U	1.15 U	0.000502 U	1.15 U	0.000502 U	1.15 U	0.000502 U	1.15 UJ	0.000502 UJ
Allyl chloride (3-Chloropropene)	107-05-1	NE	0.0002 U	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 UJ	0.0002 UJ
Benzothiophene (1-Benzothiophene)	11095-43-5	NE	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 UJ	0.000499 UJ
Bromodichloromethane	75-27-4	NE	0.0002 U	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 UJ	0.0002 UJ
Bromoform	75-25-2	NE	0.0002 U	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 UJ	0.0002 UJ
Bromomethane	74-83-9	0.9	0.0002 U	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 UJ	0.0002 UJ
1,3-Butadiene	106-99-0	NE	0.0002 U	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 UJ	0.0002 UJ
Butane	106-97-8	NE	**0.000757**	**4.28**	**0.0018**	**4.14**	**0.00174**	**2.32**	**0.000976**	**0.601 J**	**0.000253 J**
t-Butyl alcohol (Tertiary Butyl Alcohol)	75-65-0	NE	**0.000111 J**	1.52 U	0.000501 U	**0.285 J**	**0.000094 J**	1.52 U	0.000501 U	1.52 UJ	0.000501 UJ
Carbon disulfide	75-15-0	NE	**0.0000761 J**	0.623 U	0.0002 U	0.623 U	0.0002 U	0.623 U	0.0002 U	0.623 UJ	0.0002 UJ
Carbon tetrachloride	56-23-5	1	0.0002 U	1.26 U	0.0002 U	1.26 U	0.0002 U	1.26 U	0.0002 U	1.26 UJ	0.0002 UJ
Chlorobenzene	108-90-7	0.25	0.0002 U	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 UJ	0.0002 UJ
Chloroethane	75-00-3	0.4	0.0002 U	0.528 U	0.0002 U	0.528 U	0.0002 U	0.528 U	0.0002 U	0.528 UJ	0.0002 UJ
Chloroform (Trichloromethane)	67-66-3	0.5	0.0002 U	0.977 U	0.0002 U	0.977 U	0.0002 U	0.977 U	0.0002 U	0.977 UJ	0.0002 UJ
Chloromethane	74-87-3	4.6	**0.000481**	**1.01**	**0.000489**	**0.989**	**0.000479**	**1.10**	**0.000533**	**0.853 J**	**0.000413 J**
2-Chlorotoluene (o-Chlorotoluene)	95-49-8	NE	0.000201 U	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 UJ	0.000201 UJ
Cryofluorane (Freon 114)	76-14-2	1.3	0.0002 U	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 UJ	0.0002 UJ
Cyclohexane	110-82-7	3	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 UJ	0.0002 UJ
n-Decane (C10)	124-18-5	3.6	0.000199 U	1.16 U	0.000199 U	1.16 U	0.000199 U	1.16 U	0.000199 U	1.16 UJ	0.000199 UJ
Dibromochloromethane	124-48-1	NE	0.0002 U	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 UJ	0.0002 UJ
1,2-Dibromoethane (EDB)	106-93-4	0.25	0.0002 U	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 UJ	0.0002 UJ
1,2-Dichlorobenzene	95-50-1	0.9	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 UJ	0.0002 UJ
1,3-Dichlorobenzene	541-73-1	0.7	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 UJ	0.0002 UJ
1,4-Dichlorobenzene	106-46-7	0.8	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 UJ	0.0002 UJ
Dichlorodifluoromethane (Freon 12)	75-71-8	11	**0.000421**	**1.92**	**0.000388**	**1.55**	**0.000313**	**1.37**	**0.000277**	**2.17 J**	**0.000439 J**
1,1-Dichloroethane	75-34-3	0.25	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 UJ	0.0002 UJ
1,2-Dichloroethane	107-06-2	0.25	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 UJ	0.0002 UJ
1,1-Dichloroethene	75-35-4	0.25	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 UJ	0.0002 UJ
cis-1,2-Dichloroethene	156-59-2	0.25	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 UJ	0.0002 UJ
trans-1,2-Dichloroethene	156-60-5	NE	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 UJ	0.0002 UJ
1,2-Dichloropropane	78-87-5	0.25	0.0002 U	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 UJ	0.0002 UJ
cis-1,3-Dichloropropene	10061-01-5	0.25	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 UJ	0.0002 UJ
trans-1,3-Dichloropropene	10061-02-6	0.25	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 UJ	0.0002 UJ
1,4-Dioxane	123-91-1	NE	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 UJ	0.0002 UJ
n-Dodecane (C12)	112-40-3	7.6	**0.0000479 J**	**1.37 J**	**0.000197 J**	**0.348 J**	**0.00005 J**	1.39 U	0.0002 U	3.48 UJ	0.0005 UJ
Ethanol	64-17-5	220	**0.00128 J**	**4.82**	**0.00256**	**2.43 J**	**0.00129 J**	**5.94**	**0.00315**	**2.68 J**	**0.00142 J**

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC
		Sample Date	10/24/2016	11/29/2016	11/29/2016	1/26/2017	1/26/2017	2/15/2017	2/15/2017	3/30/2017	3/30/2017	3/30/2017
		Units	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	
		Validation Level	Level 2	Level 4	Level 4	Level 4	Level 4	Level 2	Level 2	Level 4	Level 4	
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]										
2-Ethylthiophene	872-55-9	NE	0.0002 U	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 UJ	0.0002 UJ	
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	NE	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 UJ	0.0002 UJ	
n-Heptane (C7)	142-82-5	5.1	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 UJ	0.0002 UJ	
Hexachlorobutadiene (C-46)	87-68-3	7	0.0002 U	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 UJ	0.0002 UJ	
n-Hexane (C6)	110-54-3	3.6	**0.000148 J**	0.705 U	0.0002 U	0.705 U	0.0002 U	0.705 U	0.0002 U	0.705 UJ	0.0002 UJ	
2-Hexanone	591-78-6	NE	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 UJ	0.0002 UJ	
Indane	496-11-7	NE	0.0002 U	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 UJ	0.0002 UJ	
Indene	95-13-6	NE	0.0002 U	0.951 U	0.0002 U	0.951 UJ	0.0002 UJ	0.951 U	0.0002 U	0.951 UJ	0.0002 UJ	
Methyl ethyl ketone (2-Butanone)	78-93-3	17	**0.000191 J**	**0.224 J**	**0.000076 J**	1.47 U	0.000498 U	**0.189 J**	**0.0000641 J**	**0.189 J**	**0.0000641 J**	
Methyl tert-butyl ether (MTBE)	1634-04-4	5.9	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 UJ	0.0002 UJ	
4-Methyl-2-pentanone (MIBK)	108-10-1	2.9	0.0005 U	2.05 U	0.0005 U	2.05 U	0.0005 U	2.05 U	0.0005 U	2.05 UJ	0.0005 UJ	
Methylene chloride	75-09-2	2.9	0.000501 U	1.74 U	0.000501 U	1.74 U	0.000501 U	1.74 U	0.000501 U	1.74 UJ	0.000501 UJ	
1-Methylnaphthalene	90-12-0	NE	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U	5.82 UJ	0.001 UJ	
2-Methylnaphthalene	91-57-6	NE	0.001 U	5.82 U	0.001 U	5.82 UJ	0.001 UJ	5.82 U	0.001 U	5.82 UJ	0.001 UJ	
2-Methylthiophene	554-14-3	NE	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 UJ	0.0002 UJ	
3-Methylthiophene	616-44-4	NE	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 UJ	0.0002 UJ	
Naphthalene	91-20-3	10	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 UJ	0.0002 UJ	
n-Nonane (C9)	111-84-2	1.2	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 UJ	0.0002 UJ	
n-Octane (C8)	111-65-9	2.1	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 UJ	0.0002 UJ	
Pentane	109-66-0	NE	**0.000234**	**1.01**	**0.000342**	**0.440 J**	**0.000149 J**	**0.283 J**	**0.0000959 J**	0.590 UJ	0.0002 UJ	
2-Propanol (Isopropyl Alcohol)	67-63-0	NE	**0.000147 J**	**0.457 J**	**0.000186 J**	1.23 U	0.0005 U	1.23 U	0.0005 U	1.23 UJ	0.0005 UJ	
Styrene	100-42-5	0.6	0.0002 U	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 UJ	0.0002 UJ	
1,1,2,2-Tetrachloroethane	79-34-5	0.25	0.0002 U	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 UJ	0.0002 UJ	
Tetrachloroethene (PCE)	127-18-4	1.6	0.0002 U	1.36 U	0.0002 U	1.36 U	0.0002 U	1.36 U	0.0002 U	1.36 UJ	0.0002 UJ	
1,2,4,5-Tetramethylbenzene	95-93-2	NE	0.0002 U	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 UJ	0.000499 UJ	
Thiophene	110-02-1	NE	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 UJ	0.0002 UJ	
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	76-13-1	3.6	0.0002 U	1.53 U	0.0002 U	1.53 U	0.0002 U	1.53 U	0.0002 U	1.53 UJ	0.0002 UJ	
1,2,4-Trichlorobenzene	120-82-1	4.8	0.000199 U	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 UJ	0.000199 UJ	
1,1,1-Trichloroethane (TCA)	71-55-6	0.7	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 UJ	0.0002 UJ	
1,1,2-Trichloroethane	79-00-5	0.25	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 UJ	0.0002 UJ	
Trichloroethene (TCE)	79-01-6	0.5	0.000199 U	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 UJ	0.000199 UJ	
Trichlorofluoromethane (Freon 11)	75-69-4	6.1	**0.000187 J**	**1.43**	**0.000255**	**1.46**	**0.00026**	**1.05 J**	**0.000187 J**	1.12 UJ	0.000199 UJ	
1,2,3-Trimethylbenzene	526-73-8	0.6	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 UJ	0.0002 UJ	
1,2,4-Trimethylbenzene	95-63-6	2.5	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 UJ	0.0002 UJ	
1,3,5-Trimethylbenzene	108-67-8	1	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 UJ	0.0002 UJ	
2,2,4-Trimethylpentane (iso-Octane)	540-84-1	2	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 UJ	0.0002 UJ	
n-Undecane (C11)	1120-21-4	2.3	0.0002 U	1.28 U	0.0002 U	1.28 U	0.0002 U	1.28 U	0.0002 U	1.28 UJ	0.0002 UJ	
Vinyl bromide (Bromoethene)	593-60-2	NE	0.0002 U	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 UJ	0.0002 UJ	
Vinyl chloride	75-01-4	0.25	0.0002 U	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 UJ	0.0002 UJ	
Total VOCs (ND=0)	TVOC_ND0	NE	**0.012911**	NA	**0.008863**	NA	**0.007085**	NA	**0.006703**	NA	**0.003789**	

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ STACK	OZ STACK	OZ-STACK
		Sample Date	4/19/2017	4/19/2017	5/30/2017	5/30/2017	6/22/2017	6/22/2017	12/22/2016	12/22/2016	7/26/2016
		Units	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3
		Validation Level	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2	Level 2	Level 2	Level 4
Analyte	**CAS no.**	**NYSDOH Background Outdoor Air 95th Percentile[1]**									
BTEX											
Benzene	71-43-2	5.8	0.639 U	0.0002 U	0.639 U	0.0002 U	0.639 U	0.0002 U	0.639 U	0.0002 U	0.639 UJ
Toluene	108-88-3	21	0.754 U	0.0002 U	0.754 U	0.0002 U	0.754 U	0.0002 U	**0.626 J**	**0.000166 J**	**1.40 J**
Ethylbenzene	100-41-4	1.9	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	**0.274 J**
o-Xylene	95-47-6	2.5	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	**0.460 J**
m/p-Xylene	179601-23-1	3.1	1.74 U	0.000401 U	1.74 U	0.000401 U	1.74 U	0.000401 U	1.74 U	0.000401 U	**0.995 J**
Total BTEX (ND=0)	TBTEX_ND0	NE	NA	ND	NA	ND	NA	ND	NA	**0.000166**	NA
Other VOCs											
Acetaldehyde	75-07-0	NE	**2.72 J**	**0.00151 J**	**2.76 J**	**0.00153 J**	**7.31**	**0.00406**	4.50 U	0.0025 U	**10.9 J**
Acetone	67-64-1	58	**1.91 JB**	**0.000804 JB**	2.95 U	0.00124 U	**20.7**	**0.00871**	**3.97**	**0.00167**	**7.03 J**
Acrolein (propenal)	107-02-8	NE	1.15 U	0.000502 U	1.15 U	0.000502 U	1.15 U	0.000502 U	1.15 U	0.000502 U	1.15 UJ
Allyl chloride (3-Chloropropene)	107-05-1	NE	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 UJ
Benzothiophene (1-Benzothiophene)	11095-43-5	NE	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 UJ
Bromodichloromethane	75-27-4	NE	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 UJ
Bromoform	75-25-2	NE	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 UJ
Bromomethane	74-83-9	0.9	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 UJ
1,3-Butadiene	106-99-0	NE	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 UJ
Butane	106-97-8	NE	**0.891**	**0.000375**	**0.792**	**0.000333**	**1.38**	**0.000581**	**2.76**	**0.00116**	**3.78 J**
t-Butyl alcohol (Tertiary Butyl Alcohol)	75-65-0	NE	1.52 U	0.000501 U	1.52 U	0.000501 U	**1.02 J**	**0.000336 J**	**0.258 J**	**0.0000851 J**	**4.18 J**
Carbon disulfide	75-15-0	NE	0.623 U	0.0002 U	0.623 U	0.0002 U	**0.371 J**	**0.000119 J**	**0.676**	**0.000217**	**6.98 J**
Carbon tetrachloride	56-23-5	1	1.26 U	0.0002 U	1.26 U	0.0002 U	1.26 U	0.0002 U	1.26 U	0.0002 U	1.26 UJ
Chlorobenzene	108-90-7	0.25	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 UJ
Chloroethane	75-00-3	0.4	0.528 U	0.0002 U	0.528 U	0.0002 U	0.528 U	0.0002 U	0.528 U	0.0002 U	0.528 UJ
Chloroform (Trichloromethane)	67-66-3	0.5	0.977 U	0.0002 U	0.977 U	0.0002 U	0.977 U	0.0002 U	0.977 U	0.0002 U	0.977 UJ
Chloromethane	74-87-3	4.6	**0.867**	**0.00042**	**0.801**	**0.000388**	**0.801**	**0.000388**	**1.13**	**0.000547**	**7.79 J**
2-Chlorotoluene (o-Chlorotoluene)	95-49-8	NE	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 UJ
Cryofluorane (Freon 114)	76-14-2	1.3	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 UJ
Cyclohexane	110-82-7	3	0.688 U	0.0002 U	0.688 U	0.0002 U	**0.327 J**	**0.000095 J**	0.688 U	0.0002 U	0.688 UJ
n-Decane (C10)	124-18-5	3.6	**0.454 J**	**0.000078 J**	1.16 U	0.000199 U	**1.05 J**	**0.00018 J**	1.16 U	0.000199 U	**5.03 J**
Dibromochloromethane	124-48-1	NE	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 UJ
1,2-Dibromoethane (EDB)	106-93-4	0.25	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 UJ
1,2-Dichlorobenzene	95-50-1	0.9	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	**0.409 J**	**0.000068 J**	1.20 UJ
1,3-Dichlorobenzene	541-73-1	0.7	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 UJ
1,4-Dichlorobenzene	106-46-7	0.8	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 UJ
Dichlorodifluoromethane (Freon 12)	75-71-8	11	**2.24**	**0.000453**	**1.49**	**0.000301**	**2.22**	**0.000449**	**1.47**	**0.000297**	**2.25 J**
1,1-Dichloroethane	75-34-3	0.25	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 UJ
1,2-Dichloroethane	107-06-2	0.25	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 UJ
1,1-Dichloroethene	75-35-4	0.25	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 UJ
cis-1,2-Dichloroethene	156-59-2	0.25	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 UJ
trans-1,2-Dichloroethene	156-60-5	NE	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 UJ
1,2-Dichloropropane	78-87-5	0.25	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 UJ
cis-1,3-Dichloropropene	10061-01-5	0.25	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 UJ
trans-1,3-Dichloropropene	10061-02-6	0.25	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 UJ
1,4-Dioxane	123-91-1	NE	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 UJ
n-Dodecane (C12)	112-40-3	7.6	3.48 U	0.0005 U	1.39 UJ	0.0002 UJ	**4.37**	**0.000627**	**0.780 J**	**0.000112 J**	**3.12 J**
Ethanol	64-17-5	220	**2.19 J**	**0.00116 J**	**2.69 J**	**0.00143 J**	**5.20**	**0.00276**	**8.61**	**0.00457**	**8.33 J**

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ-MGAC	OZ STACK	OZ STACK	OZ-STACK
		Sample Date	4/19/2017	4/19/2017	5/30/2017	5/30/2017	6/22/2017	6/22/2017	12/22/2016	12/22/2016	7/26/2016
		Units	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3
		Validation Level	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2	Level 2	Level 2	Level 4
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]									
2-Ethylthiophene	872-55-9	NE	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 UJ
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	NE	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 UJ
n-Heptane (C7)	142-82-5	5.1	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	**0.316 J**
Hexachlorobutadiene (C-46)	87-68-3	7	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 UJ
n-Hexane (C6)	110-54-3	3.6	0.705 U	0.0002 U	0.705 U	0.0002 U	**2.31**	**0.000655**	0.705 U	0.0002 U	0.705 UJ
2-Hexanone	591-78-6	NE	0.820 U	0.0002 U	0.820 U	0.0002 U	**0.295 J**	**0.000072 J**	0.820 U	0.0002 U	0.820 UJ
Indane	496-11-7	NE	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 UJ
Indene	95-13-6	NE	0.951 U	0.0002 U	0.951 U	0.0002 U	0.951 U	0.0002 U	0.951 U	0.0002 U	0.951 UJ
Methyl ethyl ketone (2-Butanone)	78-93-3	17	**0.192 J**	**0.0000651 J**	1.47 U	0.000498 U	**1.39 J**	**0.000471 J**	**0.354 J**	**0.00012 J**	**1.02 J**
Methyl tert-butyl ether (MTBE)	1634-04-4	5.9	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 UJ
4-Methyl-2-pentanone (MIBK)	108-10-1	2.9	2.05 U	0.0005 U	2.05 U	0.0005 U	2.05 U	0.0005 U	2.05 U	0.0005 U	2.05 UJ
Methylene chloride	75-09-2	2.9	1.74 U	0.000501 U	1.74 U	0.000501 U	1.74 U	0.000501 U	**1.29 J**	**0.000371 J**	**1.16 J**
1-Methylnaphthalene	90-12-0	NE	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U	5.82 UJ
2-Methylnaphthalene	91-57-6	NE	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U	5.82 UJ
2-Methylthiophene	554-14-3	NE	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 UJ
3-Methylthiophene	616-44-4	NE	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 UJ
Naphthalene	91-20-3	10	1.05 U	0.0002 U	1.05 U	0.0002 U	**0.257 J**	**0.000049 J**	1.05 U	0.0002 U	**0.655 J**
n-Nonane (C9)	111-84-2	1.2	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U	**0.493 J**
n-Octane (C8)	111-65-9	2.1	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	**0.374 J**
Pentane	109-66-0	NE	0.590 U	0.0002 U	0.590 U	0.0002 U	0.590 U	0.0002 U	**0.360 J**	**0.000122 J**	0.590 UJ
2-Propanol (Isopropyl Alcohol)	67-63-0	NE	1.23 U	0.0005 U	1.23 U	0.0005 U	**16.8**	**0.00684**	**0.538 J**	**0.000219 J**	1.23 UJ
Styrene	100-42-5	0.6	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 UJ
1,1,2,2-Tetrachloroethane	79-34-5	0.25	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 UJ
Tetrachloroethene (PCE)	127-18-4	1.6	1.36 U	0.0002 U	1.36 U	0.0002 U	1.36 U	0.0002 U	1.36 U	0.0002 U	1.36 UJ
1,2,4,5-Tetramethylbenzene	95-93-2	NE	2.74 U	0.000499 U	1.10 U	0.0002 U	2.74 U	0.000499 U	2.74 U	0.000499 U	1.10 UJ
Thiophene	110-02-1	NE	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	76-13-1	3.6	1.53 U	0.0002 U	1.53 U	0.0002 U	1.53 U	0.0002 U	1.53 U	0.0002 U	1.53 UJ
1,2,4-Trichlorobenzene	120-82-1	4.8	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 UJ
1,1,1-Trichloroethane (TCA)	71-55-6	0.7	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 UJ
1,1,2-Trichloroethane	79-00-5	0.25	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 UJ
Trichloroethene (TCE)	79-01-6	0.5	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 UJ
Trichlorofluoromethane (Freon 11)	75-69-4	6.1	**0.584 J**	**0.000104 J**	**0.955 J**	**0.00017 J**	**1.71**	**0.000304**	**0.837 J**	**0.000149 J**	**2.78 J**
1,2,3-Trimethylbenzene	526-73-8	0.6	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 UJ
1,2,4-Trimethylbenzene	95-63-6	2.5	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	**0.801 J**
1,3,5-Trimethylbenzene	108-67-8	1	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 UJ
2,2,4-Trimethylpentane (iso-Octane)	540-84-1	2	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 UJ
n-Undecane (C11)	1120-21-4	2.3	1.28 U	0.0002 U	1.28 U	0.0002 U	1.28 U	0.0002 U	1.28 U	0.0002 U	**0.850 J**
Vinyl bromide (Bromoethene)	593-60-2	NE	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 UJ
Vinyl chloride	75-01-4	0.25	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 UJ
Total VOCs (ND=0)	TVOC_ND0	NE	NA	**0.004969**	NA	**0.004152**	NA	**0.0267**	NA	**0.0098731**	NA

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK
		Sample Date	7/26/2016	8/16/2016	8/16/2016	9/26/2016	9/26/2016	10/24/2016	10/24/2016	11/29/2016
		Units	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3
		Validation Level	Level 4	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2	Level 4
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]								
BTEX										
Benzene	71-43-2	5.8	0.0002 UJ	0.639 U	0.0002 U	0.639 U	0.0002 U	0.639 U	0.0002 U	**0.217 J**
Toluene	108-88-3	21	**0.000372 J**	**0.301 J**	**0.0000799 J**	**0.558 J**	**0.000148 J**	**0.305 J**	**0.0000809 J**	**0.494 J**
Ethylbenzene	100-41-4	1.9	**0.0000631 J**	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U
o-Xylene	95-47-6	2.5	**0.000106 J**	0.869 U	0.0002 U	**0.308 J**	**0.0000709 J**	0.869 U	0.0002 U	0.869 U
m/p-Xylene	179601-23-1	3.1	**0.000229 J**	1.74 U	0.000401 U	**0.695 J**	**0.00016 J**	1.74 U	0.000401 U	1.74 U
Total BTEX (ND=0)	TBTEX_ND0	NE	**0.0007701**	NA	**0.0000799**	NA	**0.0003789**	NA	**0.0000809**	NA
Other VOCs										
Acetaldehyde	75-07-0	NE	**0.00605 J**	**7.71**	**0.00428**	4.50 U	0.0025 U	4.50 U	0.0025 U	4.50 U
Acetone	67-64-1	58	**0.00296 J**	**5.51**	**0.00232**	**3.28**	**0.00138**	**4.49**	**0.00189**	**3.02**
Acrolein (propenal)	107-02-8	NE	0.000502 UJ	**0.605 J**	**0.000264 J**	1.15 U	0.000502 U	1.15 U	0.000502 U	1.15 U
Allyl chloride (3-Chloropropene)	107-05-1	NE	0.0002 UJ	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 U
Benzothiophene (1-Benzothiophene)	11095-43-5	NE	0.000499 UJ	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U
Bromodichloromethane	75-27-4	NE	0.0002 UJ	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 U
Bromoform	75-25-2	NE	0.0002 UJ	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 U
Bromomethane	74-83-9	0.9	0.0002 UJ	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 U
1,3-Butadiene	106-99-0	NE	0.0002 UJ	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 U
Butane	106-97-8	NE	**0.00159 J**	**3.97**	**0.00167**	**1.30**	**0.000547**	**2.42**	**0.00102**	**2.23**
t-Butyl alcohol (Tertiary Butyl Alcohol)	75-65-0	NE	**0.00138 J**	**1.25 J**	**0.000412 J**	**0.479 J**	**0.000158 J**	**0.221 J**	**0.0000729 J**	1.52 U
Carbon disulfide	75-15-0	NE	**0.00224 J**	**5.57**	**0.00179**	**1.41**	**0.000453**	**1.50**	**0.000482**	**0.327 J**
Carbon tetrachloride	56-23-5	1	0.0002 UJ	1.26 U	0.0002 U	1.26 U	0.0002 U	1.26 U	0.0002 U	1.26 U
Chlorobenzene	108-90-7	0.25	0.0002 UJ	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 U
Chloroethane	75-00-3	0.4	0.0002 UJ	**0.662**	**0.000251**	**0.356 J**	**0.000135 J**	0.528 U	0.0002 U	0.528 U
Chloroform (Trichloromethane)	67-66-3	0.5	0.0002 UJ	0.977 U	0.0002 U	0.977 U	0.0002 U	0.977 U	0.0002 U	0.977 U
Chloromethane	74-87-3	4.6	**0.00377 J**	**8.63**	**0.00418**	**3.76**	**0.00182**	**2.02**	**0.000978**	**1.20**
2-Chlorotoluene (o-Chlorotoluene)	95-49-8	NE	0.000201 UJ	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 U
Cryofluorane (Freon 114)	76-14-2	1.3	0.0002 UJ	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 U
Cyclohexane	110-82-7	3	0.0002 UJ	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U
n-Decane (C10)	124-18-5	3.6	**0.000864 J**	**0.797 J**	**0.000137 J**	**1.35**	**0.000232**	1.16 U	0.000199 U	1.16 U
Dibromochloromethane	124-48-1	NE	0.0002 UJ	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 U
1,2-Dibromoethane (EDB)	106-93-4	0.25	0.0002 UJ	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 U
1,2-Dichlorobenzene	95-50-1	0.9	0.0002 UJ	1.20 U	0.0002 U	**0.709 J**	**0.000118 J**	1.20 U	0.0002 U	1.20 U
1,3-Dichlorobenzene	541-73-1	0.7	0.0002 UJ	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U
1,4-Dichlorobenzene	106-46-7	0.8	0.0002 UJ	1.20 U	0.0002 U	**0.228 J**	**0.0000379 J**	1.20 U	0.0002 U	1.20 U
Dichlorodifluoromethane (Freon 12)	75-71-8	11	**0.000455 J**	**2.43**	**0.000491**	**2.33**	**0.000471**	**1.66**	**0.000336**	**1.79**
1,1-Dichloroethane	75-34-3	0.25	0.0002 UJ	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U
1,2-Dichloroethane	107-06-2	0.25	0.0002 UJ	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U
1,1-Dichloroethene	75-35-4	0.25	0.0002 UJ	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U
cis-1,2-Dichloroethene	156-59-2	0.25	0.0002 UJ	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U
trans-1,2-Dichloroethene	156-60-5	NE	0.0002 UJ	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U
1,2-Dichloropropane	78-87-5	0.25	0.0002 UJ	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 U
cis-1,3-Dichloropropene	10061-01-5	0.25	0.0002 UJ	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U
trans-1,3-Dichloropropene	10061-02-6	0.25	0.0002 UJ	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U
1,4-Dioxane	123-91-1	NE	0.0002 UJ	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U
n-Dodecane (C12)	112-40-3	7.6	**0.000448 J**	**5.91**	**0.000848**	**3.48**	**0.0005**	**1.01 J**	**0.000145 J**	1.39 U
Ethanol	64-17-5	220	**0.00442 J**	**6.65**	**0.00353**	**6.33**	**0.00336**	**4.62 J**	**0.00245 J**	**9.87**

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK
		Sample Date	7/26/2016	8/16/2016	8/16/2016	9/26/2016	9/26/2016	10/24/2016	10/24/2016	11/29/2016
		Units	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3
		Validation Level	Level 4	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2	Level 4
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]								
2-Ethylthiophene	872-55-9	NE	0.0002 UJ	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 U
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	NE	0.0002 UJ	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U
n-Heptane (C7)	142-82-5	5.1	**0.0000771 J**	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U
Hexachlorobutadiene (C-46)	87-68-3	7	0.0002 UJ	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 U
n-Hexane (C6)	110-54-3	3.6	0.0002 UJ	0.705 U	0.0002 U	0.705 U	0.0002 U	0.705 U	0.0002 U	0.705 U
2-Hexanone	591-78-6	NE	0.0002 UJ	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U
Indane	496-11-7	NE	0.0002 UJ	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 U
Indene	95-13-6	NE	0.0002 UJ	0.951 U	0.0002 U	0.951 U	0.0002 U	0.951 U	0.0002 U	0.951 U
Methyl ethyl ketone (2-Butanone)	78-93-3	17	**0.000346 J**	**0.422 J**	**0.000143 J**	**0.422 J**	**0.000143 J**	1.47 U	0.000498 U	**0.357 J**
Methyl tert-butyl ether (MTBE)	1634-04-4	5.9	0.0002 UJ	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U
4-Methyl-2-pentanone (MIBK)	108-10-1	2.9	0.0005 UJ	2.05 U	0.0005 U	2.05 U	0.0005 U	2.05 U	0.0005 U	2.05 U
Methylene chloride	75-09-2	2.9	**0.000334 J**	**1.67 J**	**0.000481 J**	1.74 U	0.000501 U	1.74 U	0.000501 U	**1.77**
1-Methylnaphthalene	90-12-0	NE	0.001 UJ	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U
2-Methylnaphthalene	91-57-6	NE	0.001 UJ	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U
2-Methylthiophene	554-14-3	NE	0.0002 UJ	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U
3-Methylthiophene	616-44-4	NE	0.0002 UJ	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U
Naphthalene	91-20-3	10	**0.000125 J**	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U
n-Nonane (C9)	111-84-2	1.2	**0.000094 J**	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U
n-Octane (C8)	111-65-9	2.1	**0.0000801 J**	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U
Pentane	109-66-0	NE	0.0002 UJ	**0.416 J**	**0.000141 J**	**0.192 J**	**0.0000651 J**	0.590 U	0.0002 U	**0.578 J**
2-Propanol (Isopropyl Alcohol)	67-63-0	NE	0.0005 UJ	1.23 U	0.0005 U	**0.268 J**	**0.000109 J**	**0.283 J**	**0.000115 J**	**0.605 J**
Styrene	100-42-5	0.6	0.0002 UJ	**0.732 J**	**0.000172 J**	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 U
1,1,2,2-Tetrachloroethane	79-34-5	0.25	0.0002 UJ	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 U
Tetrachloroethene (PCE)	127-18-4	1.6	0.0002 UJ	**0.800 J**	**0.000118 J**	1.36 U	0.0002 U	1.36 U	0.0002 U	1.36 U
1,2,4,5-Tetramethylbenzene	95-93-2	NE	0.0002 UJ	1.10 U	0.0002 U	2.74 U	0.000499 U	1.10 U	0.0002 U	2.74 U
Thiophene	110-02-1	NE	0.0002 UJ	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	76-13-1	3.6	0.0002 UJ	1.53 U	0.0002 U	1.53 U	0.0002 U	1.53 U	0.0002 U	1.53 U
1,2,4-Trichlorobenzene	120-82-1	4.8	0.000199 UJ	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 U
1,1,1-Trichloroethane (TCA)	71-55-6	0.7	0.0002 UJ	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U
1,1,2-Trichloroethane	79-00-5	0.25	0.0002 UJ	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U
Trichloroethene (TCE)	79-01-6	0.5	0.000199 UJ	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 U
Trichlorofluoromethane (Freon 11)	75-69-4	6.1	**0.000495 J**	**2.51**	**0.000447**	**1.09 J**	**0.000194 J**	**0.860 J**	**0.000153 J**	**0.669 J**
1,2,3-Trimethylbenzene	526-73-8	0.6	0.0002 UJ	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U
1,2,4-Trimethylbenzene	95-63-6	2.5	**0.000163 J**	0.983 U	0.0002 U	**0.723 J**	**0.000147 J**	0.983 U	0.0002 U	0.983 U
1,3,5-Trimethylbenzene	108-67-8	1	0.0002 UJ	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U
2,2,4-Trimethylpentane (iso-Octane)	540-84-1	2	0.0002 UJ	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U
n-Undecane (C11)	1120-21-4	2.3	**0.000133 J**	1.28 U	0.0002 U	**2.06**	**0.000322**	1.28 U	0.0002 U	1.28 U
Vinyl bromide (Bromoethene)	593-60-2	NE	0.0002 UJ	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 U
Vinyl chloride	75-01-4	0.25	0.0002 UJ	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 U
Total VOCs (ND=0)	TVOC_ND0	NE	**0.0267943**	NA	**0.0217549**	NA	**0.0105709**	NA	**0.0077228**	NA

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK
		Sample Date	11/29/2016	1/26/2017	1/26/2017	2/15/2017	2/15/2017	3/30/2017	3/30/2017	4/19/2017	4/19/2017
		Units	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv
		Validation Level	Level 4	Level 4	Level 4	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]									
BTEX											
Benzene	71-43-2	5.8	**0.0000679 J**	0.639 U	0.0002 U	**0.284 J**	**0.0000889 J**	**0.198 J**	**0.000062 J**	0.639 U	0.0002 U
Toluene	108-88-3	21	**0.000131 J**	**0.456 J**	**0.000121 J**	**0.754**	**0.0002**	**3.23**	**0.000857**	**0.294 J**	**0.000078 J**
Ethylbenzene	100-41-4	1.9	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U
o-Xylene	95-47-6	2.5	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U	0.869 U	0.0002 U
m/p-Xylene	179601-23-1	3.1	0.000401 U	1.74 U	0.000401 U	1.74 U	0.000401 U	**0.686 J**	**0.000158 J**	1.74 U	0.000401 U
Total BTEX (ND=0)	TBTEX_ND0	NE	**0.0001989**	NA	**0.000121**	NA	**0.0002889**	NA	**0.001077**	NA	**0.000078**
Other VOCs											
Acetaldehyde	75-07-0	NE	0.0025 U	**7.31**	**0.00406**	4.50 U	0.0025 U	**24.3**	**0.0135**	**13.9**	**0.00772**
Acetone	67-64-1	58	**0.00127**	**10.2**	**0.00429**	**5.96**	**0.00251**	9.79 U	0.00412 U	**5.46**	**0.0023**
Acrolein (propenal)	107-02-8	NE	0.000502 U	**0.420 J**	**0.000183 J**	1.15 U	0.000502 U	**0.387 J**	**0.000169 J**	1.15 U	0.000502 U
Allyl chloride (3-Chloropropene)	107-05-1	NE	0.0002 U	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 U	0.0002 U	0.626 U	0.0002 U
Benzothiophene (1-Benzothiophene)	11095-43-5	NE	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U
Bromodichloromethane	75-27-4	NE	0.0002 U	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 U	0.0002 U	1.34 U	0.0002 U
Bromoform	75-25-2	NE	0.0002 U	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 U	0.0002 U	2.07 U	0.0002 U
Bromomethane	74-83-9	0.9	0.0002 U	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 U	0.0002 U	0.777 U	0.0002 U
1,3-Butadiene	106-99-0	NE	0.0002 U	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 U	0.0002 U	0.442 U	0.0002 U
Butane	106-97-8	NE	**0.000938**	**4.59**	**0.00193**	**2.24**	**0.000942**	**0.756**	**0.000318**	**1.01**	**0.000425**
t-Butyl alcohol (Tertiary Butyl Alcohol)	75-65-0	NE	0.000501 U	**1.15 J**	**0.000379 J**	**0.461 J**	**0.000152 J**	**1.59**	**0.000524**	**0.373 J**	**0.000123 J**
Carbon disulfide	75-15-0	NE	**0.000105 J**	**1.01**	**0.000324**	**0.517 J**	**0.000166 J**	**0.953**	**0.000306**	**0.997**	**0.00032**
Carbon tetrachloride	56-23-5	1	0.0002 U	1.26 U	0.0002 U	1.26 U	0.0002 U	1.26 U	0.0002 U	1.26 U	0.0002 U
Chlorobenzene	108-90-7	0.25	0.0002 U	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 U	0.0002 U	0.921 U	0.0002 U
Chloroethane	75-00-3	0.4	0.0002 U	0.528 U	0.0002 U	0.528 U	0.0002 U	0.528 U	0.0002 U	0.528 U	0.0002 U
Chloroform (Trichloromethane)	67-66-3	0.5	0.0002 U	0.977 U	0.0002 U	0.977 U	0.0002 U	0.977 U	0.0002 U	0.977 U	0.0002 U
Chloromethane	74-87-3	4.6	**0.000581**	**1.15**	**0.000557**	**1.33**	**0.000644**	**1.09**	**0.000528**	**1.04**	**0.000504**
2-Chlorotoluene (o-Chlorotoluene)	95-49-8	NE	0.000201 U	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 U	0.000201 U	1.04 U	0.000201 U
Cryofluorane (Freon 114)	76-14-2	1.3	0.0002 U	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 U	0.0002 U	1.40 U	0.0002 U
Cyclohexane	110-82-7	3	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U
n-Decane (C10)	124-18-5	3.6	0.000199 U	1.16 U	0.000199 U	**0.535 J**	**0.0000919 J**	**3.63**	**0.000624**	1.16 U	0.000199 U
Dibromochloromethane	124-48-1	NE	0.0002 U	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 U	0.0002 U	1.70 U	0.0002 U
1,2-Dibromoethane (EDB)	106-93-4	0.25	0.0002 U	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 U	0.0002 U	1.54 U	0.0002 U
1,2-Dichlorobenzene	95-50-1	0.9	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U
1,3-Dichlorobenzene	541-73-1	0.7	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	**0.403 J**	**0.000067 J**	1.20 U	0.0002 U
1,4-Dichlorobenzene	106-46-7	0.8	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U	1.20 U	0.0002 U
Dichlorodifluoromethane (Freon 12)	75-71-8	11	**0.000362**	**1.48**	**0.000299**	**1.30**	**0.000263**	**1.70 J**	**0.000344 J**	**2.05**	**0.000415**
1,1-Dichloroethane	75-34-3	0.25	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U
1,2-Dichloroethane	107-06-2	0.25	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U	0.809 U	0.0002 U
1,1-Dichloroethene	75-35-4	0.25	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U
cis-1,2-Dichloroethene	156-59-2	0.25	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U
trans-1,2-Dichloroethene	156-60-5	NE	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U	0.793 U	0.0002 U
1,2-Dichloropropane	78-87-5	0.25	0.0002 U	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 U	0.0002 U	0.924 U	0.0002 U
cis-1,3-Dichloropropene	10061-01-5	0.25	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U
trans-1,3-Dichloropropene	10061-02-6	0.25	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U	0.908 U	0.0002 U
1,4-Dioxane	123-91-1	NE	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U
n-Dodecane (C12)	112-40-3	7.6	0.0002 U	**0.599 J**	**0.000086 J**	**0.439 J**	**0.000063 J**	**1.96 J**	**0.000281 J**	3.48 U	0.0005 U
Ethanol	64-17-5	220	**0.00524**	**2.73 J**	**0.00145 J**	**2.41 J**	**0.00128 J**	**127**	**0.0674**	**17.3**	**0.00918**

		Operable Unit	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1	OU1
		Sample Name	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK
		Sample Date	11/29/2016	1/26/2017	1/26/2017	2/15/2017	2/15/2017	3/30/2017	3/30/2017	4/19/2017	4/19/2017
		Units	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv	µg/m3	ppmv
		Validation Level	Level 4	Level 4	Level 4	Level 2	Level 2	Level 4	Level 4	Level 2	Level 2
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]									
2-Ethylthiophene	872-55-9	NE	0.0002 U	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 U	0.0002 U	0.918 U	0.0002 U
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	NE	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U
n-Heptane (C7)	142-82-5	5.1	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U
Hexachlorobutadiene (C-46)	87-68-3	7	0.0002 U	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 U	0.0002 U	2.13 U	0.0002 U
n-Hexane (C6)	110-54-3	3.6	0.0002 U	0.705 U	0.0002 U	**0.271 J**	**0.0000769 J**	0.705 U	0.0002 U	0.705 U	0.0002 U
2-Hexanone	591-78-6	NE	0.0002 U	0.820 U	0.0002 U	0.820 U	0.0002 U	**0.365 J**	**0.0000891 J**	0.820 U	0.0002 U
Indane	496-11-7	NE	0.0002 U	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 U	0.0002 U	0.967 U	0.0002 U
Indene	95-13-6	NE	0.0002 U	0.951 UJ	0.0002 UJ	0.951 U	0.0002 U	0.951 U	0.0002 U	0.951 U	0.0002 U
Methyl ethyl ketone (2-Butanone)	78-93-3	17	**0.000121 J**	**1.21 J**	**0.00041 J**	**0.823 J**	**0.000279 J**	**1.58**	**0.000536**	**0.419 J**	**0.000142 J**
Methyl tert-butyl ether (MTBE)	1634-04-4	5.9	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U	0.721 U	0.0002 U
4-Methyl-2-pentanone (MIBK)	108-10-1	2.9	0.0005 U	2.05 U	0.0005 U	2.05 U	0.0005 U	**0.357 J**	**0.0000871 J**	2.05 U	0.0005 U
Methylene chloride	75-09-2	2.9	**0.000509**	1.74 U	0.000501 U	**1.08 J**	**0.000311 J**	1.74 U	0.000501 U	**1.14 J**	**0.000328 J**
1-Methylnaphthalene	90-12-0	NE	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U	5.82 U	0.001 U
2-Methylnaphthalene	91-57-6	NE	0.001 U	5.82 UJ	0.001 UJ	5.82 U	0.001 U	5.82 UJ	0.001 UJ	5.82 U	0.001 U
2-Methylthiophene	554-14-3	NE	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U
3-Methylthiophene	616-44-4	NE	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U	0.803 U	0.0002 U
Naphthalene	91-20-3	10	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U
n-Nonane (C9)	111-84-2	1.2	0.0002 U	1.05 U	0.0002 U	1.05 U	0.0002 U	**1.02 J**	**0.000194 J**	1.05 U	0.0002 U
n-Octane (C8)	111-65-9	2.1	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	**0.915 J**	**0.000196 J**	0.934 U	0.0002 U
Pentane	109-66-0	NE	**0.000196 J**	**0.673**	**0.000228**	**0.634**	**0.000215**	0.590 U	0.0002 U	0.590 U	0.0002 U
2-Propanol (Isopropyl Alcohol)	67-63-0	NE	**0.000246 J**	1.23 U	0.0005 U	1.23 U	0.0005 U	**24.4**	**0.00993**	**1.12 J**	**0.000456 J**
Styrene	100-42-5	0.6	0.0002 U	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 U	0.0002 U	0.852 U	0.0002 U
1,1,2,2-Tetrachloroethane	79-34-5	0.25	0.0002 U	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 U	0.0002 U	1.37 U	0.0002 U
Tetrachloroethene (PCE)	127-18-4	1.6	0.0002 U	1.36 U	0.0002 U	1.36 U	0.0002 U	1.36 U	0.0002 U	1.36 U	0.0002 U
1,2,4,5-Tetramethylbenzene	95-93-2	NE	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U	2.74 U	0.000499 U
Thiophene	110-02-1	NE	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U	0.688 U	0.0002 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	76-13-1	3.6	0.0002 U	1.53 U	0.0002 U	1.53 U	0.0002 U	1.53 U	0.0002 U	1.53 U	0.0002 U
1,2,4-Trichlorobenzene	120-82-1	4.8	0.000199 U	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 U	0.000199 U	1.48 U	0.000199 U
1,1,1-Trichloroethane (TCA)	71-55-6	0.7	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U
1,1,2-Trichloroethane	79-00-5	0.25	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U	1.09 U	0.0002 U
Trichloroethene (TCE)	79-01-6	0.5	0.000199 U	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 U	0.000199 U	1.07 U	0.000199 U
Trichlorofluoromethane (Freon 11)	75-69-4	6.1	**0.000119 J**	**1.69**	**0.000301**	**1.14**	**0.000203**	1.12 U	0.000199 U	**0.551 J**	**0.0000981 J**
1,2,3-Trimethylbenzene	526-73-8	0.6	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U
1,2,4-Trimethylbenzene	95-63-6	2.5	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	**0.428 J**	**0.0000871 J**	0.983 U	0.0002 U
1,3,5-Trimethylbenzene	108-67-8	1	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U	0.983 U	0.0002 U
2,2,4-Trimethylpentane (iso-Octane)	540-84-1	2	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U	0.934 U	0.0002 U
n-Undecane (C11)	1120-21-4	2.3	0.0002 U	1.28 U	0.0002 U	1.28 U	0.0002 U	1.28 U	0.0002 U	1.28 U	0.0002 U
Vinyl bromide (Bromoethene)	593-60-2	NE	0.0002 U	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 U	0.0002 U	0.874 U	0.0002 U
Vinyl chloride	75-01-4	0.25	0.0002 U	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 U	0.0002 U	0.511 U	0.0002 U
Total VOCs (ND=0)	TVOC_ND0	NE	**0.0098859**	NA	**0.01462**	NA	**0.007486**	NA	**0.09626**	NA	**0.02209**

		Operable Unit	OU1	OU1	OU1	OU1
		Sample Name	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK
		Sample Date	5/30/2017	5/30/2017	6/22/2017	6/22/2017
		Units	µg/m3	ppmv	µg/m3	ppmv
		Validation Level	Level 4	Level 4	Level 2	Level 2
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]				
BTEX						
Benzene	71-43-2	5.8	0.639 U	0.0002 U	**0.204 J**	**0.0000639 J**
Toluene	108-88-3	21	**0.494 J**	**0.000131 J**	**2.08**	**0.000552**
Ethylbenzene	100-41-4	1.9	0.869 U	0.0002 U	**0.639 J**	**0.000147 J**
o-Xylene	95-47-6	2.5	0.869 U	0.0002 U	**0.786 J**	**0.000181 J**
m/p-Xylene	179601-23-1	3.1	1.74 U	0.000401 U	**1.82**	**0.000419**
Total BTEX (ND=0)	TBTEX_ND0	NE	NA	**0.000131**	NA	**0.001363**
Other VOCs						
Acetaldehyde	75-07-0	NE	**17.0**	**0.00944**	**39.1**	**0.0217**
Acetone	67-64-1	58	**10.2**	**0.00429**	**22.9**	**0.00964**
Acrolein (propenal)	107-02-8	NE	**0.355 J**	**0.000155 J**	**1.42**	**0.000619**
Allyl chloride (3-Chloropropene)	107-05-1	NE	0.626 U	0.0002 U	0.626 U	0.0002 U
Benzothiophene (1-Benzothiophene)	11095-43-5	NE	2.74 U	0.000499 U	2.74 U	0.000499 U
Bromodichloromethane	75-27-4	NE	1.34 U	0.0002 U	1.34 U	0.0002 U
Bromoform	75-25-2	NE	2.07 U	0.0002 U	2.07 U	0.0002 U
Bromomethane	74-83-9	0.9	0.777 U	0.0002 U	0.777 U	0.0002 U
1,3-Butadiene	106-99-0	NE	0.442 U	0.0002 U	0.442 U	0.0002 U
Butane	106-97-8	NE	**0.927**	**0.00039**	**1.38**	**0.000581**
t-Butyl alcohol (Tertiary Butyl Alcohol)	75-65-0	NE	**3.30**	**0.00109**	**5.94**	**0.00196**
Carbon disulfide	75-15-0	NE	**1.54**	**0.000495**	**3.11**	**0.000999**
Carbon tetrachloride	56-23-5	1	1.26 U	0.0002 U	1.26 U	0.0002 U
Chlorobenzene	108-90-7	0.25	0.921 U	0.0002 U	0.921 U	0.0002 U
Chloroethane	75-00-3	0.4	0.528 U	0.0002 U	0.528 U	0.0002 U
Chloroform (Trichloromethane)	67-66-3	0.5	0.977 U	0.0002 U	**16.8**	**0.00344**
Chloromethane	74-87-3	4.6	**0.952**	**0.000461**	**2.00**	**0.000969**
2-Chlorotoluene (o-Chlorotoluene)	95-49-8	NE	1.04 U	0.000201 U	1.04 U	0.000201 U
Cryofluorane (Freon 114)	76-14-2	1.3	1.40 U	0.0002 U	1.40 U	0.0002 U
Cyclohexane	110-82-7	3	0.688 U	0.0002 U	0.688 U	0.0002 U
n-Decane (C10)	124-18-5	3.6	**2.57**	**0.000442**	**0.972 J**	**0.000167 J**
Dibromochloromethane	124-48-1	NE	1.70 U	0.0002 U	1.70 U	0.0002 U
1,2-Dibromoethane (EDB)	106-93-4	0.25	1.54 U	0.0002 U	1.54 U	0.0002 U
1,2-Dichlorobenzene	95-50-1	0.9	1.20 U	0.0002 U	1.20 U	0.0002 U
1,3-Dichlorobenzene	541-73-1	0.7	1.20 U	0.0002 U	**0.679 J**	**0.000113 J**
1,4-Dichlorobenzene	106-46-7	0.8	1.20 U	0.0002 U	1.20 U	0.0002 U
Dichlorodifluoromethane (Freon 12)	75-71-8	11	**1.46**	**0.000295**	**1.83**	**0.00037**
1,1-Dichloroethane	75-34-3	0.25	0.809 U	0.0002 U	0.809 U	0.0002 U
1,2-Dichloroethane	107-06-2	0.25	0.809 U	0.0002 U	0.809 U	0.0002 U
1,1-Dichloroethene	75-35-4	0.25	0.793 U	0.0002 U	0.793 U	0.0002 U
cis-1,2-Dichloroethene	156-59-2	0.25	0.793 U	0.0002 U	0.793 U	0.0002 U
trans-1,2-Dichloroethene	156-60-5	NE	0.793 U	0.0002 U	0.793 U	0.0002 U
1,2-Dichloropropane	78-87-5	0.25	0.924 U	0.0002 U	0.924 U	0.0002 U
cis-1,3-Dichloropropene	10061-01-5	0.25	0.908 U	0.0002 U	0.908 U	0.0002 U
trans-1,3-Dichloropropene	10061-02-6	0.25	0.908 U	0.0002 U	0.908 U	0.0002 U
1,4-Dioxane	123-91-1	NE	0.721 U	0.0002 U	0.721 U	0.0002 U
n-Dodecane (C12)	112-40-3	7.6	**1.24 J**	**0.000178 J**	**33.9**	**0.00487**
Ethanol	64-17-5	220	**35.6**	**0.0189**	**55.2**	**0.0293**

		Operable Unit	OU1	OU1	OU1	OU1
		Sample Name	OZ-STACK	OZ-STACK	OZ-STACK	OZ-STACK
		Sample Date	5/30/2017	5/30/2017	6/22/2017	6/22/2017
		Units	µg/m3	ppmv	µg/m3	ppmv
		Validation Level	Level 4	Level 4	Level 2	Level 2
Analyte	CAS no.	NYSDOH Background Outdoor Air 95th Percentile[1]				
2-Ethylthiophene	872-55-9	NE	0.918 U	0.0002 U	0.918 U	0.0002 U
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	NE	0.983 U	0.0002 U	0.983 U	0.0002 U
n-Heptane (C7)	142-82-5	5.1	0.820 U	0.0002 U	**0.631 J**	**0.000154 J**
Hexachlorobutadiene (C-46)	87-68-3	7	2.13 U	0.0002 U	2.13 U	0.0002 U
n-Hexane (C6)	110-54-3	3.6	0.705 U	0.0002 U	**0.271 J**	**0.0000769 J**
2-Hexanone	591-78-6	NE	0.820 U	0.0002 U	0.820 U	0.0002 U
Indane	496-11-7	NE	0.967 U	0.0002 U	0.967 U	0.0002 U
Indene	95-13-6	NE	0.951 U	0.0002 U	0.951 U	0.0002 U
Methyl ethyl ketone (2-Butanone)	78-93-3	17	**0.855 J**	**0.00029 J**	**2.06**	**0.000699**
Methyl tert-butyl ether (MTBE)	1634-04-4	5.9	0.721 U	0.0002 U	0.721 U	0.0002 U
4-Methyl-2-pentanone (MIBK)	108-10-1	2.9	2.05 U	0.0005 U	2.05 U	0.0005 U
Methylene chloride	75-09-2	2.9	1.74 U	0.000501 U	1.74 U	0.000501 U
1-Methylnaphthalene	90-12-0	NE	5.82 U	0.001 U	5.82 U	0.001 U
2-Methylnaphthalene	91-57-6	NE	5.82 U	0.001 U	5.82 U	0.001 U
2-Methylthiophene	554-14-3	NE	0.803 U	0.0002 U	0.803 U	0.0002 U
3-Methylthiophene	616-44-4	NE	0.803 U	0.0002 U	0.803 U	0.0002 U
Naphthalene	91-20-3	10	1.05 U	0.0002 U	**0.325 J**	**0.000062 J**
n-Nonane (C9)	111-84-2	1.2	1.05 U	0.0002 U	1.05 U	0.0002 U
n-Octane (C8)	111-65-9	2.1	0.934 U	0.0002 U	**0.556 J**	**0.000119 J**
Pentane	109-66-0	NE	0.590 U	0.0002 U	**0.629**	**0.000213**
2-Propanol (Isopropyl Alcohol)	67-63-0	NE	**1.01 J**	**0.000411 J**	**1.87 B**	**0.000761 B**
Styrene	100-42-5	0.6	0.852 U	0.0002 U	0.852 U	0.0002 U
1,1,2,2-Tetrachloroethane	79-34-5	0.25	1.37 U	0.0002 U	1.37 U	0.0002 U
Tetrachloroethene (PCE)	127-18-4	1.6	1.36 U	0.0002 U	**3.49**	**0.000515**
1,2,4,5-Tetramethylbenzene	95-93-2	NE	1.10 U	0.0002 U	2.74 U	0.000499 U
Thiophene	110-02-1	NE	0.688 U	0.0002 U	0.688 U	0.0002 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	76-13-1	3.6	1.53 U	0.0002 U	1.53 U	0.0002 U
1,2,4-Trichlorobenzene	120-82-1	4.8	1.48 U	0.000199 U	1.48 U	0.000199 U
1,1,1-Trichloroethane (TCA)	71-55-6	0.7	1.09 U	0.0002 U	1.09 U	0.0002 U
1,1,2-Trichloroethane	79-00-5	0.25	1.09 U	0.0002 U	1.09 U	0.0002 U
Trichloroethene (TCE)	79-01-6	0.5	1.07 U	0.000199 U	1.07 U	0.000199 U
Trichlorofluoromethane (Freon 11)	75-69-4	6.1	**0.927 J**	**0.000165 J**	**1.55**	**0.000276**
1,2,3-Trimethylbenzene	526-73-8	0.6	0.983 U	0.0002 U	**0.379 J**	**0.0000771 J**
1,2,4-Trimethylbenzene	95-63-6	2.5	0.983 U	0.0002 U	**1.30**	**0.000264**
1,3,5-Trimethylbenzene	108-67-8	1	0.983 U	0.0002 U	**0.329 J**	**0.0000669 J**
2,2,4-Trimethylpentane (iso-Octane)	540-84-1	2	0.934 U	0.0002 U	**0.715 J**	**0.000153 J**
n-Undecane (C11)	1120-21-4	2.3	1.28 U	0.0002 U	**1.09 J**	**0.00017 J**
Vinyl bromide (Bromoethene)	593-60-2	NE	0.874 U	0.0002 U	0.874 U	0.0002 U
Vinyl chloride	75-01-4	0.25	0.511 U	0.0002 U	0.511 U	0.0002 U
Total VOCs (ND=0)	TVOC_ND0	NE	NA	**0.03713**	NA	**0.0797**

Notes:

ppmv = parts per million by volume
µg/m^3 = micrograms per cubic meter
BTEX = benzene, toluene, ethylbenzene, and xylene
VOCs = volatile organic compounds
Total BTEX and Total VOCs are calculated using detects only.

[1] Source: NYSDOH, October 2006. Summary of Indoor and Outdoor Levels of Volatile Organic Compounds from Fuel Oil Heated Homes reported in various locations within sampled homes in NYS, 1997-2003 as presented in Table C1. Background values for naphthalene are from the NYSDOH 1997 Control Home Database as presented in Table C3 of the NYSDOH 2006 Guidance.

Bolding indicates a detected result value

NA = not applicable
NE = not established
ND = not detected

Data qualifiers:

B = The analyte was detected in the associated method blank.
J = estimated value
U = not detected to the reporting limit shown
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.

OZ-PREGAC

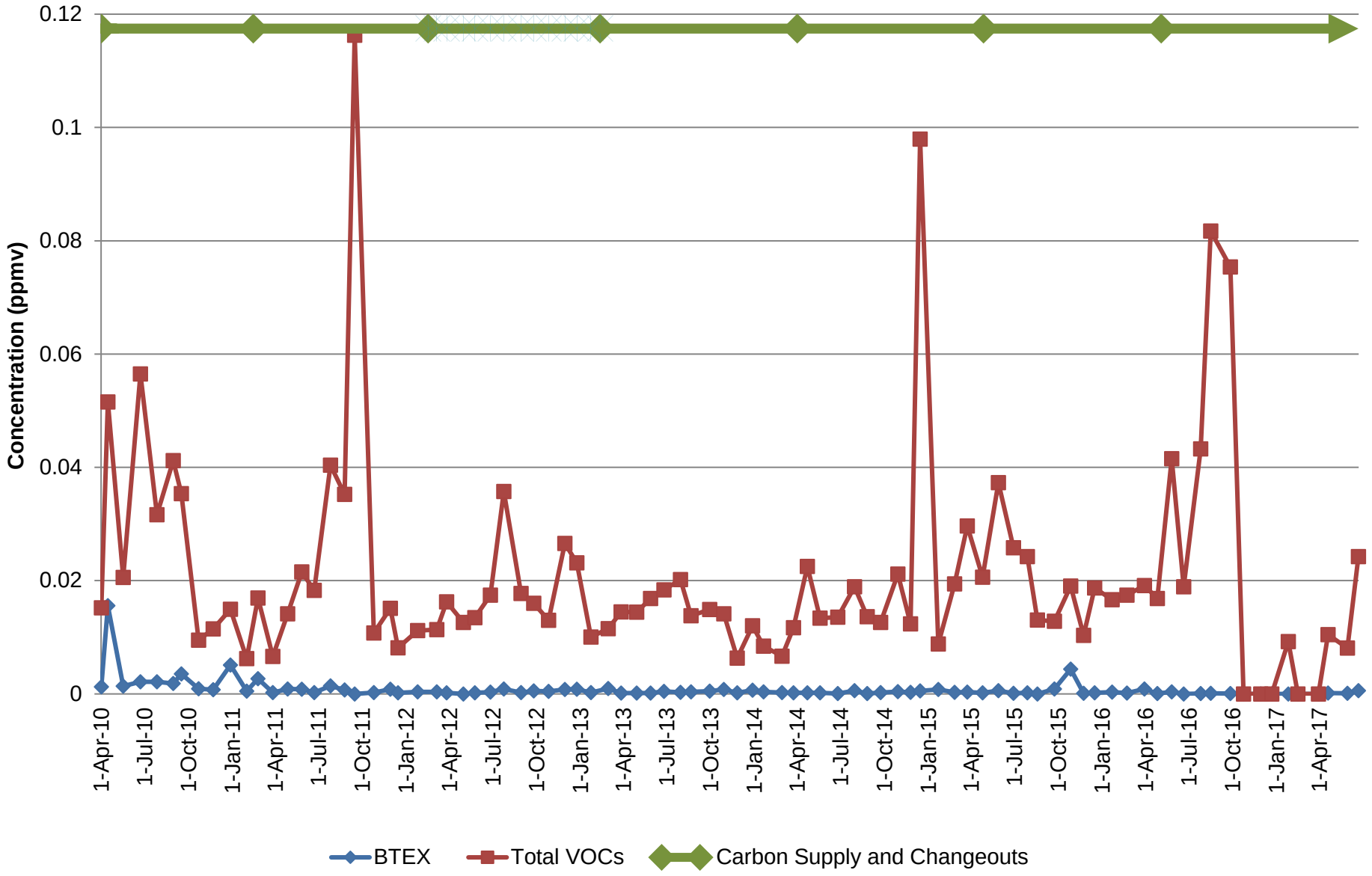
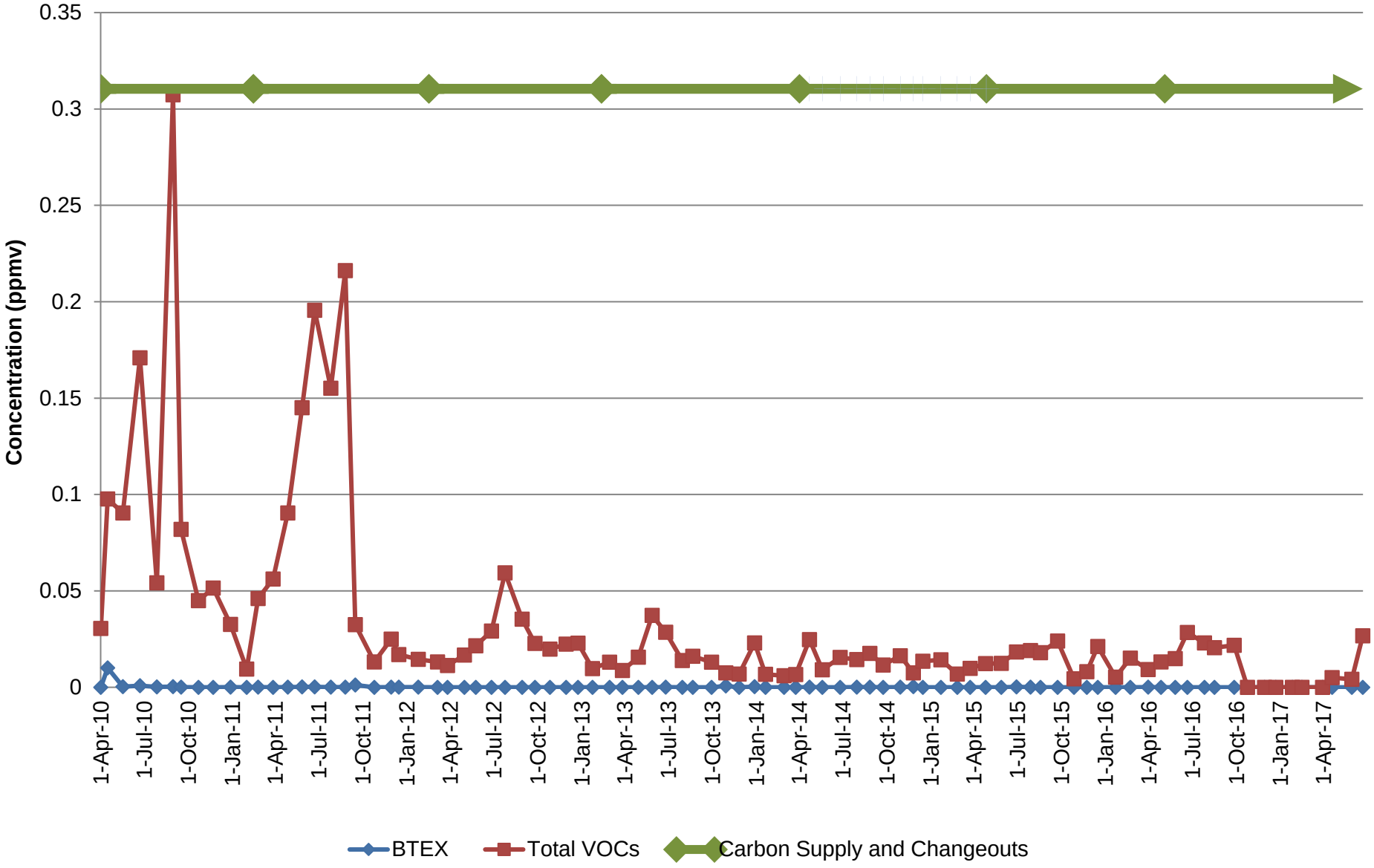
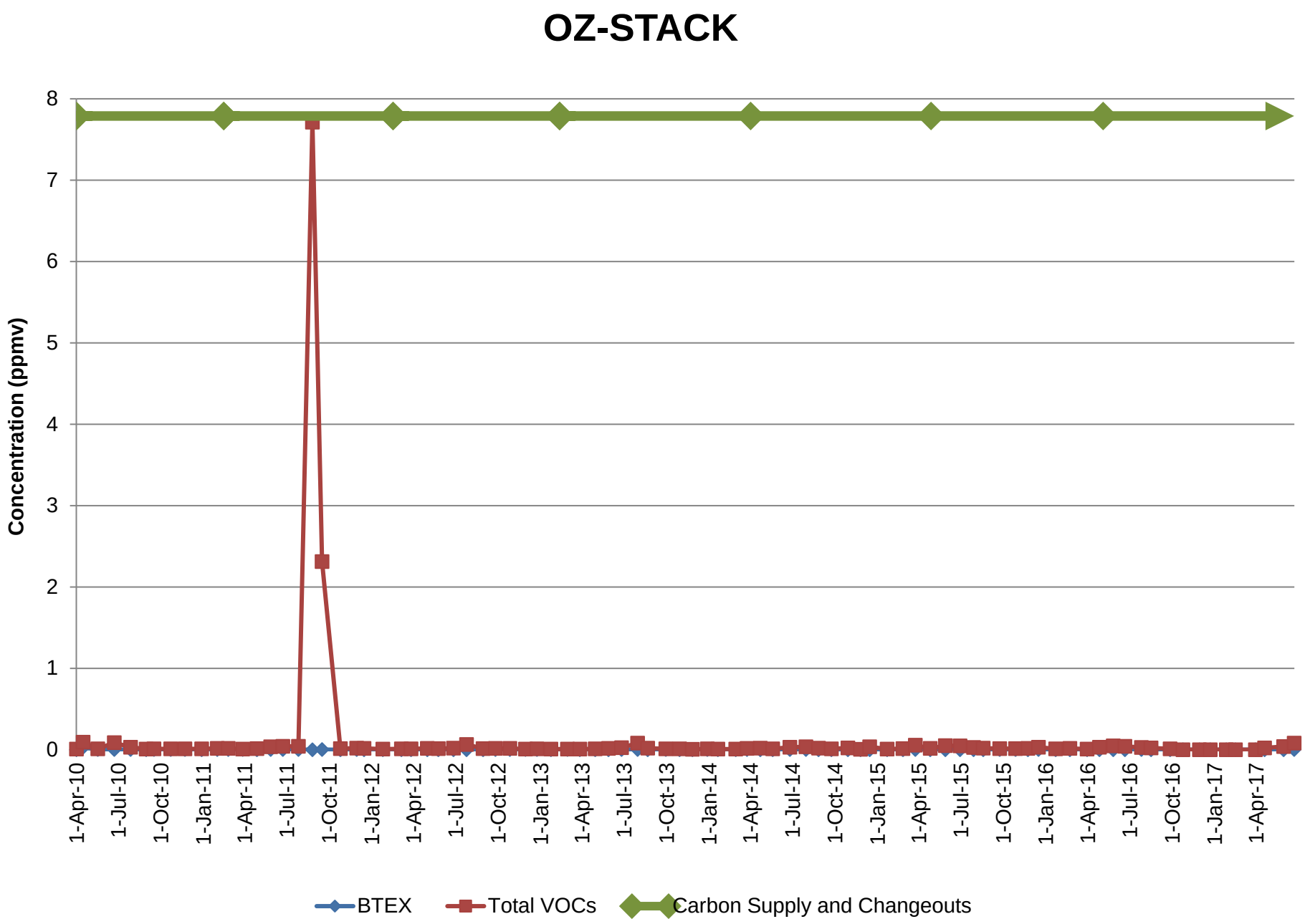

0.12
0.1
0.08
0.06
0.04
0.02
0
Concentration (ppmv)
1-Apr-10
1-Jul-10
1-Oct-10
1-Jan-11
1-Apr-11
1-Jul-11
1-Oct-11
1-Jan-12
1-Apr-12
1-Jul-12
1-Oct-12
1-Jan-13
1-Apr-13
1-Jul-13
1-Oct-13
1-Jan-14
1-Apr-14
1-Jul-14
1-Oct-14
1-Jan-15
1-Apr-15
1-Jul-15
1-Oct-15
1-Jan-16
1-Apr-16
1-Jul-16
1-Oct-16
1-Jan-17
1-Apr-17
BTEX
Total VOCs
Carbon Supply and Changeouts

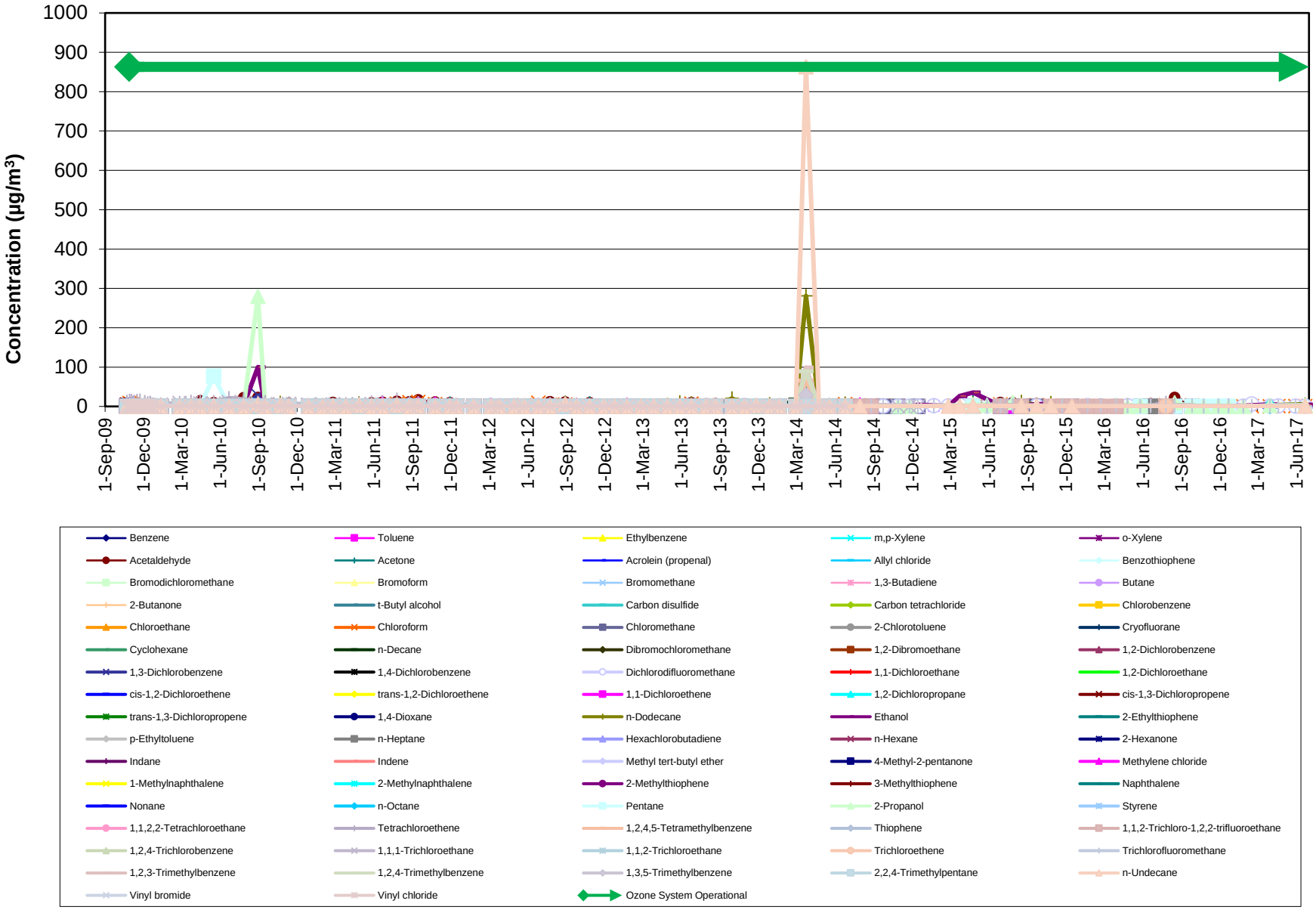
Figure B-2

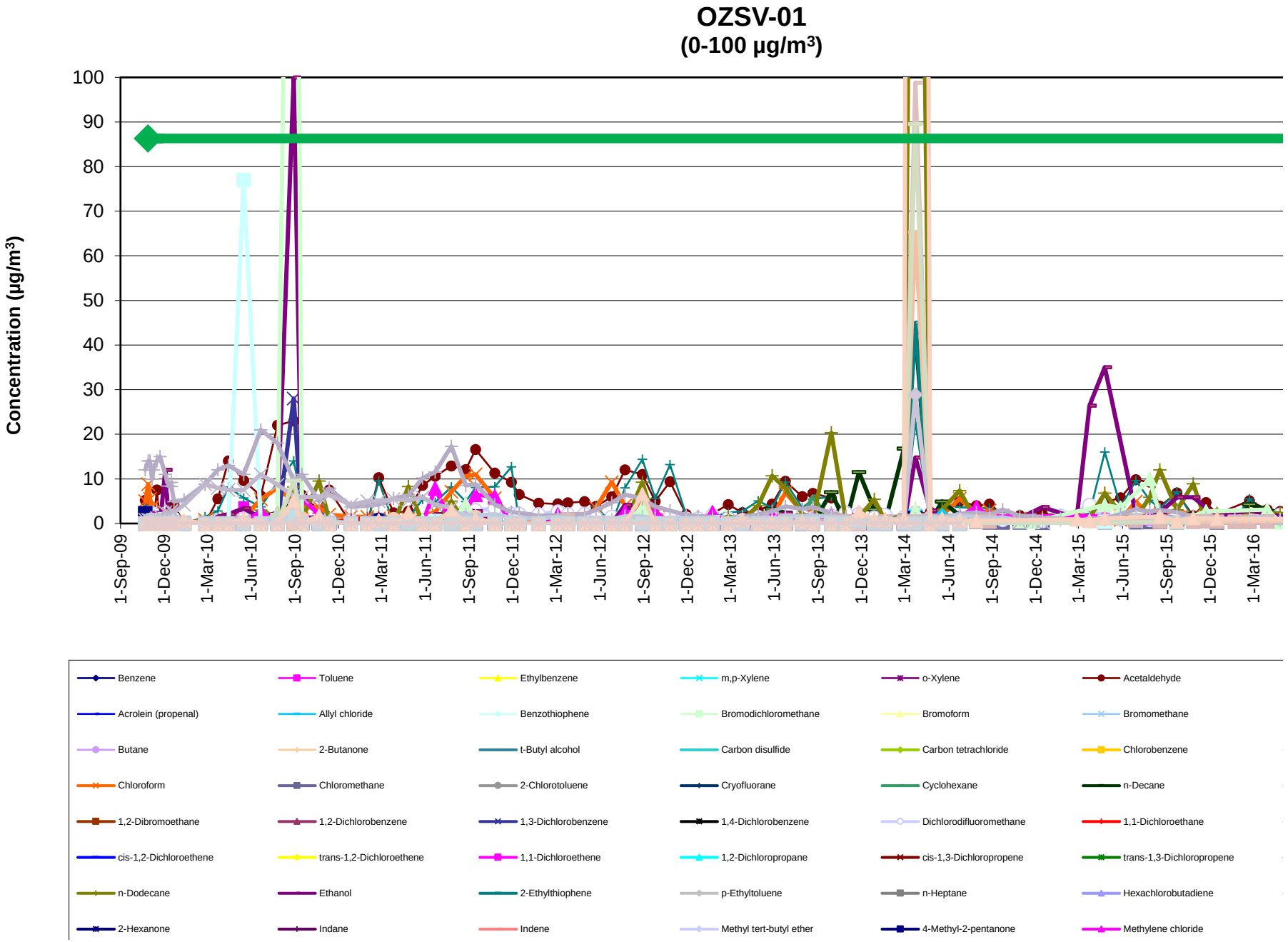
OZ-MGAC



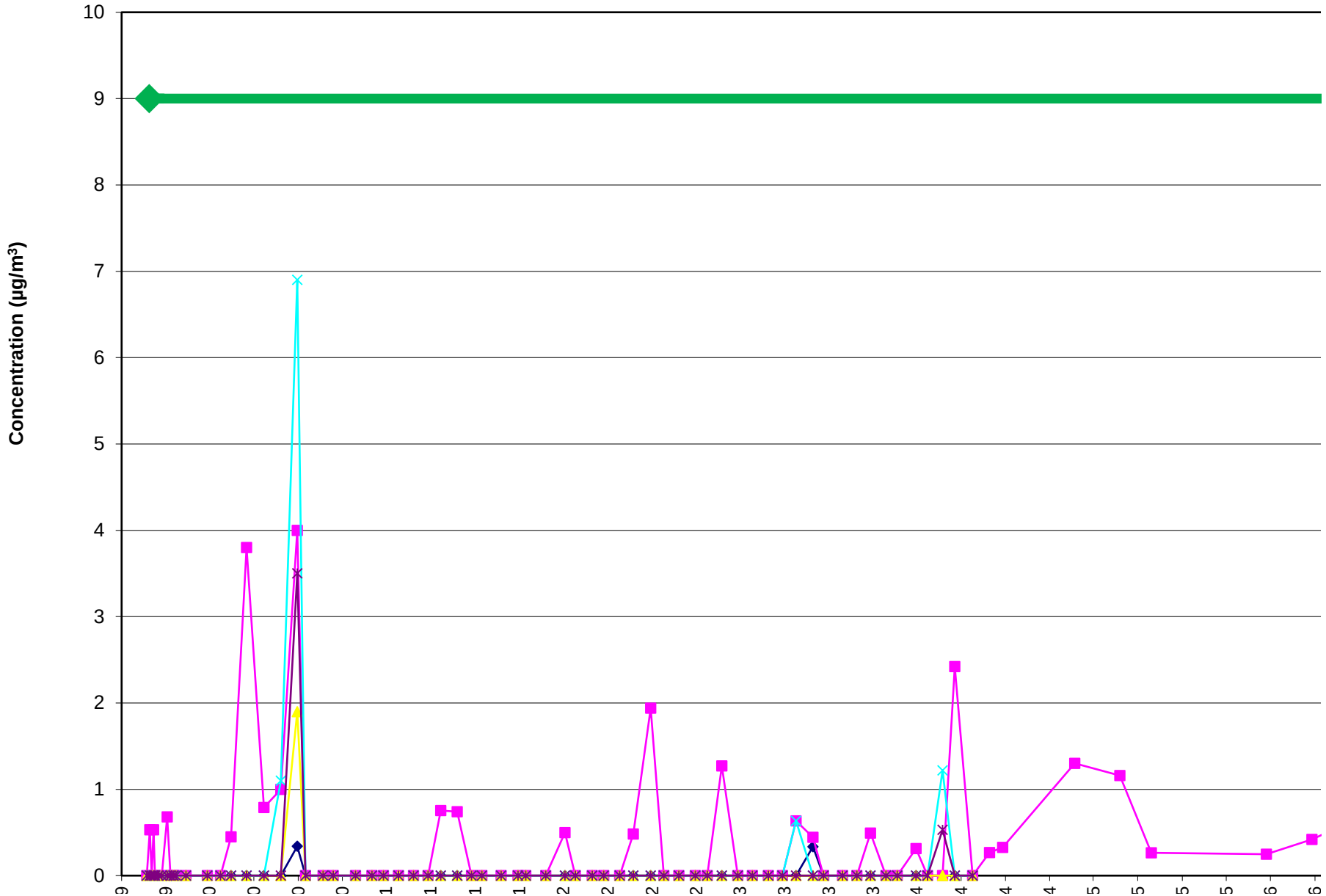

OZ-STACK
Concentration (ppmv)
8
7
6
5
4
3
2
1
0
1-Apr-10
1-Jul-10
1-Oct-10
1-Jan-11
1-Apr-11
1-Jul-11
1-Oct-11
1-Jan-12
1-Apr-12
1-Jul-12
1-Oct-12
1-Jan-13
1-Apr-13
1-Jul-13
1-Oct-13
1-Jan-14
1-Apr-14
1-Jul-14
1-Oct-14
1-Jan-15
1-Apr-15
1-Jul-15
1-Oct-15
1-Jan-16
1-Apr-16
1-Jul-16
1-Oct-16
1-Jan-17
1-Apr-17
BTEX
Total VOCs
Carbon Supply and Changeouts

OZSV-01

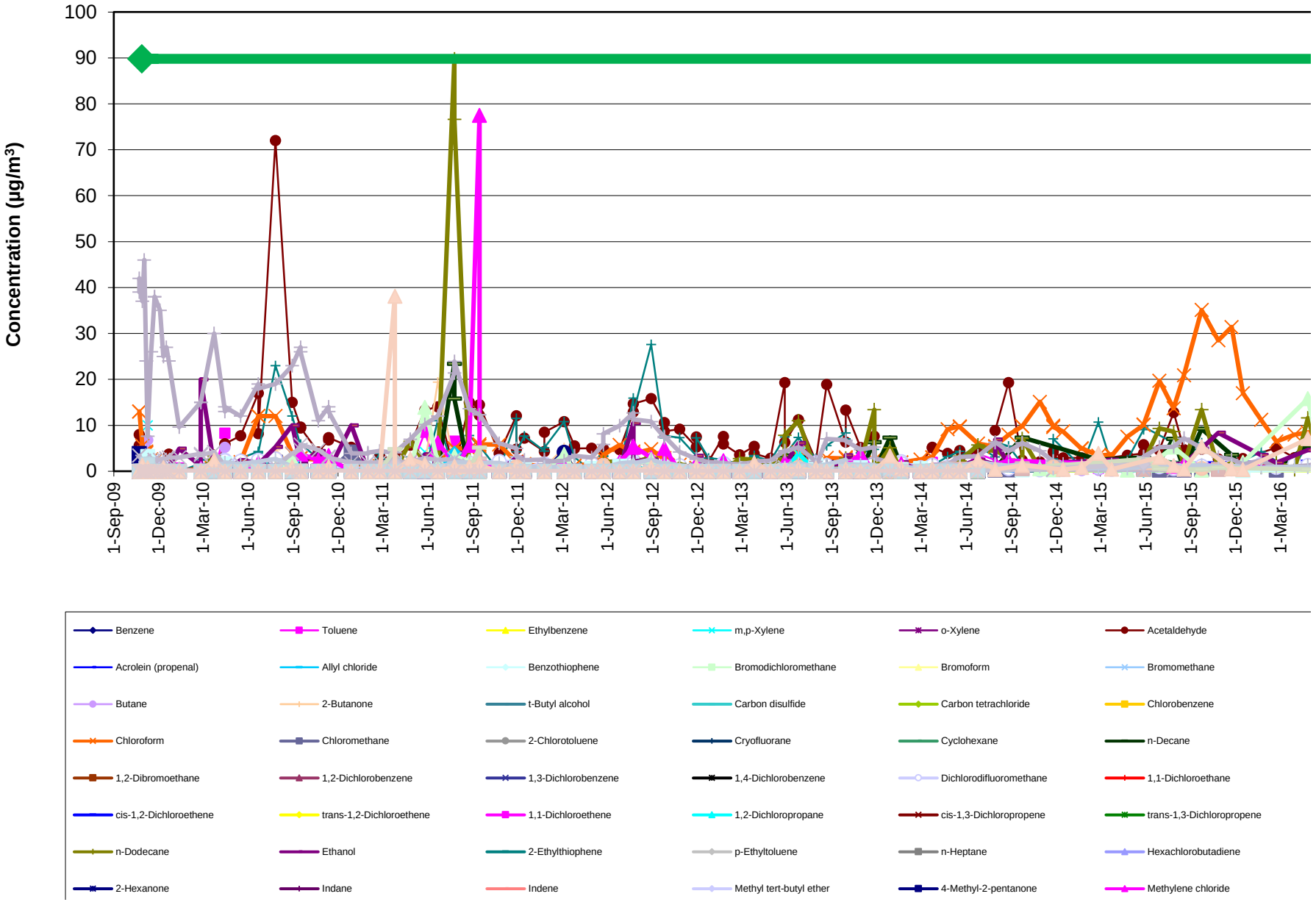

Concentration (µg/m³)
1000
900
800
700
600
500
400
300
200
100
0
1-Sep-09
1-Dec-09
1-Mar-10
1-Jun-10
1-Sep-10
1-Dec-10
1-Mar-11
1-Jun-11
1-Sep-11
1-Dec-11
1-Mar-12
1-Jun-12
1-Sep-12
1-Dec-12
1-Mar-13
1-Jun-13
1-Sep-13
1-Dec-13
1-Mar-14
1-Jun-14
1-Sep-14
1-Dec-14
1-Mar-15
1-Jun-15
1-Sep-15
1-Dec-15
1-Mar-16
1-Jun-16
1-Sep-16
1-Dec-16
1-Mar-17
1-Jun-17
Benzene
Toluene
Ethylbenzene
m,p-Xylene
o-Xylene
Acetaldehyde
Acetone
Acrolein (propenal)
Allyl chloride
Benzothiophene
Bromodichloromethane
Bromoform
Bromomethane
1,3-Butadiene
Butane
2-Butanone
t-Butyl alcohol
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
2-Chlorotoluene
Cryofluorane
Cyclohexane
n-Decane
Dibromochloromethane
1,2-Dibromoethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Dichlorodifluoromethane
1,1-Dichloroethane
1,2-Dichloroethane
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
1,1-Dichloroethene
1,2-Dichloropropane
cis-1,3-Dichloropropene
trans-1,3-Dichloropropene
1,4-Dioxane
n-Dodecane
Ethanol
2-Ethylthiophene
p-Ethyltoluene
n-Heptane
Hexachlorobutadiene
n-Hexane
2-Hexanone
Indane
Indene
Methyl tert-butyl ether
4-Methyl-2-pentanone
Methylene chloride
1-Methylnaphthalene
2-Methylnaphthalene
2-Methylthiophene
3-Methylthiophene
Naphthalene
Nonane
n-Octane
Pentane
2-Propanol
Styrene
1,1,2,2-Tetrachloroethane
Tetrachloroethene
1,2,4,5-Tetramethylbenzene
Thiophene
1,1,2-Trichloro-1,2,2-trifluoroethane
1,2,4-Trichlorobenzene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethene
Trichlorofluoromethane
1,2,3-Trimethylbenzene
1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene
2,2,4-Trimethylpentane
n-Undecane
Vinyl bromide
Vinyl chloride
Ozone System Operational


OZSV-01
(0-100 µg/m³)
Concentration (µg/m³)
100
90
80
70
60
50
40
30
20
10
0
1-Sep-09
1-Dec-09
1-Mar-10
1-Jun-10
1-Sep-10
1-Dec-10
1-Mar-11
1-Jun-11
1-Sep-11
1-Dec-11
1-Mar-12
1-Jun-12
1-Sep-12
1-Dec-12
1-Mar-13
1-Jun-13
1-Sep-13
1-Dec-13
1-Mar-14
1-Jun-14
1-Sep-14
1-Dec-14
1-Mar-15
1-Jun-15
1-Sep-15
1-Dec-15
1-Mar-16
Benzene
Toluene
Ethylbenzene
m,p-Xylene
o-Xylene
Acetaldehyde
Acrolein (propenal)
Allyl chloride
Benzothiophene
Bromodichloromethane
Bromoform
Bromomethane
Butane
2-Butanone
t-Butyl alcohol
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
Chloroform
Chloromethane
2-Chlorotoluene
Cryofluorane
Cyclohexane
n-Decane
1,2-Dibromoethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Dichlorodifluoromethane
1,1-Dichloroethane
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
1,1-Dichloroethene
1,2-Dichloropropane
cis-1,3-Dichloropropene
trans-1,3-Dichloropropene
n-Dodecane
Ethanol
2-Ethylthiophene
p-Ethyltoluene
n-Heptane
Hexachlorobutadiene
2-Hexanone
Indane
Indene
Methyl tert-butyl ether
4-Methyl-2-pentanone
Methylene chloride

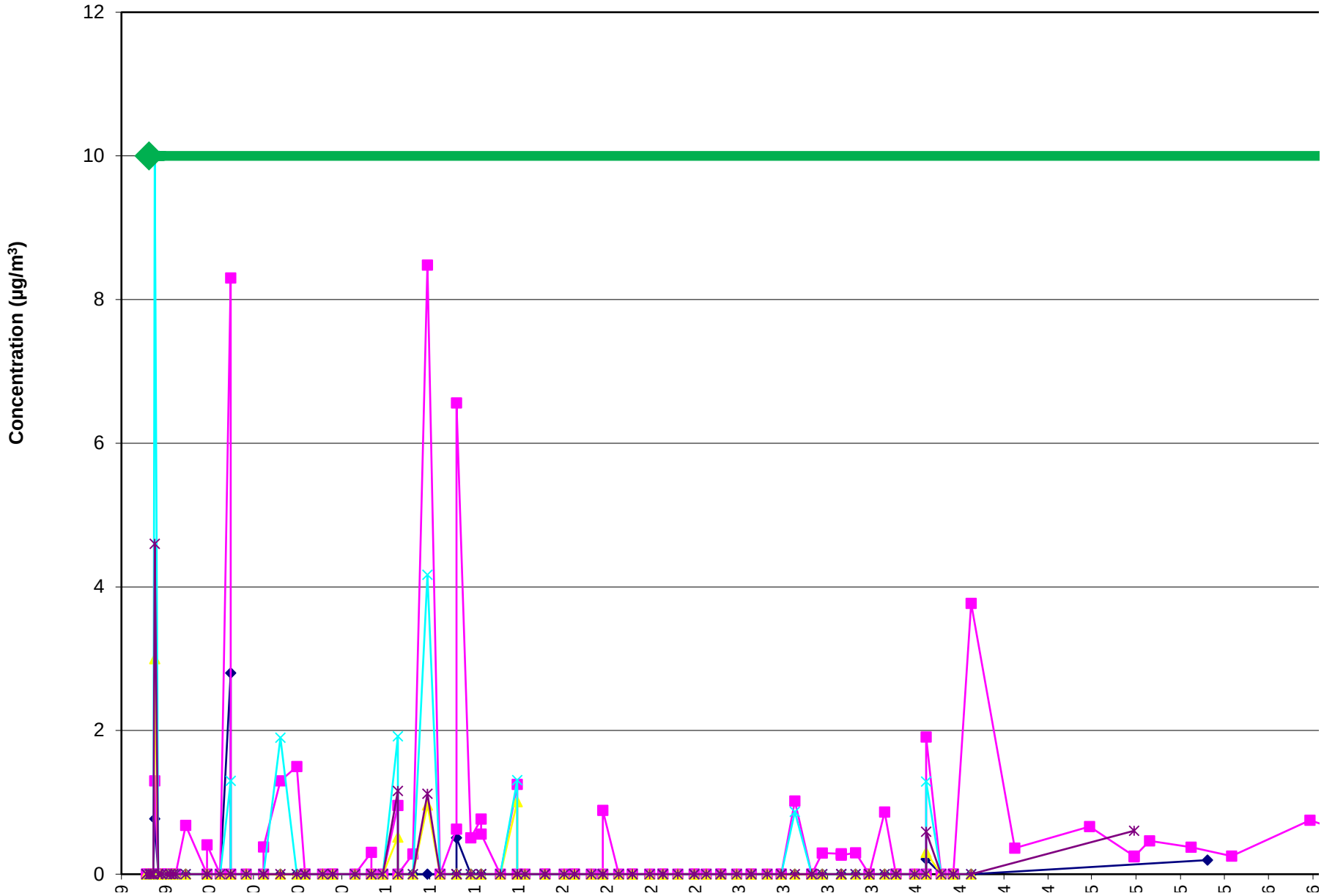
OZSV-01 BTEX



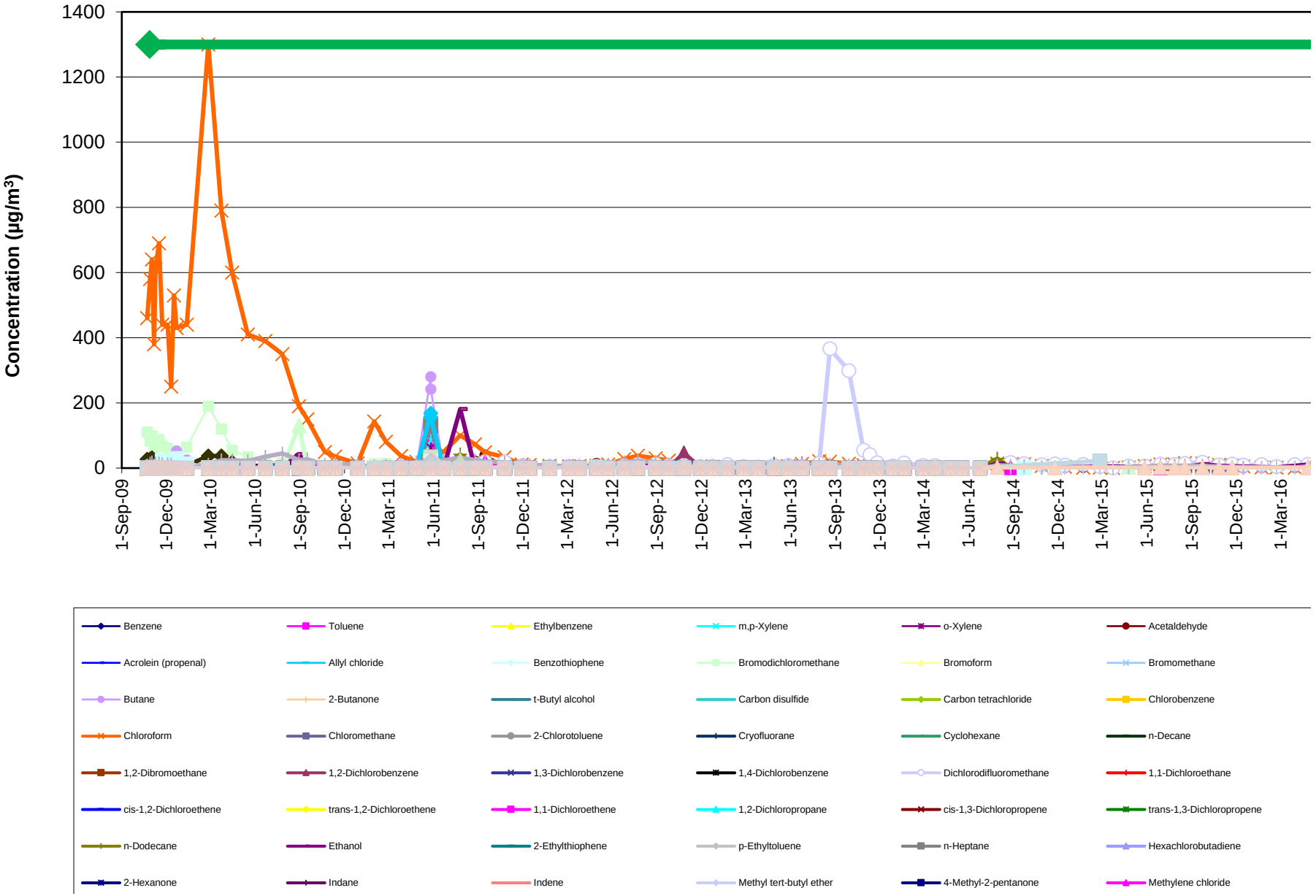
OZSV-02

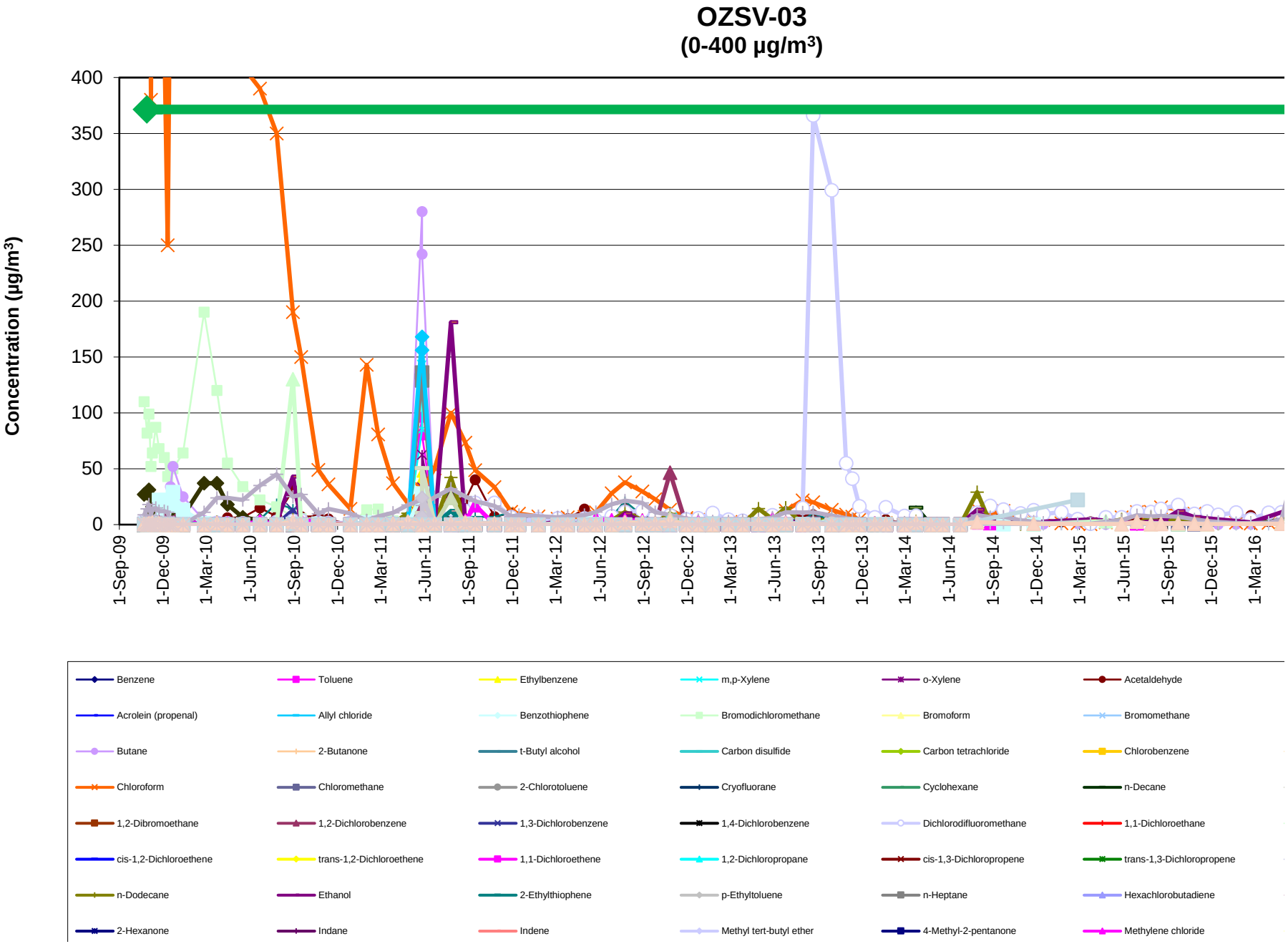

Concentration (µg/m³)
100
90
80
70
60
50
40
30
20
10
0
1-Sep-09
1-Dec-09
1-Mar-10
1-Jun-10
1-Sep-10
1-Dec-10
1-Mar-11
1-Jun-11
1-Sep-11
1-Dec-11
1-Mar-12
1-Jun-12
1-Sep-12
1-Dec-12
1-Mar-13
1-Jun-13
1-Sep-13
1-Dec-13
1-Mar-14
1-Jun-14
1-Sep-14
1-Dec-14
1-Mar-15
1-Jun-15
1-Sep-15
1-Dec-15
1-Mar-16
Benzene
Toluene
Ethylbenzene
m,p-Xylene
o-Xylene
Acetaldehyde
Acrolein (propenal)
Allyl chloride
Benzothiophene
Bromodichloromethane
Bromoform
Bromomethane
Butane
2-Butanone
t-Butyl alcohol
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
Chloroform
Chloromethane
2-Chlorotoluene
Cryofluorane
Cyclohexane
n-Decane
1,2-Dibromoethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Dichlorodifluoromethane
1,1-Dichloroethane
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
1,1-Dichloroethene
1,2-Dichloropropane
cis-1,3-Dichloropropene
trans-1,3-Dichloropropene
n-Dodecane
Ethanol
2-Ethylthiophene
p-Ethyltoluene
n-Heptane
Hexachlorobutadiene
2-Hexanone
Indane
Indene
Methyl tert-butyl ether
4-Methyl-2-pentanone
Methylene chloride

OZSV-02 BTEX

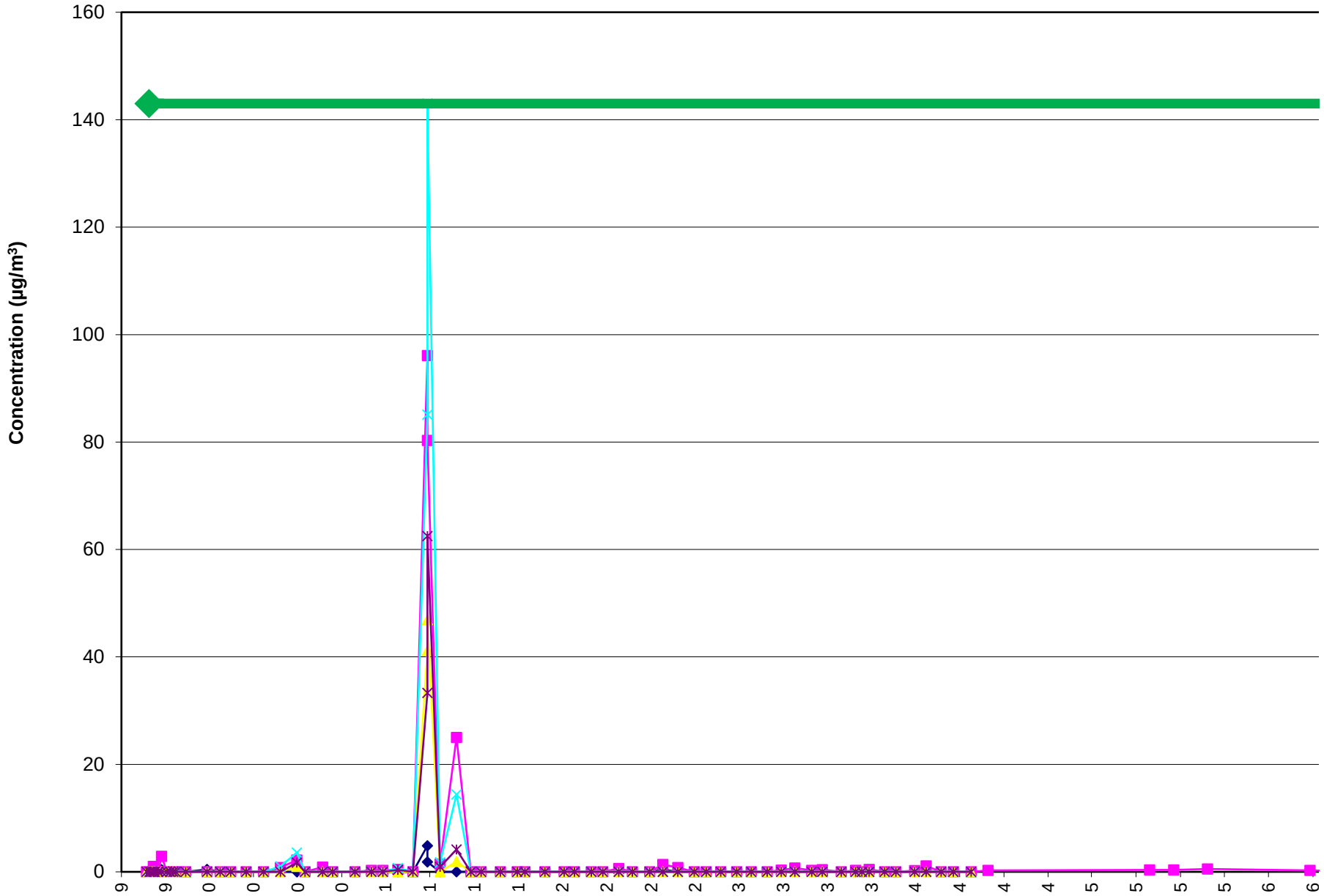


OZSV-03


Concentration (µg/m³)
1400
1200
1000
800
600
400
200
0
1-Sep-09
1-Dec-09
1-Mar-10
1-Jun-10
1-Sep-10
1-Dec-10
1-Mar-11
1-Jun-11
1-Sep-11
1-Dec-11
1-Mar-12
1-Jun-12
1-Sep-12
1-Dec-12
1-Mar-13
1-Jun-13
1-Sep-13
1-Dec-13
1-Mar-14
1-Jun-14
1-Sep-14
1-Dec-14
1-Mar-15
1-Jun-15
1-Sep-15
1-Dec-15
1-Mar-16
Benzene
Toluene
Ethylbenzene
m,p-Xylene
o-Xylene
Acetaldehyde
Acrolein (propenal)
Allyl chloride
Benzothiophene
Bromodichloromethane
Bromoform
Bromomethane
Butane
2-Butanone
t-Butyl alcohol
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
Chloroform
Chloromethane
2-Chlorotoluene
Cryofluorane
Cyclohexane
n-Decane
1,2-Dibromoethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Dichlorodifluoromethane
1,1-Dichloroethane
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
1,1-Dichloroethene
1,2-Dichloropropane
cis-1,3-Dichloropropene
trans-1,3-Dichloropropene
n-Dodecane
Ethanol
2-Ethylthiophene
p-Ethyltoluene
n-Heptane
Hexachlorobutadiene
2-Hexanone
Indane
Indene
Methyl tert-butyl ether
4-Methyl-2-pentanone
Methylene chloride


OZSV-03
(0-400 µg/m³)
Concentration (µg/m³)
400
350
300
250
200
150
100
50
0
1-Sep-09
1-Dec-09
1-Mar-10
1-Jun-10
1-Sep-10
1-Dec-10
1-Mar-11
1-Jun-11
1-Sep-11
1-Dec-11
1-Mar-12
1-Jun-12
1-Sep-12
1-Dec-12
1-Mar-13
1-Jun-13
1-Sep-13
1-Dec-13
1-Mar-14
1-Jun-14
1-Sep-14
1-Dec-14
1-Mar-15
1-Jun-15
1-Sep-15
1-Dec-15
1-Mar-16
Benzene
Toluene
Ethylbenzene
m,p-Xylene
o-Xylene
Acetaldehyde
Acrolein (propenal)
Allyl chloride
Benzothiophene
Bromodichloromethane
Bromoform
Bromomethane
Butane
2-Butanone
t-Butyl alcohol
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
Chloroform
Chloromethane
2-Chlorotoluene
Cryofluorane
Cyclohexane
n-Decane
1,2-Dibromoethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Dichlorodifluoromethane
1,1-Dichloroethane
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
1,1-Dichloroethene
1,2-Dichloropropane
cis-1,3-Dichloropropene
trans-1,3-Dichloropropene
n-Dodecane
Ethanol
2-Ethylthiophene
p-Ethyltoluene
n-Heptane
Hexachlorobutadiene
2-Hexanone
Indane
Indene
Methyl tert-butyl ether
4-Methyl-2-pentanone
Methylene chloride

OZSV-03 BTEX


Concentration (µg/m³)
160
140
120
100
80
60
40
20
0
9/9/0
0/0/0
0/1/1
1/1/2
2/2/2
2/3/3
3/3/4
4/4/4
5/5/5
5/6/6

Appendix D. OU-1 Oxygen Injection System Operational Data
Table D-1. OU-1 South Second Quarter 2017
National Grid Bay Shore/Brightwaters Former MGP Site

Weight of Oxygen Injected through Q1 2017 523,358 lbs

*IP changes made for aug/sept

Oxygen to OU-1 Union Boulevard

	Operational Days		Oxygen Injected Per Month (lbs)
Month 1	Apr-17	30	5,023
Month 2	May-17	30	5,901
Month 3	Jun-17	30	5,464
Total Operational Days in Q2 2017			90
Total Oxygen in Q2 2017 (lbs)			16,388.74
Running Total for Oxygen to OU-1 Union Boulevard after Reconfiguration Through Q2 2017 (lbs)			**539,747.08**

Notes:
SCFH (M) = Measured flow rate
SCFH (C*) = Flow rate converted for oxygen (Flow meters are calibrated for air)
CF/D (V) = Volume of oxygen injected per day
PSI (M) = Measured pressure
PSIa (P) = Pressure converted to atmospheric pressure
n = PV/RT = (lb Moles)
lbs = n*32 lb/lb mole
Temperature = Degrees Rankine
R = Constant (10.73)

System Operating Specs
Total of 7 injection banks
Oxygen is injected for 13 minutes during each injection cycle
Each Injection bank operates for 3.4 injection cycles per day
Each injection point injects oxygen for 44.5 min per day (13 min per cycle * 3.4 cycles)

Example
Bank 2 starts injection at 700AM
Bank 2 finishes injection at 713AM
System is recharging 713AM to 800AM
Bank 3 starts injection at 800AM
Bank 3 finishes injection at 813AM
System is recharging 813AM to 900AM
Bank 4 starts injection at 900AM
Bank 4 finishes injection at 913AM
System is recharging from 913AM to 1000AM
Bank 5 starts injection at 1000AM
Bank 5 finishes injection at 1013AM
System is recharging from 1013AM to 1100AM — point 59 (15)
Bank 6 starts injection at 1100AM — point 49 (62)
Bank 6 finishes injection at 1113AM
System is recharging from 1113AM to 1200PM
Bank 7 starts injection at 1200PM
Bank 7 finishes injection at 12113M
System is recharging from 1213PM to 100PM
Bank 8 starts injection at 100PM
Bank 8 finishes injection at 113PM
System is recharging from 113PM to 200PM
(Keep repeating cycle for course of day)
point 60 (15')
point 50 (62')

System Downtime
system down (4/13, 5/8, 5/19, and 5/25) due to power surge.
system down (5/18) due to bi-annual maintenance.

			4/20/2017						5/5/2017						6/20/2017					
		O_2%	89.6						90						91.5					
		R	10.73						10.73						10.73					
		Temp R (T)	627						636						631					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 1	Point 51	15	0	0.000	0.000	0	14.7	0.000	0	0.000	0.000	0.0	14.7	0.000	10	9.818	7.282	1.0	15.7	0.015
	Point 52	25	22	25.972	19.262	8	22.7	0.058	32	37.777	28.018	8.0	22.7	0.084	26	30.694	22.765	8.0	22.7	0.070
	Point 53	15	22	22.934	17.009	3	17.7	0.040	35	36.485	27.060	3.0	17.7	0.063	26	27.103	20.102	3.0	17.7	0.048
	Point 54	25	20	23.611	17.511	8	22.7	0.052	27	31.874	23.640	8.0	22.7	0.071	22	25.972	19.262	8.0	22.7	0.059
	Point 55	15	24	25.019	18.555	3	17.7	0.043	31	32.316	23.967	3.0	17.7	0.056	24	25.369	18.816	3.5	18.2	0.046
	Point 56	25	26	30.694	22.765	8	22.7	0.068	30	36.188	26.839	9.0	23.7	0.084	22	26.256	19.473	8.5	23.2	0.061
	Point 57	15	25	25.314	18.775	2	16.7	0.041	28	29.598	21.952	3.5	18.2	0.053	24	25.369	18.816	3.5	18.2	0.046
	Point 58	25	25	29.513	21.889	8	22.7	0.066	29	33.856	25.110	7.5	22.2	0.074	28	33.417	24.784	8.5	23.2	0.078
Total Oxygen Injected Per Day (lb)			**11.787**						**15.492**						**13.568**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 2	Point 47	41	26	37.398	27.737	19.0	33.7	0.123	32	44.642	33.110	17.0	31.7	0.138	28	39.975	29.648	18.5	33.2	0.133
	Point 45	26	28	39.975	29.648	18.5	33.2	0.130	30	41.187	30.547	16.0	30.7	0.124	28	39.975	29.648	18.5	33.2	0.133
	Point 48	41	29	40.457	30.006	17.0	31.7	0.126	30	41.852	31.040	17.0	31.7	0.130	30	41.852	31.040	17.0	31.7	0.133
	Point 44	26	28	39.062	28.971	17.0	31.7	0.121	32	44.642	33.110	17.0	31.7	0.138	26	36.272	26.902	17.0	31.7	0.115
	Point 46	41	26	37.398	27.737	19.0	33.7	0.123	32	45.341	33.628	18.0	32.7	0.145	26	37.398	27.737	19.0	33.7	0.126
	Point 14A	26	27	41.618	30.867	24.0	38.7	0.158	32	49.959	37.053	25.0	39.7	0.194	26	39.817	29.531	23.5	38.2	0.153
	Point 12A	41	29	43.826	32.504	22.5	37.2	0.160	32	48.034	35.625	22.0	36.7	0.173	32	48.684	36.107	23.0	37.7	0.184
	Point 16A	25	25	38.784	28.764	24.5	39.2	0.149	35	53.600	39.753	23.5	38.2	0.200	30	46.243	34.297	24.0	38.7	0.179
Total Oxygen Injected Per Day (lb)			**34.855**						**39.765**						**37.024**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 3	Point 1	41	25	33.185	24.612	14.0	28.7	0.093	32	42.477	31.504	14.0	28.7	0.119	32	42.477	31.504	14.0	28.7	0.122
	Point 4	26	23	25.613	18.997	5.5	20.2	0.051	32	35.636	26.430	5.5	20.2	0.070	32	36.074	26.755	6.0	20.7	0.075
	Point 5	41	23	29.994	22.245	13.0	27.7	0.081	33	43.421	32.204	13.5	28.2	0.120	30	39.122	29.016	13.0	27.7	0.109
	Point 8	26	24	27.381	20.307	6.5	21.2	0.057	32	36.936	27.394	7.0	21.7	0.078	34	39.244	29.106	7.0	21.7	0.085
	Point 9	41	22	28.690	21.278	13.0	27.7	0.078	32	41.731	30.950	13.0	27.7	0.113	28	36.514	27.081	13.0	27.7	0.101
	Point 12	26	23	26.240	19.461	6.5	21.2	0.054	31	35.367	26.230	6.5	21.2	0.073	30	33.820	25.083	6.0	20.7	0.070
	Point 13	41	0	0.000	0.000	0.0	14.7	0.000	0	0.000	0.000	0.0	14.7	0.000	0	0.000	0.000	0.0	14.7	0.000
	Point 16	25	27	31.874	23.640	8.0	22.7	0.071	32	36.936	27.394	7.0	21.7	0.078	28	33.055	24.516	8.0	22.7	0.075
Total Oxygen Injected Per Day (lb)			**15.519**						**20.895**						**20.419**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 4	Point 2	26	27	30.803	22.846	6.5	21.2	0.064	30	34.226	25.384	6.5	21.2	0.071	28	32.319	23.970	7.0	21.7	0.070
	Point 3	41	25	32.008	23.739	12.0	26.7	0.084	34	43.531	32.286	12.0	26.7	0.114	32	41.352	30.670	12.5	27.2	0.113
	Point 7	26	22	28.690	21.278	13.0	27.7	0.078	30	38.768	28.753	12.5	27.2	0.103	28	36.514	27.081	13.0	27.7	0.101
	Point 6	41	27	31.874	23.640	8.0	22.7	0.071	30	35.416	26.267	8.0	22.7	0.079	30	35.416	26.267	8.0	22.7	0.081
	Point 10	26	26	30.694	22.765	8.0	22.7	0.068	37	43.680	32.396	8.0	22.7	0.097	30	35.416	26.267	8.0	22.7	0.081
	Point 11	41	28	37.168	27.566	14.0	28.7	0.104	31	40.790	30.252	13.5	28.2	0.113	30	39.822	29.535	14.0	28.7	0.115
	Point 14	26	28	33.055	24.516	8.0	22.7	0.073	30	35.416	26.267	8.0	22.7	0.079	30	35.416	26.267	8.0	22.7	0.081
	Point 15	41	24	32.134	23.833	14.5	29.2	0.092	32	42.477	31.504	14.0	28.7	0.119	30	39.822	29.535	14.0	28.7	0.115
Total Oxygen Injected Per Day (lb)			**20.287**						**24.775**						**24.181**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 5	Point 17	62	34	51.727	38.364	23.0	37.7	0.191	35	53.248	39.492	23.0	37.7	0.196	26	39.556	29.337	23.0	37.7	0.150
	Point 18	41	32	40.585	30.101	11.5	26.2	0.104	37	46.926	34.804	11.5	26.2	0.120	30	38.048	28.219	11.5	26.2	0.100
	Point 19	26	30	35.024	25.976	7.5	22.2	0.076	36	41.071	30.461	6.5	21.2	0.085	30	34.627	25.682	7.0	21.7	0.075
	Point 22	22	26	29.311	21.739	6.0	20.7	0.059	34	38.329	28.427	6.0	20.7	0.078	26	29.311	21.739	6.0	20.7	0.061
	Point 24	37	28	35.849	26.588	12.0	26.7	0.094	40	51.213	37.983	12.0	26.7	0.134	30	38.410	28.487	12.0	26.7	0.103
	Point 25	22	21	23.674	17.558	6.0	20.7	0.048	33	37.202	27.591	6.0	20.7	0.075	30	33.820	25.083	6.0	20.7	0.070
	Point 59	15	24	25.716	19.072	4.0	18.7	0.047	31	33.216	24.635	4.0	18.7	0.061	26	27.859	20.662	4.0	18.7	0.052
	Point 49	62	29	43.531	32.285	22.0	36.7	0.156	34	51.036	37.852	22.0	36.7	0.183	28	42.030	31.172	22.0	36.7	0.155
Total Oxygen Injected Per Day (lb)			**24.813**						**29.853**						**24.502**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 6	Point 20	61	37	55.539	41.192	22.0	36.7	0.199	38	57.428	42.592	22.5	37.2	0.209	38	57.040	42.305	22.0	36.7	0.210
	Point 26	57	25	36.752	27.257	20.5	35.2	0.127	35	51.086	37.888	20.0	34.7	0.173	28	40.868	30.311	20.0	34.7	0.142
	Point 27	37	30	37.684	27.949	11.0	25.7	0.095	34	42.708	31.675	11.0	25.7	0.107	34	42.708	31.675	11.0	25.7	0.110
	Point 28	22	25	28.183	20.903	6.0	20.7	0.057	36	40.091	29.734	5.5	20.2	0.079	26	29.311	21.739	6.0	20.7	0.061
	Point 30	22	23	25.929	19.230	6.0	20.7	0.053	33	36.750	27.256	5.5	20.2	0.073	42	47.348	35.116	6.0	20.7	0.098
	Point 32	22	28	30.793	22.838	5.0	19.7	0.059	34	37.392	27.732	5.0	19.7	0.072	36	39.591	29.364	5.0	19.7	0.078
	Point 60	15	29	30.231	22.421	3.0	17.7	0.052	31	32.316	23.967	3.0	17.7	0.056	32	33.826	25.088	3.5	18.2	0.062
	Point 50	62	26	39.556	29.337	23.0	37.7	0.146	22	33.470	24.824	23.0	37.7	0.123	26	39.556	29.337	23.0	37.7	0.150
Total Oxygen Injected Per Day (lb)			**25.221**						**28.589**						**29.147**					

Appendix D. OU-1 Oxygen Injection System Operational Data
Table D-1. OU-1 South Second Quarter 2017
National Grid Bay Shore/Brightwaters Former MGP Site

Weight of Oxygen Injected through Q1 2017 523,358 lbs

*IP changes made for aug/sept

system down (6/20) due to cracked knockout bow.

point 21 (56')

point 62 (17')
point 61 (13')

			4/20/2017						5/5/2017						6/20/2017					
		O_2%	89.6						90						91.5					
		R	10.73						10.73						10.73					
		Temp R (T)	627						636						631					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 7	Point 21	56	28	35.849	26.588	12.0	26.7	0.094	41	52.493	38.933	12.0	26.7	0.137	44	56.334	41.781	12.0	26.7	0.151
	Point 31	22	22	24.801	18.394	6.0	20.7	0.050	39	43.966	32.608	6.0	20.7	0.089	20	22.547	16.722	6.0	20.7	0.047
	Point 33	22	24	27.056	20.066	6.0	20.7	0.055	39.5	45.064	33.422	6.5	21.2	0.093	30	33.820	25.083	6.0	20.7	0.070
	Point 34	22	22	24.801	18.394	6.0	20.7	0.050	39	43.966	32.608	6.0	20.7	0.089	28	31.565	23.411	6.0	20.7	0.066
	Point 35	22	22	24.801	18.394	6.0	20.7	0.050	37	41.711	30.936	6.0	20.7	0.084	32	36.074	26.755	6.0	20.7	0.075
	Point 36	22	26	29.311	21.739	6.0	20.7	0.059	37	41.711	30.936	6.0	20.7	0.084	28	31.565	23.411	6.0	20.7	0.066
	Point 36A	62	24	36.270	26.900	22.5	37.2	0.132	35	53.600	39.753	23.5	38.2	0.200	28	42.598	31.594	23.0	37.7	0.161
	Point 36B	41	24	31.858	23.628	14.0	28.7	0.089	37	49.963	37.056	15.0	29.7	0.145	28	37.810	28.042	15.0	29.7	0.113
Total Oxygen Injected Per Day (lb)			**18.563**						**29.548**						**23.918**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 8	Point 23	56	42	63.045	46.758	22.0	36.7	0.226	30	45.032	33.399	22.0	36.7	0.162	22	33.023	24.492	22.0	36.7	0.122
	Point 29	34	36	45.220	33.538	11.0	25.7	0.114	21	26.379	19.564	11.0	25.7	0.066	24	30.147	22.359	11.0	25.7	0.078
	Point 37	22	28	32.319	23.970	7.0	21.7	0.069	28	32.319	23.970	7.0	21.7	0.069	26	30.010	22.258	7.0	21.7	0.065
	Point 37A	62	28	43.438	32.216	24.5	39.2	0.167	25	38.784	28.764	24.5	39.2	0.149	30	46.836	34.737	25.0	39.7	0.186
	Point 37B	41	36	47.787	35.442	14.0	28.7	0.134	30	40.168	29.791	14.5	29.2	0.115	22	29.203	21.659	14.0	28.7	0.084
	Point 38	22	26	29.311	21.739	6.0	20.7	0.059	32	36.508	27.076	6.5	21.2	0.076	32	36.074	26.755	6.0	20.7	0.075
	Point 61	17	24	27.056	20.066	6.0	20.7	0.055	28	31.565	23.411	6.0	20.7	0.064	26	29.662	22.000	6.5	21.2	0.063
	Point 63	13	28	30.400	22.547	4.5	19.2	0.057	14	15.001	11.126	4.0	18.7	0.027	22	23.573	17.483	4.0	18.7	0.044
Total Oxygen Injected Per Day (lb)			**28.191**						**23.277**						**22.951**					
System Total Per Day (lb)			**167.45**						**196.70**						**182.14**					

Appendix D. OU-1 Oxygen Injection System Operational Data
Table D-2. OU-1 60/66 N. Clinton OU-3 Community Road
Second Quarter 2017
National Grid Bay Shore/Brightwaters Former MGP Site

Total Weight of Oxygen Injected through Q1 2017	673,776 lbs
Weight of Oxygen Injected through Q1 2017 (OU-1)	214,948 lbs
Weight of Oxygen Injected through Q1 2017 (OU-3)	458,829 lbs

Oxygen to OU-1 (60/66 N. Clinton)

	Operational Days		Oxygen Injected Per Month (lbs)
Month 1	Apr-17	23	1,373
Month 2	May-17	29	1,808
Month 3	Jun-17	29	1,886
Total Operational Days In Q2 2017			81
Total Oxygen in OU-1 in Q2 2017 (lbs)			5,067.06
Running Total for Oxygen to OU-1 Through Q2 2017 (lbs)			**220,014.61**

Oxygen to OU-3 (Community Road)

	Operational Days		Oxygen Injected Per Month (lbs)
Month 1	Apr-17	23	3,652
Month 2	May-17	29	5,305
Month 3	Jun-17	29	4,335
Total Operational Days In Q2 2017			81
Total Oxygen in OU-1 in Q2 2017 (lbs)			13,290.81
Running Total for Oxygen to OU-3 Through Q2 2017 (lbs)			**472,119.65**

Running Total for Oxygen System (OU-1 and OU-3) Through Q2 2017 (lbs)	**692,134.25**

Notes:

SCFH (M) = Measured flow rate
SCFH (C*) = Flow rate converted for oxygen (Flow meters are calibrated for air)
CF/D (V) = Volume of oxygen injected per day
PSI (M) = Measured pressure
PSIa (P) = Pressure converted to atmospheric pressure.
n = PV/RT = (lb Moles)
lbs = n*32 lb/lb mole
Temperature = Degrees Rankine
R = Constant (0.73)
NA* - System Not Operational

System Operating Specs

* Injection point from the original system layout. Operation will be terminated upon approval from the NYSDEC. Once terminated, Injection point 8, 9, 12, and 15 will be connected to the manifold.
Total of 5 injection banks
Banks 1 & 2: Oxygen is injected for 8 minutes during each injection cycle
Each Injection bank operates for 9.6 injection cycles per day
Each injection point injects oxygen for 76.8 min per day (8 min per cycle * 9.6 cycles)
Banks 3, 4, & 5: Oxygen is injected for 10 minutes during each injection cycle
Each Injection bank operates for 9.6 injection cycles per day
Each injection point injects oxygen for 96 min per day (10 min per cycle * 9.6 cycles)

Example

Bank 1 starts injection at 700AM
Bank 1 finishes injection at 708AM
System is recharging 708AM to 730AM
Bank 2 starts injection at 730AM
Bank 2 finishes injection at 738AM
System is recharging 738AM to 800AM
Bank 3 starts injection at 800AM
Bank 3 finishes injection at 810AM
System is recharging from 810AM to 830AM
Bank 4 starts injection at 830AM

			4/10/2017						5/9/2017						6/14/2017					
O_2%			65.8						74.1						69.4					
R			10.73						10.73						10.73					
Temp R (T)			622						618						625					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 1	Point 1A*	25	31	30.435	38.957	1.0	15.7	0.060	32	37.359	47.819	7.5	22.2	0.119	35	33.250	42.560		14.7	0.070
	Point 1B*	35	40	50.731	64.936	11.5	26.2	0.168	29	36.780	47.079	11.5	26.2	0.138	29	36.780	47.079	11.5	26.2	0.138
	Point 2A*	25	32	37.777	48.355	8.0	22.7	0.108	30	35.416	45.332	8.0	22.7	0.115	29	34.235	43.821	8.0	22.7	0.111
	Point 2B*	35	33	40.638	52.016	10.0	24.7	0.127	30	38.768	49.623	12.5	27.2	0.151	28	35.849	45.887	12.0	26.7	0.137
	Point 3A*	25	31	35.367	45.269	6.5	21.2	0.095	30	33.820	43.289	6.0	20.7	0.100	29	32.692	41.846	6.0	20.7	0.097
	Point 3B*	35	35	46.459	59.468	14.0	28.7	0.168	29	37.475	47.969	12.5	27.2	0.146	30	38.768	49.623	12.5	27.2	0.151
	Point 4A*	25	35	42.219	54.040	9.0	23.7	0.126	30	35.804	45.829	8.5	23.2	0.119	29	34.610	44.301	8.5	23.2	0.115
	Point 4B*	35	36	46.947	60.092	13.0	27.7	0.164	29	37.818	48.408	13.0	27.7	0.150	27	35.210	45.069	13.0	27.7	0.140
	Point 5A*	25	29	34.981	44.776	9.0	23.7	0.105	30	36.188	46.320	9.0	23.7	0.123	29	34.981	44.776	9.0	23.7	0.119
	Point 5B*	35	31	40.427	51.746	13.0	27.7	0.141	30	39.122	50.077	13.0	27.7	0.155	29	37.818	48.408	13.0	27.7	0.150
Total Oxygen Injected Per Day (lb)			**40.388**						**42.065**						**39.239**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 2	Point 1A	34	30	33.409	42.763	5.5	20.2	0.085	30	33.409	42.763	5.5	20.2	0.097	29	31.893	40.823	5.0	19.7	0.090
	Point 1B	36	27	31.164	39.890	7.0	21.7	0.085	30	34.627	44.323	7.0	21.7	0.107	29	34.235	43.821	8.0	22.7	0.111
	Point 2A	32	25	27.494	35.192	5.0	19.7	0.068	30	32.993	42.231	5.0	19.7	0.093	29	31.486	40.302	4.5	19.2	0.086
	Point 2B	32	30	35.416	45.332	8.0	22.7	0.101	29	34.235	43.821	8.0	22.7	0.111	29	34.235	43.821	8.0	22.7	0.111
	Point 3A	30	26	28.594	36.600	5.0	19.7	0.071	30	32.571	41.691	4.5	19.2	0.089	29	31.073	39.773	4.0	18.7	0.083
	Point 3B	30	30	36.943	47.287	10.0	24.7	0.115	30	32.571	41.691	4.5	19.2	0.089	29	35.712	45.711	10.0	24.7	0.126
	Point 4A	32	27	30.068	38.487	5.5	20.2	0.077	30	36.943	47.287	10.0	24.7	0.131	29	31.893	40.823	5.0	19.7	0.090
Total Oxygen Injected Per Day (lb)			**19.302**						**22.962**						**22.330**					
System Total Per Day (lb)			**59.69**						**65.03**						**61.57**					

Oxygen Going to OU-3 (Community Road)

		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 2	Point 16	21	25	26.061	33.358	3.0	17.7	0.058	29	31.893	40.823	5.0	19.7	0.090	30	28.693	36.727	0.2	14.9	0.061
	Point 17	21	29	32.692	41.846	6.0	20.7	0.085	27	28.930	37.030	4.0	18.7	0.077	31	35.781	45.800	7.0	21.7	0.111
	Point 29	21	30	35.416	45.332	8.0	22.7	0.101	31	37.394	47.864	9.0	23.7	0.127	29	34.235	43.821	8.0	22.7	0.111
Total Oxygen Injected Per Day (lb)			**7.842**						**9.408**						**9.068**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 3	Point 18	21	29	34.981	55.970	9.0	23.7	0.131	26	31.030	49.648	8.5	23.2	0.129	25	29.513	47.221	8.0	22.7	0.120
	Point 19A	16	32	34.743	55.589	4.5	19.2	0.105	32	35.192	56.308	5.0	19.7	0.124	29	31.073	49.717	4.0	18.7	0.104
	Point 19B	27	29	35.712	57.139	10.0	24.7	0.139	29	35.712	57.139	10.0	24.7	0.158	27	33.249	53.198	10.0	24.7	0.147
	Point 25A	16	31	31.390	50.223	2.0	16.7	0.083	30	32.145	51.431	4.0	18.7	0.107	27	25.824	41.318	0.2	14.9	0.069
	Point 26A	16	29	32.692	52.308	6.0	20.7	0.107	29	32.692	52.308	6.0	20.7	0.121	29	32.692	52.308	6.0	20.7	0.121
	Point 26B	27	32	34.287	54.860	4.0	18.7	0.101	32	35.192	56.308	5.0	19.7	0.124	8	8.572	13.715	4.0	18.7	0.029
	Point 27A	16	31	32.769	52.430	3.5	18.2	0.094	32	34.743	55.589	4.5	19.2	0.119	4	6.987	11.180	35.0	49.7	0.062
	Point 27B	27	29	36.428	58.284	11.0	25.7	0.148	29	36.428	58.284	11.0	25.7	0.167	10	12.314	19.703	10.0	24.7	0.054
	Point 28A	16	29	32.692	52.308	6.0	20.7	0.107	29	32.692	52.308	6.0	20.7	0.121	0.2	0.225	0.361	6.0	20.7	0.001
	Point 28B	27	30	38.048	60.878	11.5	26.2	0.157	29	36.428	58.284	11.0	25.7	0.167	6	7.537	12.059	11.0	25.7	0.035
Total Oxygen Injected Per Day (lb)			**37.488**						**42.811**						**23.709**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 4	Point 20A	16	30	35.024	56.038	7.5	22.2	0.123	32	35.636	57.018	5.5	20.2	0.129	21	24.239	38.782	7.0	21.7	0.094
	Point 21B	27	32	39.803	63.685	10.5	25.2	0.158	39	42.891	68.625	5.0	19.7	0.151	22	26.816	42.906	9.5	24.2	0.116
	Point 22A	16	30	34.627	55.403	7.0	21.7	0.119	30	34.627	55.403	7.0	21.7	0.134	26	30.010	48.016	7.0	21.7	0.116
	Point 22B	27	31	38.175	61.079	10.0	24.7	0.149	37	41.204	65.927	5.5	20.2	0.149	21	25.331	40.530	9.0	23.7	0.107
	Point 23A	16	29	32.692	52.308	6.0	20.7	0.107	35	38.000	60.800	4.5	19.2	0.130	21	23.095	36.952	5.0	19.7	0.081
	Point 23C	11	31	34.093	54.548	5.0	19.7	0.106	30	32.145	51.431	4.0	18.7	0.107	22	23.573	37.716	4.0	18.7	0.079
	Point 24B	27	31	39.317	62.907	11.5	26.2	0.162	32	40.585	64.936	11.5	26.2	0.190	25	31.403	50.245	11.0	25.7	0.144
	Point 31A	11	31	33.657	53.851	4.5	19.2	0.102	32	34.287	54.860	4.0	18.7	0.115	25	26.787	42.859	4.0	18.7	0.090
	Point 32B	21	32	38.191	61.105	8.5	23.2	0.140	32	37.777	60.443	8.0	22.7	0.153	22	25.972	41.555	8.0	22.7	0.105
	Point 33B	21	30	29.453	47.126	1.0	15.7	0.073	30	28.500	45.600	0.0	14.7	0.075	29	27.737	44.379	0.2	14.9	0.074
Total Oxygen Injected Per Day (lb)			**39.615**						**42.683**						**32.229**					

Appendix D. OU-1 Oxygen Injection System Operational Data
Table D-2. OU-1 60/66 N. Clinton OU-3 Community Road
Second Quarter 2017
National Grid Bay Shore/Brightwaters Former MGP Site

Total Weight of Oxygen Injected through Q1 2017	673,776 lbs
Weight of Oxygen Injected through Q1 2017 (OU-1)	214,948 lbs
Weight of Oxygen Injected through Q1 2017 (OU-3)	458,829 lbs

Bank 4 Finishes injection at 840AM
System is recharging from 840AM to 900AM
Bank 5 starts injection at 900AM
Bank 5 finishes injection at 910AM
System is recharging from 910AM to 930AM
(Keep repeating cycle for course of day)

note: in injection bank 6, Point 10, 13, and 9 were changed to Point 12, 15, and 16 respectively for the June check.

System Downtime
system down (4/1 - 4/7 and 5/4 - 5/5) due to compressor fault from refrigerated dryer freezing.
system down (4/24, 6/1, 6/2, and 6/19) due to power surge.
system down (5/11) to replace thermostat on refrigerated dryer.
system down (5/23) due to bi-annual maintenance.

			4/10/2017						5/9/2017						6/14/2017					
		O_2%	65.8						74.1						69.4					
		R	10.73						10.73						10.73					
		Temp R (T)	622						618						625					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 5	Point 20B	27	31	38.940	62.304	11.0	25.7	0.158	30	37.684	60.294	11.0	25.7	0.173	29	36.428	58.284	11.0	25.7	0.167
	Point 21A	16	31	35.781	57.250	7.0	21.7	0.122	30	34.627	55.403	7.0	21.7	0.134	29	33.473	53.557	7.0	21.7	0.130
	Point 23B	27	30	36.567	58.508	9.5	24.2	0.140	30	36.567	58.508	9.5	24.2	0.158	30	34.226	54.761	6.5	21.2	0.130
	Point 24A	16	29	33.856	54.170	7.5	22.2	0.119	29	32.692	52.308	6.0	20.7	0.121	25	28.183	45.093	6.0	20.7	0.104
	Point 25B	27	30	34.226	54.761	6.5	21.2	0.114	30	33.820	54.112	6.0	20.7	0.125	30	33.820	54.112	6.0	20.7	0.125
	Point 31B	33	31	39.317	62.907	11.5	26.2	0.162	30	38.768	62.028	12.5	27.2	0.189	35	38.977	62.363	5.5	20.2	0.141
	Point 32A	11	30	32.145	51.431	4.0	18.7	0.095	30	32.145	51.431	4.0	18.7	0.107	29	31.073	49.717	4.0	18.7	0.104
	Point 32C	33	31	40.427	64.682	13.0	27.7	0.177	31	40.427	64.682	13.0	27.7	0.200	30	38.410	61.456	12.0	26.7	0.183
	Point 33A	11	30	30.377	48.603	2.0	16.7	0.080	30	29.453	47.126	1.0	15.7	0.083	27	26.083	41.732	0.5	15.2	0.071
	Point 33C	33	30	30.377	48.603	2.0	16.7	0.080	31	29.500	47.200	0.1	14.75	0.078	30	28.981	46.369	0.5	15.2	0.079
Total Oxygen Injected Per Day (lb)			**39.903**						**43.795**						**39.492**					
Injection Bank 6	Point 4B	25	22	26.816	42.906	9.5	24.2	0.102	25	30.156	48.250	9.0	23.7	0.128	22	26.538	42.460	9.0	23.7	0.112
	Point 5A	15	21	23.095	36.952	5.0	19.7	0.072	40	43.990	70.385	5.0	19.7	0.155	22	24.195	38.712	5.0	19.7	0.085
	Point 5B	25	22	26.816	42.906	9.5	24.2	0.102	29	34.981	55.970	9.0	23.7	0.148	25	30.156	48.250	9.0	23.7	0.128
	Point 6	25	20	24.125	38.600	9.0	23.7	0.090	25	30.473	48.757	9.5	24.2	0.132	22	26.538	42.460	9.0	23.7	0.112
	Point 7	25	22	26.538	42.460	9.0	23.7	0.099	22	26.538	42.460	9.0	23.7	0.112	25	30.156	48.250	9.0	23.7	0.128
	Point 12	15	39	43.432	69.490	5.5	20.2	0.138	42	46.190	73.904	5.0	19.7	0.163	39	42.891	68.625	5.0	19.7	0.151
	Point 11	25	25	30.473	48.757	9.5	24.2	0.116	25	29.513	47.221	8.0	22.7	0.120	39	47.538	76.060	9.5	24.2	0.206
	Point 15	25	21	25.331	40.530	9.0	23.7	0.095	22	26.538	42.460	9.0	23.7	0.112	35	42.662	68.259	9.5	24.2	0.185
	Point 14	15	36	39.086	62.537	4.5	19.2	0.118	41	44.514	71.223	4.5	19.2	0.153	40	42.859	68.575	4.0	18.7	0.143
	Point 16	16	37	40.691	65.106	5.0	19.7	0.126	41	45.090	72.144	5.0	19.7	0.159	40	43.990	70.385	5.0	19.7	0.155
Total Oxygen Injected Per Day (lb)			**33.925**						**44.218**						**44.969**					
System Total Per Day (lb)			**158.77**						**182.91**						**149.47**					

Appendix D. OU-1 Oxygen Injection System Operational Data
Table D-3. OU-1 North Second Quarter 2017
National Grid Bay Shore/Brightwaters Former MGP Site

Weight of Oxygen Injected through Q1 2017 144,384 lbs

Oxygen to OU-1 North

	Operational Days		Oxygen Injected Per Month (lbs)
Month 1	Apr-17	30	2,507
Month 2	May-17	30	1,586
Month 3	Jun-17	30	3,833
Total Operational Days in Q2 2017			90
Total Oxygen in Q2 2017 (lbs)			7,926.13
Running Total for Oxygen to OU-1 North Through Q2 2017 (lbs)			**152,310.00**

Notes:
SCFH (M) = Measured flow rate
SCFH (C*) = Flow rate converted for oxygen (Flow meters are calibrated for air)
CF/D (V) = Volume of oxygen injected per day
PSI (M) = Measured pressure
PSIa (P) = Pressure converted to atmospheric pressure
n = PV/RT = (lb Moles)
lbs = n*32 lb/lb mole
Temperature = Degrees Rankine
R = Constant (10.73)

System Operating Specs
Total of 6 injection banks
Oxygen is injected for 13 minutes during each injection cycle
Each Injection bank operates for 4 injection cycles per day
Each injection point injects oxygen for 52 min per day (13 min per cycle * 4 cycles)

Example
Bank 1 starts injection at 700AM
Bank 1 finishes injection at 713AM
System is recharging 713AM to 800AM
Bank 2 starts injection at 800AM
Bank 2 finishes injection at 813AM
System is recharging 813AM to 900AM
Bank 3 starts injection at 900AM
Bank 3 finishes injection at 913AM
System is recharging from 913AM to 1000AM
Bank 4 starts injection at 1000AM
Bank 4 finishes injection at 1013AM
System is recharging from 1013AM to 1100AM
Bank 5 starts injection at 1100AM
Bank 5 finishes injection at 1113AM
System is recharging from 1113AM to 1200PM
Bank 6 starts injection at 1200PM
Bank 6 finishes injection at 12113M
System is recharging from 1213PM to 100PM
(Keep repeating cycle for course of day)

System Downtime
system down (5/18 and 5/25) due to power surge.
system down (5/19 and 5/22) due to bi-annual maintenance.

			4/24/2017						5/17/2017						6/21/2017					
		O_2%	75.7						75.5						86.6					
		R	10.73						10.73						10.73					
		Temp R (T)	636						640						644					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 1	Point 1A	10.5	28	27.924	24.201	1.5	16.2	0.043	20	20.251	17.551	2.0	16.7	0.032	30	30.377	26.327	2.0	16.7	0.055
	Point 1B	25.5	26	30.694	26.601	8.0	22.7	0.067	22	25.972	22.509	8.0	22.7	0.056	32	37.777	32.740	8.0	22.7	0.093
	Point 1C	40.5	20	27.007	23.406	15.0	29.7	0.077	24	32.408	28.087	15.0	29.7	0.092	29	39.160	33.939	15.0	29.7	0.126
	Point 1D	50.5	26	37.120	32.171	18.5	33.2	0.118	22	31.409	27.221	18.5	33.2	0.099	29	41.403	35.883	18.5	33.2	0.149
	Point 2A	10.5	16	15.957	13.829	1.5	16.2	0.025	24	23.563	20.421	1.0	15.7	0.035	10	9.500	8.233	0.0	14.7	0.015
	Point 2B	25.5	34	36.430	31.573	4.0	18.7	0.065	14	15.001	13.001	4.0	18.7	0.027	31	33.216	28.787	4.0	18.7	0.067
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**12.685**						**10.926**						**16.208**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 2	Point 2C	40.5	30	40.168	34.812	14.5	29.2	0.113	16	21.605	18.725	15.0	29.7	0.061	30	40.168	34.812	14.5	29.2	0.127
	Point 2D	50.5	28	40.275	34.905	19.0	33.7	0.130	12	17.261	14.959	19.0	33.7	0.055	37	53.221	46.125	19.0	33.7	0.195
	Point 3A	10.5	24	22.800	19.760	0.0	14.7	0.032	0	0.000	0.000	0.0	14.7	0.000	10	9.500	8.233	0.0	14.7	0.015
	Point 3B	25.5	34	39.694	34.401	7.5	22.2	0.085	10	13.041	11.302	13.0	27.7	0.034	42	49.582	42.971	8.0	22.7	0.122
	Point 3C	40.5	28	37.490	32.491	14.5	29.2	0.105	16	21.423	18.566	14.5	29.2	0.060	30	40.168	34.812	14.5	29.2	0.127
	Point 3D	50.5	32	47.706	41.345	21.5	36.2	0.166	10	14.908	12.920	21.5	36.2	0.051	37	54.777	47.474	21.0	35.7	0.212
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**20.206**						**8.384**						**25.581**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 3	Point 4A	10.5	23	24.312	21.071	3.5	18.2	0.043	10	10.126	8.776	2.0	16.7	0.016	29	30.231	26.200	3.0	17.7	0.058
	Point 4B	25.5	24	28.643	24.824	8.5	23.2	0.064	12	14.322	12.412	8.5	23.2	0.032	40	47.221	40.925	8.0	22.7	0.116
	Point 4C	40.5	22	29.456	25.529	14.5	29.2	0.083	0	0.000	0.000	13.5	28.2	0.000	50	66.946	58.020	14.5	29.2	0.212
	Point 4D	50.5	26	37.398	32.412	19.0	33.7	0.121	24	31.014	26.879	12.5	27.2	0.080	33	47.818	41.442	19.5	34.2	0.178
	Point 5A	10.5	0	0.000	0.000	0.0	14.7	0.000	0	0.000	0.000	0.0	14.7	0.000	12	11.400	9.880	0.0	14.7	0.018
	Point 5B	25.5	22	25.393	22.007	7.0	21.7	0.053	0	0.000	0.000	7.5	22.2	0.000	40	46.169	40.014	7.0	21.7	0.109
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**11.624**						**4.101**						**22.128**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 4	Point 5C	40.5	22	30.203	26.176	16.0	30.7	0.089	10	13.729	11.898	16.0	30.7	0.040	40	54.915	47.593	16.0	30.7	0.183
	Point 5D	50.5	18	25.891	22.439	19.0	33.7	0.084	16	23.014	19.946	19.0	33.7	0.074	39	56.098	48.618	19.0	33.7	0.205
	Point 6A	10.5	12	12.331	10.687	2.5	17.2	0.020	10	10.276	8.906	2.5	17.2	0.017	31	32.316	28.007	3.0	17.7	0.062
	Point 6B	25.5	26	30.354	26.307	7.5	22.2	0.065	14	16.344	14.165	7.5	22.2	0.035	40	46.698	40.472	7.5	22.2	0.113
	Point 6C	40.5	22	29.456	25.529	14.5	29.2	0.083	18	24.101	20.887	14.5	29.2	0.067	37	49.540	42.935	14.5	29.2	0.157
	Point 6D	50.5	32	44.993	38.994	17.5	32.2	0.139	20	28.338	24.560	18.0	32.7	0.088	40	56.676	49.119	18.0	32.7	0.201
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**15.365**						**10.266**						**29.491**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 5	Point 7A	10.5	0	0.000	0.000	0.0	14.7	0.000	0	0.000	0.000	0.0	14.7	0.000	0	0.000	0.000	0.0	14.7	0.000
	Point 7B	25.5	20	23.349	20.236	7.5	22.2	0.050	18	21.014	18.212	7.5	22.2	0.044	29	34.235	29.671	8.0	22.7	0.084
	Point 7C	40.5	28	38.126	33.043	15.5	30.2	0.111	24	32.680	28.323	15.5	30.2	0.094	41	55.828	48.384	15.5	30.2	0.183
	Point 7D	50.5	26	37.120	32.171	18.5	33.2	0.118	22	31.409	27.221	18.5	33.2	0.099	41	58.535	50.731	18.5	33.2	0.211
	Point 8A	10.5	18	19.027	16.490	3.5	18.2	0.033	16	16.913	14.658	3.5	18.2	0.029	29	31.893	27.641	5.0	19.7	0.068
	Point 8B	25.5	24	27.702	24.008	7.0	21.7	0.058	16	18.468	16.005	7.0	21.7	0.038	30	34.627	30.010	7.0	21.7	0.082
	Point 8C	40.5	22	28.948	25.088	13.5	28.2	0.078	22	28.690	24.864	13.0	27.7	0.076	32	42.106	36.491	13.5	28.2	0.129
	Point 8D	50.5	30	42.831	37.120	18.5	33.2	0.137	22	31.172	27.016	18.0	32.7	0.097	40	54.915	47.593	16.0	30.7	0.183
Total Oxygen Injected Per Day (lb)			**18.729**						**15.303**						**30.097**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 6	Point 9A	10.5	0	0.000	0.000	0.0	14.7	0.000	10	9.500	8.233	0.0	14.7	0.013	0	0.000	0.000	0.0	14.7	0.000
	Point 9B	25.5	28	32.689	28.330	7.5	22.2	0.070	18	21.014	18.212	7.5	22.2	0.044	20	23.085	20.007	7.0	21.7	0.054
	Point 9C	40.5	24	31.579	27.369	13.5	28.2	0.086	18	23.684	20.526	13.5	28.2	0.064	20	26.082	22.604	13.0	27.7	0.078
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**4.972**						**3.885**						**4.252**					
System Total Per Day (lb)			**83.58**						**52.87**						**127.76**					

Appendix E. OU-2 Oxygen Injection System Operational Data
Table E-1. OU-2 Garner Lane Second Quarter 2017
National Grid Bay Shore/Brightwaters Former MGP Site

Weight of Oxygen Injected through Q1 2017 1,083,983 lbs

Oxygen to OU-2 - Garner Lane

	Operational Days		Oxygen Injected Per Month (lbs)
Month 1	Apr-17	30	7,319
Month 2	May-17	31	7,176
Month 3	Jun-17	29	6,769
Total Operational Days in Q2 2017			90
Total Oxygen in Q2 2017			21,263.57
Running Total for Oxygen to Garner Lane Through Q2 2017 (lbs)			**1,105,246.50**

Notes:
SCFH (M) = Measured flow rate
SCFH (C*) = Flow rate converted for oxygen (Flow meters are calibrated for air)
CF/D (V) = Volume of oxygen injected per day
PSI (M) = Measured pressure
PSIa (P) = Pressure converted to atmospheric pressure
n = PV/RT = (lb Moles)
lbs = n*32 lb/lb mole
Temperature = Degrees Rankine
R = Constant (10.73)

System Operating Specs
Total of 6 injection banks
Oxygen is injected for 16 minutes during each injection cycle
Each injection bank operates for 4 injection cycles per day
Each injection point injects oxygen for 64 min per day (16 min per cycle * 4 cycles)

Example
Bank 1 starts injection at 700AM
Bank 1 finishes injection at 716AM
System is recharging 716AM to 800AM
Bank 2 starts injection at 800AM
Bank 2 finishes injection at 816AM
System is recharging 816AM to 900AM
Bank 3 starts injection at 900AM
Bank 3 finishes injection at 916AM
System is recharging from 916AM to 1000AM
Bank 4 starts injection at 1000AM
Bank 4 finishes injection at 1016AM
System is recharging from 1016AM to 1100AM
Bank 5 starts injection at 1100AM
Bank 5 finishes injection at 1116AM
System is recharging from 1116AM to 1200PM
Bank 6 starts injection at 1200PM
Bank 6 finishes injection at 1216PM
System is recharging from 1216PM to 100PM
(Keep repeating cycle for course of day)

System Downtime
System down (6/5 and 6/6) due to bi-annual maintenance

			4/6/2017						5/10/2017						6/7/2017					
		O_2%	86.3						86.6						84.3					
		R	10.73						10.73						10.73					
		Temp R (T)	677						646						666					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
MID PLUME Injection Bank 1	Point 1	25	26	31.692	33.805	9.5	24.2	0.097	27	32.569	34.740	9.0	23.7	0.103	32	38.600	41.174	9.0	23.7	0.122
	Point 2	25	26	30.354	32.378	7.5	22.2	0.085	27	31.521	33.623	7.5	22.2	0.093	30	35.024	37.359	7.5	22.2	0.104
	Point 3	25	24	28.333	30.222	8.0	22.7	0.082	26	30.354	32.378	7.5	22.2	0.090	28	32.689	34.868	7.5	22.2	0.097
	Point 4	25	24	28.019	29.887	7.5	22.2	0.079	27	31.164	33.242	7.0	21.7	0.090	28	32.319	34.473	7.0	21.7	0.093
	Point 5	25	26	30.354	32.378	7.5	22.2	0.085	26	30.010	32.011	7.0	21.7	0.087	30	34.627	36.936	7.0	21.7	0.100
	Point 6	25	28	33.417	35.645	8.5	23.2	0.098	25	29.837	31.826	8.5	23.2	0.092	30	35.416	37.777	8.0	22.7	0.107
	Point 7	25	26	24.700	26.347	0.0	14.7	0.046	27	25.650	27.360	0.0	14.7	0.050	26	24.700	26.347	0.0	14.7	0.048
	Point 8	25	26	30.694	32.740	8.0	22.7	0.088	26	30.010	32.011	7.0	21.7	0.087	28	32.319	34.473	7.0	21.7	0.093
	Point 9	50	36	52.165	55.643	19.5	34.2	0.226	40	58.383	62.276	20.0	34.7	0.270	40	57.536	61.372	19.0	33.7	0.258
	Point 10	25	24	27.381	29.206	6.5	21.2	0.074	25	27.494	29.327	5.0	19.7	0.072	26	30.010	32.011	7.0	21.7	0.087
	Total Oxygen Injected Per Day (lb)		**30.735**						**33.097**						**35.520**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
MID PLUME Injection Bank 2	Point 11	25	25	29.513	31.481	8.0	22.7	0.085	29	33.473	35.704	7.0	21.7	0.097	28	33.055	35.259	8.0	22.7	0.100
	Point 12	50	40	57.961	61.825	19.5	34.2	0.251	45	65.681	70.060	20.0	34.7	0.304	40	57.536	61.372	19.0	33.7	0.258
	Point 13	25	24	28.019	29.887	7.5	22.2	0.079	29	33.085	35.291	6.5	21.2	0.093	24	27.702	29.548	7.0	21.7	0.080
	Point 14	68	42	67.202	71.682	27.0	41.7	0.355	65	105.243	112.259	28.0	42.7	0.599	38	60.802	64.855	27.0	41.7	0.338
	Point 15	25	26	30.694	32.740	8.0	22.7	0.088	25	29.513	31.481	8.0	22.7	0.089	26	30.694	32.740	8.0	22.7	0.093
	Point 16	50	36	51.782	55.235	19.0	33.7	0.221	45	65.681	70.060	20.0	34.7	0.304	36	51.782	55.235	19.0	33.7	0.233
	Point 17	25	24	28.333	30.222	8.0	22.7	0.082	29	34.235	36.518	8.0	22.7	0.104	24	28.333	30.222	8.0	22.7	0.086
	Point 18	66	42	67.202	71.682	27.0	41.7	0.355	50	87.340	93.163	35.0	49.7	0.578	32	53.011	56.545	30.0	44.7	0.316
	Point 19	25	24	28.019	29.887	7.5	22.2	0.079	29	32.692	34.872	6.0	20.7	0.090	22	25.393	27.086	7.0	21.7	0.073
	Point 20	50	36	51.782	55.235	19.0	33.7	0.221	42	61.303	65.389	20.0	34.7	0.283	36	51.782	55.235	19.0	33.7	0.233
	Total Oxygen Injected Per Day (lb)		**58.113**						**81.331**						**57.897**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
MID PLUME Injection Bank 3	Point 21	27	26	31.363	33.453	9.0	23.7	0.094	29	34.981	37.313	9.0	23.7	0.110	22	26.538	28.307	9.0	23.7	0.084
	Point 22	65.5	40	66.264	70.682	30.0	44.7	0.375	69	93.173	99.385	15.0	29.7	0.369	16	26.506	28.273	30.0	44.7	0.158
	Point 23	25	25	29.513	31.481	8.0	22.7	0.085	22	25.972	27.703	8.0	22.7	0.079	22	25.972	27.703	8.0	22.7	0.079
	Point 24	50	36	51.782	55.235	19.0	33.7	0.221	43	60.927	64.988	18.0	32.7	0.266	26	37.398	39.892	19.0	33.7	0.168
	Point 25	25	26	30.694	32.740	8.0	22.7	0.088	30	33.409	35.636	5.5	20.2	0.090	22	25.972	27.703	8.0	22.7	0.079
	Point 26	25	26	30.354	32.378	7.5	22.2	0.085	31	35.781	38.167	7.0	21.7	0.103	22	25.393	27.086	7.0	21.7	0.073
	Point 27	25	26	30.354	32.378	7.5	22.2	0.085	29	32.295	34.448	5.5	20.2	0.087	22	25.684	27.396	7.5	22.2	0.076
	Point 28	25	24	28.019	29.887	7.5	22.2	0.079	29	31.073	33.145	4.0	18.7	0.077	22	25.684	27.396	7.5	22.2	0.076
	Point 29	25	26	30.694	32.740	8.0	22.7	0.088	30	35.416	37.777	8.0	22.7	0.107	18	21.250	22.666	8.0	22.7	0.064
	Point 30	25	26	30.354	32.378	7.5	22.2	0.085	29	31.893	34.019	5.0	19.7	0.084	20	23.611	25.185	8.0	22.7	0.071
	Total Oxygen Injected Per Day (lb)		**41.189**						**43.903**						**29.693**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
TAIL PLUME Injection Bank 4	Point 1	25	26	31.692	33.805	9.5	24.2	0.097	30	33.820	36.074	6.0	20.7	0.093	20	24.629	26.271	10.0	24.7	0.081
	Point 2	27	24	29.852	31.842	10.5	25.2	0.095	31	34.947	37.277	6.0	20.7	0.096	24	29.555	31.525	10.0	24.7	0.097
	Point 2A	43	24	34.006	36.273	18.0	32.7	0.141	27	38.256	40.807	18.0	32.7	0.167	24	34.006	36.273	18.0	32.7	0.148
	Point 4	35	26	33.906	36.167	13.0	27.7	0.119	31	36.597	39.036	8.0	22.7	0.111	22	28.690	30.602	13.0	27.7	0.106
	Point 5	35	26	33.906	36.167	13.0	27.7	0.119	30	32.993	35.192	5.0	19.7	0.087	20	26.082	27.820	13.0	27.7	0.096
	Point 6	40	28	38.441	41.003	16.0	30.7	0.150	30	34.627	36.936	7.0	21.7	0.100	20	27.458	29.288	16.0	30.7	0.112
	Point 7	45	26	36.839	39.295	18.0	32.7	0.153	30	33.409	35.636	5.5	20.2	0.090	18	25.111	26.785	17.0	31.7	0.106
	Point 8	45	24	34.265	36.549	18.5	33.2	0.144	30	42.507	45.341	18.0	32.7	0.185	22	31.172	33.250	18.0	32.7	0.136
	Point 9	45	24	34.006	36.273	18.0	32.7	0.141	30	40.510	43.211	15.0	29.7	0.160	20	28.338	30.227	18.0	32.7	0.123
	Point 10	45	26	36.839	39.295	18.0	32.7	0.153	30	34.627	36.936	7.0	21.7	0.100	22	30.691	32.738	17.0	31.7	0.130
	Total Oxygen Injected Per Day (lb)		**41.965**						**38.064**						**36.356**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
TAIL PLUME Injection Bank 5	Point 11	45	26	37.120	39.595	18.5	33.2	0.156	21	29.981	31.980	18.5	33.2	0.133	28	39.369	41.993	17.5	32.2	0.169
	Point 4A	43	24	33.216	35.431	16.5	31.2	0.131	25	34.322	36.610	16	30.7	0.140	26	35.985	38.383	16.5	31.2	0.150
	Point 13	45	24	34.265	36.549	18.5	33.2	0.144	25	34.877	37.202	17.0	31.7	0.147	26	37.120	39.595	18.5	33.2	0.164
	Point 14	40	24	32.949	35.146	16.0	30.7	0.128	25	34.322	36.610	16.0	30.7	0.140	26	35.695	38.075	16.0	30.7	0.146
	Point 15	35	24	31.858	33.982	14.0	28.7	0.116	25	33.185	35.398	14.0	28.7	0.127	24	31.858	33.982	14.0	28.7	0.122
	Point 16	35	24	32.680	34.858	15.5	30.2	0.125	25	33.759	36.009	15.0	29.7	0.134	26	35.109	37.449	15.0	29.7	0.139
	Point 17	35	24	31.858	33.982	14.0	28.7	0.116	20	26.316	28.070	13.5	28.2	0.099	26	33.906	36.167	13.0	27.7	0.125
	Point 18	35	26	34.211	36.491	13.5	28.2	0.122	22	29.203	31.150	14.0	28.7	0.112	24	31.298	33.384	13.0	27.7	0.116
	Point 19	35	24	31.579	33.684	13.5	28.2	0.113	21	27.632	29.474	13.5	28.2	0.104	26	33.906	36.167	13.0	27.7	0.125
	Point 20	30	24	30.147	32.157	11.0	25.7	0.098	25	31.403	33.497	11.0	25.7	0.108	24	30.147	32.157	11.0	25.7	0.103
	Total Oxygen Injected Per Day (lb)		**39.997**						**39.787**						**43.480**					

Appendix E. OU-2 Oxygen Injection System Operational Data
Table E-1. OU-2 Garner Lane Second Quarter 2017
National Grid Bay Shore/Brightwaters Former MGP Site

Weight of Oxygen Injected through Q1 2017 1,083,983 lbs

			4/6/2017						5/10/2017						6/7/2017					
		O_2%	86.3						86.6						84.3					
		R	10.73						10.73						10.73					
		Temp R (T)	677						646						666					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
TAIL PLUME Injection Bank 6	Point 6A	43	24	32.949	35.146	16.0	30.7	0.128	22	30.203	32.217	16.0	30.7	0.124	22	30.203	32.217	16.0	30.7	0.124
	Point 22	30	25	31.403	33.497	11.0	25.7	0.102	21	26.379	28.137	11.0	25.7	0.090	22	27.635	29.477	11.0	25.7	0.095
	Point 23	30	22	27.635	29.477	11.0	25.7	0.090	22	27.635	29.477	11.0	25.7	0.095	20	25.122	26.797	11.0	25.7	0.086
	Point 24	25	24	28.950	30.880	9.0	23.7	0.087	20	23.869	25.461	8.5	23.2	0.074	20	24.125	25.733	9.0	23.7	0.076
	Point 25	25	24	32.949	35.146	16.0	30.7	0.128	22	30.203	32.217	16.0	30.7	0.124	22	30.203	32.217	16.0	30.7	0.124
	Point 26	25	24	29.555	31.525	10.0	24.7	0.093	20	24.629	26.271	10.0	24.7	0.081	22	27.092	28.898	10.0	24.7	0.089
	Point 27	25	24	29.254	31.204	9.5	24.2	0.090	20	24.125	25.733	9.0	23.7	0.076	22	26.816	28.604	9.5	24.2	0.086
	Point 27A	26	24	30.147	32.157	11.0	25.7	0.098	20	25.122	26.797	11.0	25.7	0.086	20	25.122	26.797	11.0	25.7	0.086
	Point 27B	35	22	27.635	29.477	11.0	25.7	0.090	21	26.379	28.137	11.0	25.7	0.090	22	28.430	30.325	12.5	27.2	0.103
	Point 27C	35	24	29.555	31.525	10.0	24.7	0.093	21	25.860	27.584	10.0	24.7	0.085	20	24.877	26.535	10.5	25.2	0.084
Total Oxygen Injected Per Day (lb)			**31.952**						**29.590**						**30.474**					
System Total Per Day (lb)			**243.95**						**265.77**						**233.42**					

Appendix E. OU-2 Oxygen Injection System Operational Data
E-2. 9 North Clinton Second Quarter 2017
National Grid Bay Shore/Brightwaters Former MGP Site

Weight of Oxygen Injected through Q1 2017: 440,944 lbs

Oxygen to OU-2 - 9 North Clinton

	Operational Days		Oxygen Injected Per Month (lbs)
Month 1	Apr-17	30	1,981
Month 2	May-17	30	5,914
Month 3	Jun-17	29	3,728
Total Operational Days in Q2 2017			89
Total Oxygen in Q2 2017			11,623.20
Running Total for Oxygen to 9 North Clinton Through Q2 2017 (lbs)			**452,567.50**

Notes:
SCFH (M) = Measured flow rate
SCFH (C*) = Flow rate converted for oxygen (Flow meters are calibrated for air)
CF/D (V) = Volume of oxygen injected per day
PSI (M) = Measured pressure
PSIa (P) = Pressure converted to atmospheric pressure
n = PV/RT = (lb Moles)
lbs = n*32 lb/lb mole
Temperature = Degrees Rankine
R = Constant (10.73)

System Operating Specs
Total of 6 injection banks
Oxygen is injected for 13 minutes during each injection cycle
Each injection bank operates for 3.1 injection cycles per day
Each injection point injects oxygen for 40 min per day (13 min per cycle * 3.1 cycles)

Example
Bank 1 starts injection at 700AM
Bank 1 finishes injection at 713AM
System is recharging 713AM to 800AM
Bank 2 starts injection at 800AM
Bank 2 finishes injection at 813AM
System is recharging 813AM to 900AM
Bank 3 starts injection at 900AM
Bank 3 finishes injection at 913AM
System is recharging from 913AM to 1000AM
Bank 4 starts injection at 1000AM
Bank 4 finishes injection at 1013AM
System is recharging from 1013AM to 1100AM
Bank 5 starts injection at 1100AM
Bank 5 finishes injection at 1113AM
System is recharging from 1113AM to 1200PM
Bank 6 starts injection at 1200PM
Bank 6 finishes injection at 1213PM
System is recharging from 1213PM to 100PM
(Keep repeating cycle for course of day)

** Due to the request of the property owner, the system will not inject during the hours of 800AM and 830AM and 1100AM and 400PM.
The oxygen weights have been adjusted to incorporate this schedule.

System Downtime
System down (5/25) due to bi-annual maintenance
System down (5/26, 6/2, 6/8 - 6/16, and 6/27) due to the breaker tripping for the booster pump.

			4/18/2017						5/26/2017						6/27/2017					
		O_2%	84.3						80.9						89.6					
		R	10.73						10.73						10.73					
		Temp R (T)	637						634						618					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 1	Point 1A	30	18	22.610	15.073	11.0	25.7	0.048	46	57.782	38.521	11.0	25.7	0.118	39	48.989	32.659	11.0	25.7	0.113
	Point 7A	30	18	22.166	14.777	10.0	24.7	0.045	48	59.704	39.803	10.5	25.2	0.119	41	50.489	33.659	10.0	24.7	0.112
	Point 7B	64	18	28.278	18.852	25.5	40.2	0.094	46	72.714	48.476	26.0	40.7	0.235	35	54.985	36.657	25.5	40.2	0.199
	Point 13A	25	20	23.085	15.390	7.0	21.7	0.041	46	53.095	35.397	7.0	21.7	0.091	45	51.941	34.627	7.0	21.7	0.102
	Point 13B	52	26	37.949	25.299	20.0	34.7	0.108	44	64.683	43.122	20.5	35.2	0.181	36	52.545	35.030	20.0	34.7	0.164
	Point 19A	25	22	25.972	17.314	8.0	22.7	0.049	48	57.286	38.191	8.5	23.2	0.105	39	46.545	31.030	8.5	23.2	0.097
	Point 19B	44	18	25.111	16.741	17.0	31.7	0.065	46	64.677	43.118	17.5	32.2	0.165	39	54.408	36.272	17.0	31.7	0.155
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**14.397**						**32.447**						**30.185**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 2	Point 2A	32	16	20.485	13.657	12.0	26.7	0.045	50	64.016	42.678	12.0	26.7	0.136	41	52.983	35.322	12.5	27.2	0.130
	Point 8A	45	18	25.111	16.741	17.0	31.7	0.065	44	61.865	41.243	17.5	32.2	0.158	40	55.803	37.202	17.0	31.7	0.159
	Point 8B	64	22	34.347	22.898	25.0	39.7	0.112	44	69.124	46.083	25.5	40.2	0.220	29	45.275	30.183	25.0	39.7	0.162
	Point 8C	25	12	14.010	9.340	7.5	22.2	0.026	52	60.708	40.472	7.5	22.2	0.107	42	49.033	32.689	7.5	22.2	0.098
	Point 14A	25	16	19.095	12.730	8.5	23.2	0.036	46	54.899	36.600	8.5	23.2	0.101	49	59.106	39.404	9.0	23.7	0.126
	Point 14B	52	16	23.185	15.456	19.5	34.2	0.065	46	67.141	44.761	20.0	34.7	0.185	38	55.063	36.709	19.5	34.2	0.170
	Point 20A	25	14	16.344	10.896	7.5	22.2	0.030	48	56.666	37.777	8.0	22.7	0.102	40	47.221	31.481	8.0	22.7	0.097
	Point 20B	42	18	24.712	16.475	16.0	30.7	0.062	42	58.129	38.753	16.5	31.2	0.144	39	53.543	35.695	16.0	30.7	0.148
Total Oxygen Injected Per Day (lb)			**14.150**						**36.865**						**34.867**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 3	Point 3A	25	10	11.675	7.783	7.5	22.2	0.021	60	70.048	46.698	7.5	22.2	0.123	36	42.499	28.333	8.0	22.7	0.087
	Point 3B	35	10	12.803	8.536	12.0	26.7	0.028	54	69.138	46.092	12.0	26.7	0.146	30	38.410	25.607	12.0	26.7	0.092
	Point 9A	45	14	19.376	12.918	16.5	31.2	0.050	54	74.737	49.825	16.5	31.2	0.185	31	42.559	28.373	16.0	30.7	0.118
	Point 9B	64	20	30.427	20.285	23.0	37.7	0.094	44	66.495	44.330	22.5	37.2	0.196	31	46.849	31.233	22.5	37.2	0.157
	Point 9C	25	10	11.675	7.783	7.5	22.2	0.021	62	72.382	48.255	7.5	22.2	0.127	31	36.191	24.127	7.5	22.2	0.072
	Point 15A	25	18	21.250	14.166	8.0	22.7	0.040	54	63.749	42.499	8.0	22.7	0.115	32	37.777	25.185	8.0	22.7	0.077
	Point 15B	44	16	21.966	14.644	16.0	30.7	0.055	54	73.530	49.020	15.5	30.2	0.176	30	40.850	27.233	15.5	30.2	0.111
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**9.921**						**34.201**						**22.871**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 4	Point 4A	25	12.0	14.166	9.444	8.0	22.7	0.026	42	49.582	33.055	8.0	22.7	0.089	32	37.777	25.185	8.0	22.7	0.077
	Point 4B	39	12.0	15.929	10.619	14.0	28.7	0.038	36	47.787	31.858	14.0	28.7	0.109	49	65.043	43.362	14.0	28.7	0.168
	Point 10A	45	18.0	24.912	16.608	16.5	31.2	0.064	28	38.753	25.835	16.5	31.2	0.096	40	57.536	38.357	19.0	33.7	0.175
	Point 10B	64	16.0	25.136	16.757	25.5	40.2	0.083	38	59.698	39.799	25.5	40.2	0.190	52	82.199	54.799	26.0	40.7	0.301
	Point 10C	25	12.0	14.166	9.444	8.0	22.7	0.026	36	42.965	28.643	8.5	23.2	0.079	30	35.416	23.611	8.0	22.7	0.072
	Point 16A	25	10	11.675	7.783	7.5	22.2	0.021	38	44.363	29.576	7.5	22.2	0.078	31	36.191	24.127	7.5	22.2	0.072
	Point 16B	47	14	19.837	13.224	18.0	32.7	0.053	38	53.842	35.895	18.0	32.7	0.140	40	55.803	37.202	17.0	31.7	0.159
Total Oxygen Injected Per Day (lb)			**9.993**						**24.985**						**32.818**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 5	Point 5A	25	0	0.000	0.000	7.5	22.2	0.000	54	63.043	42.029	7.5	22.2	0.111	29	33.473	22.315	7.0	21.7	0.065
	Point 5B	42	16	21.423	14.282	14.5	29.2	0.051	50	66.946	44.631	14.5	29.2	0.155	30	39.822	26.548	14.0	28.7	0.103
	Point 11A	45	10	13.951	9.300	17.0	31.7	0.036	50	69.753	46.502	17.0	31.7	0.175	29	39.814	26.542	16.0	30.7	0.110
	Point 11B	64	10	15.414	10.276	24.0	38.7	0.049	50	77.071	51.381	24.0	38.7	0.236	30	45.943	30.629	23.5	38.2	0.158
	Point 17A	25	12	14.166	9.444	8.0	22.7	0.026	54	63.749	42.499	8.0	22.7	0.115	30	35.024	23.349	7.5	22.2	0.070
	Point 17B	45	10	14.060	9.373	17.5	32.2	0.037	50	70.301	46.867	17.5	32.2	0.179	29	40.137	26.758	16.5	31.2	0.113
	Point 21A	25	10	11.805	7.870	8.0	22.7	0.022	54	64.447	42.965	8.5	23.2	0.119	29	34.235	22.824	8.0	22.7	0.070
Total Oxygen Injected Per Day (lb)			**7.125**						**34.894**						**22.062**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 6	Point 6A	30	10	11.805	7.870	8.0	22.7	0.022	100	118.053	78.702	8.0	22.7	0.212	32	37.777	25.185	8.0	22.7	0.077
	Point 6B	52	12	17.388	11.592	19.5	34.2	0.049	46	66.655	44.437	19.5	34.2	0.181	35	50.344	33.563	19.0	33.7	0.153
	Point 12A	25	12	14.010	9.340	7.5	22.2	0.026	44	51.943	34.629	8.0	22.7	0.093	40	46.698	31.132	7.5	22.2	0.093
	Point 12B	54	14	20.871	13.914	21.5	36.2	0.062	42	62.614	41.742	21.5	36.2	0.180	39	57.738	38.492	21.0	35.7	0.186
	Point 18A	25	18	21.250	14.166	8.0	22.7	0.040	44	51.943	34.629	8.0	22.7	0.093	40	48.250	32.167	9.0	23.7	0.103
	Point 18B	45	20	27.901	18.601	17.0	31.7	0.073	42	58.593	39.062	17.0	31.7	0.147	50	69.753	46.502	17.0	31.7	0.199
	Point 21B	42	16	21.966	14.644	16.0	30.7	0.055	44	60.407	40.271	16.0	30.7	0.147	62	84.423	56.282	15.5	30.2	0.230
Total Oxygen Injected Per Day (lb)			**10.452**						**33.732**						**33.312**					
System Total Per Day (lb)			**66.04**						**197.12**						**176.11**					

Appendix E. OU-2 Oxygen Injection System Operational Data
E-3. 34 North Clinton Second Quarter 2017
National Grid Bay Shore/Brightwaters Former MGP Site

Weight of Oxygen Injected through Q1 2017 555,232 lbs

Oxygen to OU-2 - 34 North Clinton

	Operational Days		Oxygen Injected Per Month (lbs)
Month 1	Apr-17	30	6,035
Month 2	May-17	31	5,834
Month 3	Jun-17	30	5,348
Total Operational Days in Q2 2017			91
Total Oxygen in Q2 2017			17,216.43
Running Total for Oxygen to 34 North Clinton Through Q2 2017 (lbs)			**572,448.43**

Notes:
SCFH (M) = Measured flow rate
SCFH (C*) = Flow rate converted for oxygen (Flow meters are calibrated for air)
CF/D (V) = Volume of oxygen injected per day
PSI (M) = Measured pressure
PSIa (P) = Pressure converted to atmospheric pressure
n = PV/RT = (lb Moles)
lbs = n*32 lb/lb mole
Temperature = Degrees Rankine
R = Constant (10.73)

System Operating Specs
Total of 6 injection banks
Oxygen is injected for 13 minutes during each injection cycle
Each injection bank operates for 4 injection cycles per day
Each injection point injects oxygen for 52 min per day (13 min per cycle * 4 cycles)

Example
Bank 1 starts injection at 700AM
Bank 1 finishes injection at 713AM
System is recharging 713AM to 800AM
Bank 2 starts injection at 800AM
Bank 2 finishes injection at 813AM
System is recharging 813AM to 900AM
Bank 3 starts injection at 900AM
Bank 3 finishes injection at 913AM
System is recharging from 913AM to 1000AM
Bank 4 starts injection at 1000AM
Bank 4 finishes injection at 1013AM
System is recharging from 1013AM to 1100AM
Bank 5 starts injection at 1100AM
Bank 5 finishes injection at 1113AM
System is recharging from 1113AM to 1200PM
Bank 6 starts injection at 1200PM
Bank 6 finishes injection at 1213PM
System is recharging from 1213PM to 100PM
(Keep repeating cycle for course of day)

System was down for 13 days due to Booster pump malfunctioning; electrical contactor and controller malfunctioning; O2 booster tank pressure sensor malfunctioning

			4/19/2017						5/23/2017						6/13/2017					
		O_2%	76.6						77.1						81.8					
		R	10.73						10.73						10.73					
		Temp R (T)	618						595						605					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 1	Point 1A	65	59	92.111	79.830	25.0	39.7	0.366	0	0.000	0.000	26.0	40.7	0.000	47	74.295	64.389	26.0	40.7	0.330
	Point 1B	45	42	58.593	50.780	17.0	31.7	0.186	31	43.924	38.067	18.0	32.7	0.150	41	57.647	49.961	17.5	32.2	0.203
	Point 2	30	39	50.859	44.078	13.0	27.7	0.141	38	49.555	42.948	13.0	27.7	0.144	36	46.521	40.318	12.5	27.2	0.138
	Point 13A	65	51	79.119	68.569	24.5	39.2	0.310	26	40.077	34.733	24.0	38.7	0.162	12	18.616	16.134	24.5	39.2	0.080
	Point 13B	45	36	49.424	42.834	16.0	30.7	0.152	35	48.051	41.644	16.0	30.7	0.154	30	41.187	35.695	16.0	30.7	0.138
	Point 14	30	25	30.786	26.681	10.0	24.7	0.076	39	48.026	41.623	10.0	24.7	0.124	22	27.092	23.479	10.0	24.7	0.073
	Point 25A	45	32	40.970	35.508	12.0	26.7	0.110	29	37.129	32.179	12.0	26.7	0.104	37	49.114	42.566	14.0	28.7	0.154
	Point 25B	30	14	17.240	14.941	10.0	24.7	0.043	32	40.196	34.836	11.0	25.7	0.108	29	36.071	31.262	10.5	25.2	0.099
Total Oxygen Injected Per Day (lb)			**44.280**						**30.296**						**38.886**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 2	Point 3A	65	30	46.243	40.077	24.0	38.7	0.179	70	107.200	92.907	23.5	38.2	0.429	70	107.899	93.513	25.0	39.7	0.468
	Point 3B	45	30	40.510	35.109	15.0	29.7	0.120	30	40.510	35.109	15.0	29.7	0.126	39	52.663	45.641	10.0	24.7	0.142
	Point 4	30	20	24.629	21.345	10.0	24.7	0.061	32	40.196	34.836	11.0	25.7	0.108	23	28.323	24.547	24.0	38.7	0.120
	Point 15A	65	22	33.911	29.390	24.0	38.7	0.131	22	33.691	29.199	23.5	38.2	0.135	21	32.370	28.054	16.5	31.2	0.110
	Point 15B	45	19	26.085	22.607	16.0	30.7	0.080	39	54.408	47.153	17.0	31.7	0.181	23	31.576	27.366	9.5	24.2	0.083
	Point 16	30	25	30.156	26.136	9.0	23.7	0.072	41	49.975	43.312	9.5	24.2	0.127	23	27.744	24.045	10.5	25.2	0.076
	Point 26A	45	37	48.685	42.193	13.5	28.2	0.137	30	40.510	35.109	15.0	29.7	0.126	39	51.316	44.474	15.0	29.7	0.166
	Point 26B	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**24.994**						**39.371**						**37.315**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 3	Point 5A	65	30	48.288	41.850	27.5	42.2	0.204	22	35.411	30.690	27.5	42.2	0.156	29	46.401	40.215	27.0	41.7	0.211
	Point 5B	45	39	54.408	47.153	17.0	31.7	0.173	30	41.852	36.272	17.0	31.7	0.139	25	34.600	29.987	16.5	31.2	0.118
	Point 6	30	39	46.545	40.339	8.5	23.2	0.108	20	23.869	20.687	8.5	23.2	0.058	25	29.837	25.858	8.5	23.2	0.076
	Point 17A	65	60	93.081	80.670	24.5	39.2	0.365	43	66.708	57.813	24.5	39.2	0.274	30	46.243	40.077	24.0	38.7	0.195
	Point 17B	45	32	44.289	38.383	16.5	31.2	0.138	33	45.673	39.583	16.5	31.2	0.149	29	39.814	34.505	16.0	30.7	0.133
	Point 18	30	25	30.786	26.681	10.0	24.7	0.076	30	36.943	32.017	10.0	24.7	0.096	24	29.555	25.614	10.0	24.7	0.080
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**34.065**						**27.890**						**26.030**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 4	Point 7A	65	55	87.473	75.810	26.5	41.2	0.361	31	48.397	41.944	25.0	39.7	0.201	31	49.303	42.729	26.5	41.2	0.222
	Point 7B	45	35	48.827	42.317	17.0	31.7	0.155	32	43.211	37.449	15.0	29.7	0.134	27	37.667	32.645	17.0	31.7	0.130
	Point 8	30	25	31.403	27.216	11.0	25.7	0.081	29	36.428	31.571	11.0	25.7	0.098	21	26.121	22.638	10.5	25.2	0.072
	Point 19A	65	62	98.606	85.459	26.5	41.2	0.407	40	63.617	55.135	26.5	41.2	0.274	25	39.519	34.250	26.0	40.7	0.176
	Point 19B	45	40	55.803	48.362	17.0	31.7	0.177	32	44.642	38.690	17.0	31.7	0.148	25	30.786	26.681	10.0	24.7	0.083
	Point 20	30	29	36.071	31.262	10.5	25.2	0.091	29	36.071	31.262	10.5	25.2	0.095	30	40.510	35.109	15.0	29.7	0.131
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**40.684**						**30.431**						**26.054**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 5	Point 9A	65	37	59.202	51.308	27.0	41.7	0.247	31	49.601	42.988	27.0	41.7	0.216	30	47.713	41.351	26.5	41.2	0.215
	Point 9B	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Point 10	30	22	27.092	23.479	10.0	24.7	0.067	29	35.712	30.950	10.0	24.7	0.092	29	35.712	30.950	10.0	24.7	0.096
	Point 21A	65	65	102.115	88.500	25.5	40.2	0.411	34	53.081	46.004	25.0	39.7	0.221	32	49.959	43.297	25.0	39.7	0.217
	Point 21B	45	39	53.977	46.780	16.5	31.2	0.169	31	43.247	37.481	17.0	31.7	0.143	31	42.905	37.184	16.5	31.2	0.146
	Point 22	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**28.599**						**21.531**						**21.561**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 6	Point 11A	65	36	56.907	49.319	26.0	40.7	0.232	35	55.665	48.243	26.5	41.2	0.240	30	47.422	41.099	26.0	40.7	0.211
	Point 11B	45	25	34.600	29.987	16.5	31.2	0.108	31	43.247	37.481	17.0	31.7	0.143	30	41.852	36.272	17.0	31.7	0.145
	Point 12	30	26	32.340	28.028	10.5	25.2	0.082	23	28.608	24.794	10.5	25.2	0.075	25	31.096	26.950	10.5	25.2	0.086
	Point 23	65	39	61.649	53.429	26.0	40.7	0.251	50	79.037	68.499	26.0	40.7	0.337	30	47.422	41.099	26.0	40.7	0.211
	Point 24A	55	26	38.761	33.593	21.5	36.2	0.140	50	71.920	62.331	19.0	33.7	0.254	25	37.270	32.301	21.5	36.2	0.147
	Point 24B	30	25	31.096	26.950	10.5	25.2	0.078	47	59.038	51.166	11.0	25.7	0.159	26	32.340	28.028	10.5	25.2	0.089
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**28.533**						**38.660**						**28.428**					
System Total Per Day (lb)			**201.16**						**188.18**						**178.27**					

Appendix E. OU-2 Oxygen Injection System Operational Data
Table E-4. 33 North Clinton Second Quarter 2017
National Grid Bay Shore/Brightwaters Former MGP Site

Weight of Oxygen Injected through Q1 2017: 637,964 lbs

Oxygen to OU-2 - 33 North Clinton

	Operational Days		Oxygen Injected Per Month (lbs)
Month 1	Apr-17	17	2,674
Month 2	May-17	30	5,414
Month 3	Jun-17	30	6,747
Total Operational Days in Q2 2017			77
Total Oxygen in Q2 2017			14,834.88
Running Total for Oxygen to 33 North Clinton Through Q2 2017 (lbs)			**652,798.88**

Notes:
SCFH (M) = Measured flow rate
SCFH (C*) = Flow rate converted for oxygen (Flow meters are calibrated for air)
CF/D (V) = Volume of oxygen injected per day
PSI (M) = Measured pressure
PSIa (P) = Pressure converted to atmospheric pressure.
n = PV/RT = (lb Moles)
lbs = n*32 lb/lb mole
Temperature = Degrees Rankine
R = Constant (10.73)

System Operating Specs
Total of 8 injection banks
Oxygen is injected for 13 minutes during each injection cycle
Each injection bank operates for 3 injection cycles per day
Each injection point injects oxygen for 39 min per day (13 min per cycle * 3 cycles)

Example
Bank 1 starts injection at 700AM
Bank 1 finishes injection at 713AM
System is recharging 713AM to 800AM
Bank 2 starts injection at 800AM
Bank 2 finishes injection at 813AM
System is recharging 813AM to 900AM
Bank 3 starts injection at 900AM
Bank 3 finishes injection at 913AM
System is recharging from 913AM to 1000AM
Bank 4 starts injection at 1000AM
Bank 4 finishes injection at 1013AM
System is recharging from 1013AM to 1100AM
Bank 5 starts injection at 1100AM
Bank 5 finishes injection at 1113AM
System is recharging from 1113AM to 1200PM
Bank 6 starts injection at 1200PM
Bank 6 finishes injection at 1213PM
System is recharging from 1213PM to 100PM
Bank 7 starts injection at 100PM
Bank 7 finishes injection at 113PM
System is recharging from 113PM to 200PM
Bank 8 starts injection at 200PM
Bank 8 finishes injection at 213PM
System is recharging from 213PM to 300PM
(Keep repeating cycle for course of day)

system down for 1 day in october (10/26-10-27) due to maintenance
system down for 3 days in december (12/4-12/7) due to broken compressor air line.

			4/27/2017						5/15/2017						6/20/2017					
		O_2%	92.6						92.2						96.5					
		R	10.73						10.73						10.73					
		Temp R (T)	672						673						672					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 1	Point 1A	62	16	24.342	15.822	23.0	37.7	0.077	10	15.214	9.889	23.0	37.7	0.048	20	30.629	19.909	23.5	38.2	0.102
	Point 1B	46	16	21.966	14.278	16.0	30.7	0.056	18	24.712	16.063	16.0	30.7	0.063	12	16.204	10.533	15.0	29.7	0.042
	Point 6A	65	28	42.880	27.872	23.5	38.2	0.137	26	39.556	25.711	23.0	37.7	0.124	8	11.709	7.611	25.0	39.7	0.040
	Point 6B	46	18	24.912	16.193	16.5	31.2	0.065	20	27.680	17.992	16.5	31.2	0.072	25	33.185	21.570	14.0	28.7	0.083
	Point 11	46	20	27.680	17.992	16.5	31.2	0.072	22	30.691	19.949	17.0	31.7	0.081	21	25.331	16.465	9.0	23.7	0.052
	Point 35	41	38	50.000	32.500	13.5	28.2	0.118	42	55.264	35.921	13.5	28.2	0.129	32	42.106	27.369	13.5	28.2	0.103
	Point 40	41	16	21.053	13.684	13.5	28.2	0.050	22	29.203	18.982	14.0	28.7	0.070	22	26.538	17.249	9.0	23.7	0.055
	Point 45	31	18	21.713	14.113	9.0	23.7	0.043	22	26.816	17.430	9.5	24.2	0.054	12	13.029	8.469	4.5	19.2	0.022
Total Oxygen Injected Per Day (lb)			**19.738**						**20.464**						**15.965**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 2	Point 2A	67	10	15.807	10.275	26.0	40.7	0.054	10	15.612	10.148	25.0	39.7	0.051	55	86.941	56.512	26.0	40.7	0.308
	Point 2B	46	22	30.448	19.791	16.5	31.2	0.079	30	41.521	26.988	16.5	31.2	0.108	20	27.680	17.992	16.5	31.2	0.075
	Point 7A	65	26	40.335	26.218	24.5	39.2	0.132	12	18.497	12.023	24.0	38.7	0.059	32	49.959	32.473	25.0	39.7	0.173
	Point 7B	41	24	33.482	21.763	17.0	31.7	0.089	30	42.181	27.417	17.5	32.2	0.113	21	28.595	18.587	15.5	30.2	0.075
	Point 12	46	20	27.680	17.992	16.5	31.2	0.072	30	41.521	26.988	16.5	31.2	0.108	25	32.306	20.999	12.5	27.2	0.076
	Point 36	36	40	50.245	32.659	11.0	25.7	0.108	30	37.684	24.494	11.0	25.7	0.080	30	37.684	24.494	11.0	25.7	0.084
	Point 41	41	20	26.548	17.256	14.0	28.7	0.064	30	39.822	25.885	14.0	28.7	0.095	22	29.203	18.982	14.0	28.7	0.073
	Point 46	46	22	27.902	18.136	11.5	26.2	0.061	30	38.048	24.731	11.5	26.2	0.083	25	31.096	20.212	10.5	25.2	0.068
Total Oxygen Injected Per Day (lb)			**21.059**						**22.289**						**29.836**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 3	Point 3A	65	14	21.994	14.296	25.5	40.2	0.074	10	15.710	10.212	25.5	40.2	0.052	40	63.230	41.099	26.0	40.7	0.224
	Point 3B	46	18	24.712	16.063	16.0	30.7	0.063	20	27.680	17.992	16.5	31.2	0.072	29	39.814	25.879	16.0	30.7	0.106
	Point 8A	71	0	0.000	0.000	25.0	39.7	0.000	10	15.612	10.148	25.0	39.7	0.051	42	69.187	44.972	29.5	44.2	0.266
	Point 8B	46	18	24.912	16.193	16.5	31.2	0.065	40	55.361	35.985	16.5	31.2	0.143	30	41.521	26.988	16.5	31.2	0.113
	Point 32A	63.5	22	33.691	21.899	23.5	38.2	0.107	10	15.414	10.019	24.0	38.7	0.050	21	32.785	21.310	25.0	39.7	0.113
	Point 32B	36	20	25.366	16.488	11.5	26.2	0.055	42	53.268	34.624	11.5	26.2	0.116	15	19.024	12.366	11.5	26.2	0.043
	Point 37	41	30	39.474	25.658	13.5	28.2	0.093	66	87.609	56.946	14.0	28.7	0.209	40	53.096	34.513	14.0	28.7	0.133
	Point 42	36	20	25.366	16.488	11.5	26.2	0.055	42	53.774	34.953	12.0	26.7	0.119	22	28.167	18.309	12.0	26.7	0.065
Total Oxygen Injected Per Day (lb)			**16.426**						**25.985**						**34.031**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 4	Point 4A	69	22	34.562	22.465	25.5	40.2	0.116	10	15.612	10.148	25.0	39.7	0.051	90	143.138	93.040	26.5	41.2	0.513
	Point 4B	46	10	13.951	9.068	17.0	31.7	0.037	22	30.691	19.949	17.0	31.7	0.081	15	20.593	13.386	16.0	30.7	0.055
	Point 9A	71	24	36.994	24.046	24.0	38.7	0.120	22	33.911	22.042	24.0	38.7	0.109	90	140.509	91.331	25.0	39.7	0.485
	Point 9B	46	14	19.376	12.595	16.5	31.2	0.050	22	30.691	19.949	17.0	31.7	0.081	25	33.185	21.570	14.0	28.7	0.083
	Point 33	42	28	37.168	24.159	14.0	28.7	0.089	50	66.371	43.141	14.0	28.7	0.158	29	38.495	25.022	14.0	28.7	0.096
	Point 38	36	16	20.293	13.190	11.5	26.2	0.044	24	30.439	19.785	11.5	26.2	0.066	10	12.561	8.165	11.0	25.7	0.028
	Point 43	31	16	19.503	12.677	9.5	24.2	0.039	22	26.538	17.249	9.0	23.7	0.052	10	12.063	7.841	9.0	23.7	0.025
	Point 48	55	12	17.515	11.385	20.0	34.7	0.051	32	46.369	30.140	19.5	34.2	0.132	24	35.030	22.770	20.0	34.7	0.106
Total Oxygen Injected Per Day (lb)			**17.485**						**23.357**						**44.509**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 5	Point 5A	67	22	34.130	22.184	24.5	39.2	0.112	20	31.224	20.296	25.0	39.7	0.103	55	79.112	51.423	19.0	33.7	0.232
	Point 5B	45	18	24.712	16.063	16.0	30.7	0.063	22	30.448	19.791	16.5	31.2	0.079	29	35.712	23.213	10.0	24.7	0.077
	Point 10	56	24	35.030	22.770	20.0	34.7	0.101	22	32.341	21.022	20.5	35.2	0.094	41	50.489	32.818	10.0	24.7	0.108
	Point 34	36	38	49.555	32.211	13.0	27.7	0.115	44	57.380	37.297	13.0	27.7	0.132	40	52.163	33.906	13.0	27.7	0.126
	Point 39	26	22	25.393	16.506	7.0	21.7	0.046	22	25.393	16.506	7.0	21.7	0.046	20	23.611	15.347	8.0	22.7	0.047
	Point 44	41	20	25.366	16.488	11.5	26.2	0.055	22	27.902	18.136	11.5	26.2	0.061	21	43.441	28.237	55.0	69.7	0.263
	Point 47	55	18	25.891	16.829	19.0	33.7	0.073	20	28.981	18.837	19.5	34.2	0.082	27	37.068	24.094	16.0	30.7	0.099
	Point 49	55	16	23.353	15.180	20.0	34.7	0.068	22	32.111	20.872	20.0	34.7	0.092	30	40.850	26.552	15.5	30.2	0.107
Total Oxygen Injected Per Day (lb)			**20.256**						**22.055**						**10.000**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 6	Point 16	40	18	24.510	15.931	15.5	30.2	0.062	18	24.510	15.931	15.5	30.2	0.061	21	27.876	18.119	14.0	28.7	0.070
	Point 19	40	22	29.456	19.147	14.5	29.2	0.072	22	29.707	19.310	15.0	29.7	0.073	25	33.759	21.943	15.0	29.7	0.087
	Point 22	40	24	32.134	20.887	14.5	29.2	0.078	26	34.812	22.628	14.5	29.2	0.084	10	13.503	8.777	15.0	29.7	0.035
	Point 25A	60	16	24.503	15.927	23.5	38.2	0.078	36	55.131	35.835	23.5	38.2	0.175	40	61.657	40.077	24.0	38.7	0.208
	Point 25B	29	22	27.092	17.610	10.0	24.7	0.056	24	29.852	19.404	10.5	25.2	0.062	10	12.314	8.004	10.0	24.7	0.026
	Point 28	50	24	34.522	22.439	19.0	33.7	0.097	34	48.906	31.789	19.0	33.7	0.137	29	41.714	27.114	19.0	33.7	0.122
	Point 31A	69	10	15.710	10.212	25.5	40.2	0.053	10	15.807	10.275	26.0	40.7	0.053	60	96.577	62.775	27.5	42.2	0.355
	Point 31B	40	20	27.007	17.554	15.0	29.7	0.067	32	43.211	28.087	15.0	29.7	0.107	12	16.204	10.533	15.0	29.7	0.042

Appendix E. OU-2 Oxygen Injection System Operational Data
Table E-4. 33 North Clinton Second Quarter 2017
National Grid Bay Shore/Brightwaters Former MGP Site

Weight of Oxygen Injected through Q1 2017 637,964 lbs

			4/27/2017						5/15/2017						6/20/2017					
		O_2%	92.6						92.2						96.5					
		R	10.73						10.73						10.73					
		Temp R (T)	672						673						672					
Total Oxygen Injected Per Day (lb)			**18.006**						**24.093**						**30.221**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 7	Point 14	39	26	35.403	23.012	15.5	30.2	0.089	24	32.680	21.242	15.5	30.2	0.082	25	28.183	18.319	6.0	20.7	0.051
	Point 17	40	22	28.690	18.648	13.0	27.7	0.066	22	28.690	18.648	13.0	27.7	0.066	29	31.893	20.730	5.0	19.7	0.055
	Point 20	40	24	32.134	20.887	14.5	29.2	0.078	22	29.707	19.310	15.0	29.7	0.073	22	25.393	16.506	7.0	21.7	0.048
	Point 23	40	24	32.134	20.887	14.5	29.2	0.078	22	29.456	19.147	14.5	29.2	0.071	20	22.547	14.655	6.0	20.7	0.041
	Point 26A	60	26	39.817	25.881	23.5	38.2	0.127	30	45.641	29.667	23.0	37.7	0.143	42	61.303	39.847	20.0	34.7	0.185
	Point 26B	29	24	31.298	20.344	13.0	27.7	0.072	22	28.690	18.648	13.0	27.7	0.066	20	26.082	16.953	13.0	27.7	0.063
	Point 29A	66	18	28.453	18.495	26.0	40.7	0.097	28	43.988	28.592	25.5	40.2	0.147	61	96.426	62.677	26.0	40.7	0.341
	Point 29B	40	20	27.007	17.554	15.0	29.7	0.067	20	27.007	17.554	15.0	29.7	0.067	22	27.365	17.787	10.5	25.2	0.060
Total Oxygen Injected Per Day (lb)			**21.606**						**22.865**						**26.983**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 8	Point 13	40	22	29.957	19.472	15.5	30.2	0.076	22	29.707	19.310	15.0	29.7	0.073	21	23.095	15.012	5.0	19.7	0.040
	Point 15	40	24	32.408	21.065	15.0	29.7	0.080	22	29.957	19.472	15.5	30.2	0.075	22	24.801	16.121	6.0	20.7	0.045
	Point 50	55	28	40.573	26.372	19.5	34.2	0.116	26	37.675	24.489	19.5	34.2	0.107	50	72.979	47.437	20.0	34.7	0.220
	Point 21	40	20	26.548	17.256	14.0	28.7	0.064	22	29.203	18.982	14.0	28.7	0.070	20	23.085	15.005	7.0	21.7	0.044
	Point 24	55	30	44.414	28.869	21.0	35.7	0.132	20	29.609	19.246	21.0	35.7	0.088	60	87.575	56.924	20.0	34.7	0.264
	Point 27A	65	16	24.503	15.927	23.5	38.2	0.078	10	14.060	9.139	17.5	32.2	0.038	42	59.053	38.384	17.5	32.2	0.165
	Point 27B	33	20	25.845	16.799	12.5	27.2	0.059	22	28.690	18.648	13.0	27.7	0.066	21	26.887	17.476	12.0	26.7	0.062
	Point 30	50	26	37.398	24.309	19.0	33.7	0.105	22	31.645	20.569	19.0	33.7	0.089	48	69.043	44.878	19.0	33.7	0.202
Total Oxygen Injected Per Day (lb)			**22.710**						**19.346**						**33.367**					
System Total Per Day (lb)			**157.29**						**180.45**						**224.91**					

Appendix F. OU-3 Oxygen Injection System Operational Data
Table F-1. OU-3 87 Community Second Quarter 2017
National Grid Bay Shore/Brightwaters Former MGP Site

Weight of Oxygen Injected through Q1 2017: 168,554 lbs

Oxygen to OU-3 - 87 Community

	Operational Days		Injected Per Month (lbs)
Month 1	Apr-17	30	4,371
Month 2	May-17	30	2,497
Month 3	Jun-17	27	2,994
Total Operational Days in Q2 2017			87
Total Oxygen in Q2 2017 (lbs)			9,861.58
Running Total for Oxygen to 87 Community Rd Through Q2 2017 (lbs)			**178,415.72**

Notes:
SCFH (M) = Measured flow rate
SCFH (C*) = Flow rate converted for oxygen (Flow meters are calibrated for air)
CF/D (V) = Volume of oxygen injected per day
PSI (M) = Measured pressure
PSIa (P) = Pressure converted to atmospheric pressure
n = PV/RT = (lb Moles)
lbs = n*32 lb/lb mole
Temperature = Degrees Rankine
R = Constant (10.73)

System Operating Specs
Total of 7 injection banks
Oxygen is injected for 13 minutes during each injection cycle
Each injection bank operates for 4 injection cycles per day
Each injection point injects oxygen for 52 min per day (13 min per cycle * 4 cycles)

Example
Bank 1 starts injection at 700AM
Bank 1 finishes injection at 713AM
System is recharging 713AM to 800AM
Bank 2 starts injection at 800AM
Bank 2 finishes injection at 813AM
System is recharging 813AM to 900AM
Bank 3 starts injection at 900AM
Bank 3 finishes injection at 913AM
System is recharging from 913AM to 1000AM
Bank 4 starts injection at 1000AM
Bank 4 finishes injection at 1013AM
System is recharging from 1013AM to 1100AM
Bank 5 starts injection at 1100AM
Bank 5 finishes injection at 1113AM
System is recharging from 1113AM to 1200PM

Bank 6 starts injection at 1200PM
Bank 6 finishes injection at 1213PM
System is recharging from 1213PM to 100PM
Bank 7 starts injection at 100PM
Bank 7 finishes injection at 113pm
(Keep repeating cycle for course of day)

			4/12/2017						5/3/2017						6/5/2017					
		O_2%	84.1						56.6						64.1					
		R	10.73						10.73						10.73					
		Temp R (T)	618						616						618					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 1	Point 1A	11	31	33.657	29.170	4.5	19.2	0.071	30	32.145	27.859	4.0	18.7	0.045	29	31.073	26.930	4.0	18.7	0.049
	Point 1B	21	33	39.384	34.133	8.5	23.2	0.100	28	33.055	28.648	8.0	22.7	0.056	30	35.804	31.030	8.5	23.2	0.070
	Point 1C	31	35	45.643	39.557	13.0	27.7	0.139	26	33.599	29.119	12.5	27.2	0.068	30	39.122	33.906	13.0	27.7	0.091
	Point 2A	11	32	34.287	29.716	4.0	18.7	0.070	24	25.716	22.287	4.0	18.7	0.036	30	39.822	34.513	14.0	28.7	0.096
	Point 2B	21	31	38.559	33.418	10.5	25.2	0.107	30	36.943	32.017	10.0	24.7	0.068	30	36.943	32.017	10.0	24.7	0.076
	Point 2C	31	33	42.251	36.617	12.0	26.7	0.124	32	40.585	35.174	11.5	26.2	0.079	34	44.339	38.427	13.0	27.7	0.103
	Point 3A	11	31	34.093	29.547	5.0	19.7	0.074	28	30.400	26.347	4.5	19.2	0.043	29	31.486	27.288	4.5	19.2	0.051
	Point 3B	21	30	35.804	31.030	8.5	23.2	0.091	28	33.055	28.648	8.0	22.7	0.056	29	34.235	29.671	8.0	22.7	0.065
Total Oxygen Injected Per Day (lb)			**24.858**						**14.382**						**19.197**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 2	Point 3C	31	30	39.822	34.513	14.0	28.7	0.126	30	39.122	33.906	13.0	27.7	0.080	30	39.122	33.906	13.0	27.7	0.091
	Point 4A	11	30	32.993	28.594	5.0	19.7	0.071	24	26.057	22.583	4.5	19.2	0.037	29	31.893	27.641	5.0	19.7	0.053
	Point 4B	21	32	37.777	32.740	8.0	22.7	0.094	28	32.689	28.330	7.5	22.2	0.054	30	35.416	30.694	8.0	22.7	0.067
	Point 4C	31	29	38.158	33.070	13.5	28.2	0.118	28	36.514	31.646	13.0	27.7	0.075	30	38.768	33.599	12.5	27.2	0.088
	Point 5A	11	27	28.930	25.073	4.0	18.7	0.059	22	23.573	20.430	4.0	18.7	0.033	29	31.073	26.930	4.0	18.7	0.049
	Point 5B	21	27	32.223	27.927	8.5	23.2	0.082	26	30.694	26.601	8.0	22.7	0.052	27	32.223	27.927	8.5	23.2	0.063
	Point 5C	31	29	38.495	33.362	14.0	28.7	0.121	24	31.014	26.879	12.5	27.2	0.063	29	37.818	32.776	13.0	27.7	0.088
	Point 6A	11	29	31.893	27.641	5.0	19.7	0.069	24	25.716	22.287	4.0	18.7	0.036	29	31.486	27.288	4.5	19.2	0.051
Total Oxygen Injected Per Day (lb)			**23.735**						**13.734**						**17.563**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 3	Point 6B	21	31	36.191	31.366	7.5	22.2	0.088	27	31.164	27.009	7.0	21.7	0.050	30	34.627	30.010	7.0	21.7	0.063
	Point 6C	31	32	41.731	36.167	13.0	27.7	0.127	27	34.891	30.239	12.5	27.2	0.070	35	46.053	39.913	13.5	28.2	0.109
	Point 7A	11	27	30.068	26.059	5.5	20.2	0.067	25	27.494	23.828	5.0	19.7	0.040	30	32.993	28.594	5.0	19.7	0.054
	Point 7B	21	31	36.597	31.717	8.0	22.7	0.091	28	33.055	28.648	8.0	22.7	0.056	31	36.597	31.717	8.0	22.7	0.070
	Point 7C	31	31	40.427	35.036	13.0	27.7	0.123	26	33.906	29.385	13.0	27.7	0.070	31	40.427	35.036	13.0	27.7	0.094
	Point 8A	16	34	38.329	33.219	6.0	20.7	0.087	28	31.182	27.024	5.5	20.2	0.047	32	35.636	30.885	5.5	20.2	0.060
	Point 8B	26	31	38.175	33.085	10.0	24.7	0.104	30	36.943	32.017	10.0	24.7	0.068	31	38.175	33.085	10.0	24.7	0.079
	Point 8C	36	35	46.459	40.265	14.0	28.7	0.147	28	37.168	32.212	14.0	28.7	0.079	33	43.805	37.964	14.0	28.7	0.105
Total Oxygen Injected Per Day (lb)			**26.686**						**15.355**						**20.296**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 4	Point 9A	16	32	35.192	30.500	5.0	19.7	0.076	25	27.494	23.828	5.0	19.7	0.040	31	34.093	29.547	5.0	19.7	0.056
	Point 9B	26	44	52.512	45.511	8.5	23.2	0.134	24	28.333	24.555	8.0	22.7	0.048	32	38.191	33.099	8.5	23.2	0.074
	Point 9C	36	45	59.211	51.316	13.5	28.2	0.184	22	28.948	25.088	13.5	28.2	0.061	35	45.643	39.557	13.0	27.7	0.106
	Point 10A	16	32	33.826	29.316	3.5	18.2	0.068	26	27.484	23.819	3.5	18.2	0.037	33	34.401	29.814	3.0	17.7	0.051
	Point 10B	26	41	50.489	43.757	10.0	24.7	0.137	26	32.017	27.748	10.0	24.7	0.059	31	38.175	33.085	10.0	24.7	0.079
	Point 10C	36	39	51.316	44.474	13.5	28.2	0.159	24	31.579	27.369	13.5	28.2	0.066	37	48.685	42.193	13.5	28.2	0.115
	Point 11A	16	31	34.523	29.920	5.5	20.2	0.077	25	27.494	23.828	5.0	19.7	0.040	35	38.492	33.359	5.0	19.7	0.064
	Point 11B	26	36	43.881	38.030	9.5	24.2	0.117	30	36.567	31.692	9.5	24.2	0.066	35	42.662	36.974	9.5	24.2	0.086
Total Oxygen Injected Per Day (lb)			**30.426**						**13.321**						**20.207**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 5	Point 11C	36	31	41.150	35.663	14.0	28.7	0.130	30	39.822	34.513	14.0	28.7	0.085	25	33.185	28.761	14.0	28.7	0.080
	Point 12A	16	27	30.438	26.379	6.0	20.7	0.069	30	32.993	28.594	5.0	19.7	0.048	43	47.290	40.984	5.0	19.7	0.078
	Point 12B	26	31	36.597	31.717	8.0	22.7	0.091	30	35.024	30.354	7.5	22.2	0.058	32	37.777	32.740	8.0	22.7	0.072
	Point 12C	36	27	35.527	30.790	13.5	28.2	0.110	30	39.122	33.906	13.0	27.7	0.080	31	40.427	35.036	13.0	27.7	0.094
	Point 15A	15	29	32.692	28.333	6	20.7	0.074	28	31.182	27.024	5.5	20.2	0.047	30	33.820	29.311	6	20.7	0.059
	Point 15B	30	29	36.780	31.876	11.5	26.2	0.106	28	35.512	30.777	11.5	26.2	0.069	31	39.317	34.074	11.5	26.2	0.086
	Point 16A	15	30	35.416	30.694	8	22.7	0.088	28	32.319	28.009	7	21.7	0.052	33	39.384	34.133	8.5	23.2	0.077
	Point 16B	30	30	38.410	33.288	12	26.7	0.113	26	33.288	28.850	12	26.7	0.066	30	38.410	33.288	12	26.7	0.086
Total Oxygen Injected Per Day (lb)			**25.020**						**16.160**						**20.189**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 6	Point 13A	16	30	33.409	28.954	5.5	20.2	0.074	30	33.409	28.954	5.5	20.2	0.050	31	34.523	29.920	5.5	20.2	0.058
	Point 13B	26	31	38.175	33.085	10.0	24.7	0.104	30	36.943	32.017	10.0	24.7	0.068	35	43.100	37.354	10.0	24.7	0.089
	Point 13C	36	32	42.477	36.814	14.0	28.7	0.134	30	39.822	34.513	14.0	28.7	0.085	34	45.523	39.454	14.5	29.2	0.111
	Point 14A	16	27	30.438	26.379	6.0	20.7	0.069	30	33.409	28.954	5.5	20.2	0.050	32	36.074	31.265	6.0	20.7	0.063
	Point 14B	26	30	37.315	32.340	10.5	25.2	0.103	28	34.480	29.883	10.0	24.7	0.063	31	38.559	33.418	10.5	25.2	0.081
	Point 14C	36	27	36.151	31.331	14.5	29.2	0.116	32	42.846	37.133	14.5	29.2	0.093	31	41.507	35.972	14.5	29.2	0.102
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Oxygen Injected Per Day (lb)			**19.215**						**13.080**						**16.143**					
		Depth	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	=PV/RT lbs O	SCFH (M)	SCFH (C*)	CF/D (V)	PSI (M)	PSIa (P)	n=PV/RT lbs O2
Injection Bank 7	Point 17A	15	30	37.684	32.659	11.0	25.7	0.106	22	27.635	23.950	11.0	25.7	0.053	31	38.940	33.748	11.0	25.7	0.084
	Point 17B	30	25	26.787	23.215	4.0	18.7	0.055	24	26.057	22.583	4.5	19.2	0.037	27	29.694	25.734	5.0	19.7	0.049
	Point 18A	15	30	33.820	29.311	6.0	20.7	0.077	24	27.056	23.448	6.0	20.7	0.042	27	30.438	26.379	6.0	20.7	0.053
	Point 18B	30	31	38.940	33.748	11.0	25.7	0.110	26	32.659	28.305	11.0	25.7	0.062	30	37.684	32.659	11.0	25.7	0.081
	Point 19A	15	46	49.288	42.717	4.0	18.7	0.101	26	28.229	24.465	4.5	19.2	0.040	29	31.486	27.288	4.5	19.2	0.051
	Point 19B	30	10	12.561	10.886	11.0	25.7	0.035	32	39.803	34.496	10.5	25.2	0.074	29	36.071	31.262	10.5	25.2	0.076
	Point 20A	15	20	22.547	19.540	6	20.7	0.051	22	24.801	21.494	6	20.7	0.038	30	33.820	29.311	6	20.7	0.059
	Point 20B	30	30	38.410	33.288	12	26.7	0.113	28	35.849	31.069	12	26.7	0.071	31	40.427	35.036	13	27.7	0.094
Total Oxygen Injected Per Day (lb)			**20.777**						**13.360**						**17.473**					
System Total Per Day (lb)			**145.70**						**83.23**						**110.88**					

Appendix G. Table G-1
Summary of Groundwater Parameter Data
OU-1 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2008												2009			
		Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Jul-06	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09
pH (SU)																	
OU2MW-57S	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	OU-1 Union Boulevard	6.23	--	--	--	--	6.35	--	--	6.14	--	--	6.39	--	--	5.86	--
OZMW-16I	OU-1 Union Boulevard	--	--	--	--	--	5.54	--	--	5.86	--	--	6.14	--	--	5.74	--
OZMW-16I2	OU-1 Union Boulevard	5.25	--	--	--	--	5.08	--	--	5.37	--	--	5.46	--	--	5.06	--
OZMW-16D	OU-1 Union Boulevard	--	5.65	--	--	--	5.04	--	--	4.99	--	--	5.04	--	--	4.62	--
OZMW-17S	OU-1 Union Boulevard	6.42	--	6.60	6.59	6.54	6.61	--	6.58	6.48	6.99	6.44	6.92	6.62	6.49	6.38	6.65
OZMW-17I	OU-1 Union Boulevard	6.69	--	6.97	6.71	6.67	6.75	--	6.73	6.68	6.78	6.10	6.98	6.82	6.57	6.19	6.31
OZMW-17I2	OU-1 Union Boulevard	6.09	--	6.65	6.06	6.03	5.96	--	5.92	0.19	6.00	5.77	6.34	5.92	5.80	5.62	5.81
OZMW-17D	OU-1 Union Boulevard	--	5.31	5.73	5.44	5.36	5.28	--	5.35	5.28	6.07	6.00	5.77	5.40	5.33	5.12	5.44
OZMW-18S	OU-1 Union Boulevard	6.34	--	--	--	--	6.25	--	--	5.78	--	--	6.38	--	--	5.86	--
OZMW-18I	OU-1 Union Boulevard	6.55	--	--	--	--	6.37	--	--	5.84	--	--	6.50	--	--	6.05	--
OZMW-18I2	OU-1 Union Boulevard	6.35	--	--	--	--	6.46	--	--	7.76	--	--	6.43	--	--	6.07	--
OZMW-18D	OU-1 Union Boulevard	--	5.83	--	--	--	6.14	--	--	5.71	--	--	5.91	--	--	5.27	--
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conductivity (mS/cm)																	
OU2MW-57S	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	OU-1 Union Boulevard	0.440	--	--	--	--	0.822	--	--	0.968	--	--	0.551	--	--	0.710	--
OZMW-16I	OU-1 Union Boulevard	--	--	--	--	--	0.725	--	--	0.938	--	--	0.630	--	--	0.780	--
OZMW-16I2	OU-1 Union Boulevard	0.296	--	--	--	--	0.509	--	--	0.812	--	--	0.999	--	--	0.750	--
OZMW-16D	OU-1 Union Boulevard	--	1.890	--	--	--	2.220	--	--	2.010	--	--	6.690	--	--	2.100	--
OZMW-17S	OU-1 Union Boulevard	0.587	--	0.742	0.720	0.693	0.999	--	0.532	0.560	0.871	1.000	1.130	1.210	1.100	1.320	0.098
OZMW-17I	OU-1 Union Boulevard	0.689	--	0.504	0.618	0.628	0.999	--	0.493	0.370	0.505	0.568	0.785	0.672	0.717	0.607	0.690
OZMW-17I2	OU-1 Union Boulevard	0.237	--	0.147	0.180	0.174	0.345	--	0.184	0.192	0.319	0.357	0.900	0.366	0.350	0.392	0.857
OZMW-17D	OU-1 Union Boulevard	--	0.994	1.210	0.878	0.826	1.460	--	0.810	0.588	0.876	0.858	1.270	0.720	0.805	0.849	0.959
OZMW-18S	OU-1 Union Boulevard	0.405	--	--	--	--	0.826	--	--	0.678	--	--	0.675	--	--	1.300	--
OZMW-18I	OU-1 Union Boulevard	0.496	--	--	--	--	0.595	--	--	0.531	--	--	0.496	--	--	0.626	--
OZMW-18I2	OU-1 Union Boulevard	0.482	--	--	--	--	0.790	--	--	0.949	--	--	0.879	--	--	0.686	--
OZMW-18D	OU-1 Union Boulevard	--	1.760	--	--	--	1.580	--	--	1.790	--	--	4.100	--	--	2.020	--
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Oxygen (mg/L)																	
OU2MW-57S	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	OU-1 Union Boulevard	0.0	--	--	--	--	20.0	--	--	20.0	--	--	20.0	--	--	32.0	--
OZMW-16I	OU-1 Union Boulevard	--	--	--	--	--	20.0	--	--	20.0	--	--	20.0	--	--	44.0	--
OZMW-16I2	OU-1 Union Boulevard	0.0	--	--	--	--	1.4	--	--	0.0	--	--	0.0	--	--	1.9	--
OZMW-16D	OU-1 Union Boulevard	--	0.0	--	--	--	0.0	--	--	0.0	--	--	0.0	--	--	0.0	--
OZMW-17S	OU-1 Union Boulevard	0.0	--	14.0	22.0	21.0	20.0	--	19.0	8.0	3.0	6.0	3.0	1.0	18.0	20.0	17.0
OZMW-17I	OU-1 Union Boulevard	0.0	--	6.0	35.0	21.0	20.0	--	19.0	24.0	25.0	28.0	1.7	0.0	1.8	26.0	14.0
OZMW-17I2	OU-1 Union Boulevard	0.0	--	0.0	5.0	5.0	7.4	--	7.0	5.0	3.0	3.0	2.0	0.0	0.0	2.2	0.0
OZMW-17D	OU-1 Union Boulevard	--	0.0	0.0	0.0	0.0	0.0	--	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
OZMW-18S	OU-1 Union Boulevard	0.0	--	--	--	--	17.4	--	--	20.0	--	--	9.4	--	--	31.0	--

Appendix G. Table G-1
Summary of Groundwater Parameter Data
OU-1 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2008												2009			
		Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Jul-06	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09
pH (SU)																	
OZMW-18I	OU-1 Union Boulevard	0.0	--	--	--	--	0.0	--	--	4.6	--	--	0.8	--	--	1.5	--
OZMW-18I2	OU-1 Union Boulevard	0.0	--	--	--	--	0.0	--	--	8.8	--	--	0.0	--	--	0.0	--
OZMW-18D	OU-1 Union Boulevard	--	0.0	--	--	--	0.0	--	--	0.0	--	--	0.0	--	--	0.0	--
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature (degrees Celcius)																	
OU2MW-57S	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	OU-1 Union Boulevard	11.0	--	--	--	--	18.4	--	--	18.9	--	--	14.3	--	--	10.6	--
OZMW-16I	OU-1 Union Boulevard	--	--	--	--	--	15.7	--	--	16.2	--	--	14.2	--	--	12.5	--
OZMW-16I2	OU-1 Union Boulevard	12.7	--	--	--	--	15.5	--	--	16.1	--	--	13.3	--	--	12.8	--
OZMW-16D	OU-1 Union Boulevard	--	12.6	--	--	--	13.6	--	--	15.6	--	--	13.3	--	--	12.4	--
OZMW-17S	OU-1 Union Boulevard	10.9	--	12.6	14.6	18.1	19.0	--	19.8	19.4	17.9	15.6	12.6	10.8	11.2	10.9	12.2
OZMW-17I	OU-1 Union Boulevard	13.0	--	13.7	15.7	16.3	17.5	--	17.2	16.4	15.9	14.7	13.9	12.5	13.7	13.0	13.0
OZMW-17I2	OU-1 Union Boulevard	12.9	--	13.7	15.5	17.3	15.4	--	17.3	15.3	15.2	14.5	13.1	12.4	13.0	12.3	13.5
OZMW-17D	OU-1 Union Boulevard	--	11.9	14.1	15.7	17.0	15.6	--	16.9	15.7	14.2	13.3	12.1	12.3	13.1	12.5	13.4
OZMW-18S	OU-1 Union Boulevard	9.4	--	--	--	--	18.0	--	--	20.6	--	--	13.9	--	--	10.6	--
OZMW-18I	OU-1 Union Boulevard	11.9	--	--	--	--	16.6	--	--	17.6	--	--	14.8	--	--	12.5	--
OZMW-18I2	OU-1 Union Boulevard	12.5	--	--	--	--	15.7	--	--	23.5	--	--	14.1	--	--	12.9	--
OZMW-18D	OU-1 Union Boulevard	--	11.7	--	--	--	14.7	--	--	17.1	--	--	13.9	--	--	13.0	--
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxidation Reduction Potential (mV)																	
OU2MW-57S	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	OU-1 Union Boulevard	-108	--	--	--	--	138	--	--	76	--	--	139	--	--	109	--
OZMW-16I	OU-1 Union Boulevard	--	--	--	--	--	224	--	--	113	--	--	180	--	--	121	--
OZMW-16I2	OU-1 Union Boulevard	86	--	--	--	--	189	--	--	109	--	--	84	--	--	31	--
OZMW-16D	OU-1 Union Boulevard	--	-48	--	--	--	73	--	--	43	--	--	83	--	--	67	--
OZMW-17S	OU-1 Union Boulevard	-137	--	144	58	76	42	--	49	-34	12	-28	-61	-23	46	70	78
OZMW-17I	OU-1 Union Boulevard	-144	--	35	89	77	58	--	62	16	104	47	-23	-85	-17	87	57
OZMW-17I2	OU-1 Union Boulevard	110	--	106	127	122	179	--	144	114	149	51	107	-10	53	94	157
OZMW-17D	OU-1 Union Boulevard	--	13	36	17	-34	26	--	21	35	-38	-76	69	7	24	79	55
OZMW-18S	OU-1 Union Boulevard	-112	--	--	--	--	-40	--	--	0	--	--	31	--	--	64	--
OZMW-18I	OU-1 Union Boulevard	-168	--	--	--	--	-61	--	--	-46	--	--	-66	--	--	-75	--
OZMW-18I2	OU-1 Union Boulevard	-54	--	--	--	--	-52	--	--	-25	--	--	-92	--	--	-132	--
OZMW-18D	OU-1 Union Boulevard	--	-93	--	--	--	-109	--	--	-114	--	--	-64	--	--	-46	--
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-1
Summary of Groundwater Parameter Data
OU-1 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2009								2010							
		May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10
pH (SU)																	
OU2MW-57S	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	OU-1 Union Boulevard	--	6.41	--	--	6.57	--	6.56	--	6.37	6.26	5.49	6.31	5.78	6.42	--	7.01
OZMW-16I	OU-1 Union Boulevard	--	5.44	--	--	6.08	--	6.46	--	6.31	6.46	6.90	6.93	6.58	6.10	--	5.65
OZMW-16I2	OU-1 Union Boulevard	--	5.86	--	--	5.68	--	5.69	--	5.66	5.34	5.16	5.51	5.94	6.27	--	5.43
OZMW-16D	OU-1 Union Boulevard	--	4.98	--	--	5.12	--	5.21	--	5.10	5.22	5.22	5.36	4.71	4.30	--	5.39
OZMW-17S	OU-1 Union Boulevard	6.62	7.26	6.61	6.62	6.40	6.93	6.16	6.53	6.60	6.56	5.52	6.56	6.54	6.42	6.61	6.98
OZMW-17I	OU-1 Union Boulevard	6.33	6.70	6.36	6.48	6.14	6.83	6.33	5.76	6.59	6.77	5.59	6.68	7.00	6.65	6.95	6.76
OZMW-17I2	OU-1 Union Boulevard	5.90	5.92	5.93	6.10	5.66	6.41	5.04	5.22	5.80	6.26	5.41	6.61	6.60	6.33	6.05	6.89
OZMW-17D	OU-1 Union Boulevard	5.19	5.78	5.33	5.50	5.03	5.56	5.98	6.06	4.98	5.22	5.06	4.98	5.24	5.13	5.14	5.79
OZMW-18S	OU-1 Union Boulevard	--	5.80	--	--	6.23	--	6.18	--	5.90	5.92	4.88	6.49	6.18	6.62	--	5.52
OZMW-18I	OU-1 Union Boulevard	--	6.66	--	--	6.73	--	7.20	--	6.77	6.36	5.60	6.95	6.42	6.14	--	7.69
OZMW-18I2	OU-1 Union Boulevard	--	6.64	--	--	6.89	--	6.54	--	6.31	5.26	4.88	6.27	5.64	6.00	--	5.03
OZMW-18D	OU-1 Union Boulevard	--	6.52	--	--	5.83	--	6.55	--	5.50	5.64	4.78	5.88	5.24	4.92	--	5.98
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conductivity (mS/cm)																	
OU2MW-57S	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	OU-1 Union Boulevard	--	0.450	--	--	0.569	--	0.487	--	0.809	0.822	0.775	0.459	0.410	0.490	--	0.372
OZMW-16I	OU-1 Union Boulevard	--	0.504	--	--	0.479	--	0.618	--	0.576	0.638	0.870	0.626	0.570	0.659	--	1.020
OZMW-16I2	OU-1 Union Boulevard	--	0.603	--	--	0.579	--	0.541	--	0.620	0.408	0.506	0.383	0.412	0.618	--	1.050
OZMW-16D	OU-1 Union Boulevard	--	1.130	--	--	0.386	--	0.445	--	2.840	0.381	0.458	0.415	0.298	0.228	--	0.197
OZMW-17S	OU-1 Union Boulevard	0.092	0.809	0.727	0.625	0.750	0.669	0.662	0.760	0.999	0.766	0.999	0.715	0.686	0.492	0.398	0.375
OZMW-17I	OU-1 Union Boulevard	0.688	0.489	0.481	0.487	0.656	0.566	0.565	0.499	0.541	0.589	0.815	0.755	0.619	0.496	0.413	0.422
OZMW-17I2	OU-1 Union Boulevard	0.558	0.360	0.346	0.373	0.502	0.405	0.358	0.392	0.497	0.435	0.678	0.491	0.479	0.386	0.333	0.355
OZMW-17D	OU-1 Union Boulevard	0.940	1.160	0.744	0.784	1.570	1.100	1.090	1.040	1.070	0.999	1.140	1.140	0.910	0.692	0.532	0.623
OZMW-18S	OU-1 Union Boulevard	--	0.567	--	--	0.403	--	0.466	--	0.453	1.870	0.676	0.479	0.468	0.572	--	0.742
OZMW-18I	OU-1 Union Boulevard	--	0.580	--	--	0.639	--	0.629	--	0.557	0.872	0.856	0.580	0.561	0.689	--	0.685
OZMW-18I2	OU-1 Union Boulevard	--	0.571	--	--	0.518	--	0.509	--	0.502	0.425	0.502	0.335	0.291	0.445	--	0.660
OZMW-18D	OU-1 Union Boulevard	--	1.590	--	--	1.610	--	1.480	--	1.260	1.500	1.330	1.220	0.970	1.050	--	0.968
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Oxygen (mg/L)																	
OU2MW-57S	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	OU-1 Union Boulevard	--	16.9	--	--	20.0	--	25.0	--	20.0	16.4	26.0	32.0	26.0	29.0	--	30.0
OZMW-16I	OU-1 Union Boulevard	--	19.6	--	--	20.0	--	32.0	--	32.0	40.0	36.0	30.0	28.0	30.0	--	28.8
OZMW-16I2	OU-1 Union Boulevard	--	0.0	--	--	0.0	--	0.0	--	2.7	3.1	0.0	0.0	0.0	0.0	--	0.0
OZMW-16D	OU-1 Union Boulevard	--	0.0	--	--	0.0	--	0.0	--	0.0	0.0	1.7	0.0	0.0	0.0	--	0.1
OZMW-17S	OU-1 Union Boulevard	15.0	3.0	12.0	13.0	15.0	12.4	15.0	20.0	17.2	17.0	18.0	19.0	19.0	20.0	14.0	15.0
OZMW-17I	OU-1 Union Boulevard	13.0	9.4	16.0	15.0	20.0	15.0	15.0	18.0	28.0	28.0	28.0	32.0	24.0	28.0	27.0	25.0
OZMW-17I2	OU-1 Union Boulevard	0.0	2.0	2.0	6.0	4.0	1.0	2.0	7.0	7.5	8.0	13.0	12.0	15.0	5.0	7.0	6.0
OZMW-17D	OU-1 Union Boulevard	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OZMW-18S	OU-1 Union Boulevard	--	19.8	--	--	16.8	--	16.0	--	28.0	28.0	28.0	32.0	18.5	28.0	--	17.3

Appendix G. Table G-1
Summary of Groundwater Parameter Data
OU-1 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2009								2010							
		May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10
pH (SU)																	
OZMW-18I	OU-1 Union Boulevard	--	0.0	--	--	7.3	--	3.6	--	14.0	20.0	20.0	21.0	23.0	26.0	--	20.0
OZMW-18I2	OU-1 Union Boulevard	--	0.0	--	--	0.0	--	0.0	--	3.0	9.0	8.2	10.0	1.7	8.3	--	6.3
OZMW-18D	OU-1 Union Boulevard	--	0.0	--	--	0.0	--	0.0	--	0.0	0.0	0.0	0.0	0.0	0.0	--	0.1
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature (degrees Celcius)																	
OU2MW-57S	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	OU-1 Union Boulevard	--	15.0	--	--	18.4	--	15.1	--	11.3	10.5	10.7	12.7	12.4	15.0	--	18.1
OZMW-16I	OU-1 Union Boulevard	--	14.3	--	--	15.6	--	14.5	--	12.4	12.4	12.7	14.2	13.9	14.4	--	17.3
OZMW-16I2	OU-1 Union Boulevard	--	14.8	--	--	16.6	--	14.0	--	10.2	11.8	12.8	14.3	12.8	14.5	--	17.1
OZMW-16D	OU-1 Union Boulevard	--	14.3	--	--	15.3	--	13.8	--	11.7	11.1	12.9	14.3	13.7	14.8	--	17.2
OZMW-17S	OU-1 Union Boulevard	14.1	16.7	18.7	18.9	18.7	16.4	15.1	13.7	10.9	10.4	10.4	13.0	4.7	3.9	19.3	19.2
OZMW-17I	OU-1 Union Boulevard	13.6	15.1	16.7	17.0	16.4	14.9	14.7	12.6	12.7	11.8	11.9	13.7	14.8	3.5	17.5	17.0
OZMW-17I2	OU-1 Union Boulevard	13.8	15.5	18.1	17.2	17.0	14.5	14.3	12.8	12.1	11.0	12.5	14.4	5.2	4.0	18.9	18.7
OZMW-17D	OU-1 Union Boulevard	13.8	15.0	18.5	16.8	15.4	14.1	13.7	10.1	11.9	10.9	12.3	14.1	17.0	3.5	19.1	20.4
OZMW-18S	OU-1 Union Boulevard	--	14.5	--	--	18.4	--	15.8	--	9.6	9.5	10.3	11.9	11.9	14.3	--	21.2
OZMW-18I	OU-1 Union Boulevard	--	13.9	--	--	15.5	--	15.1	--	12.6	12.5	12.6	13.3	13.2	14.3	--	17.3
OZMW-18I2	OU-1 Union Boulevard	--	14.5	--	--	16.1	--	13.9	--	12.5	12.2	12.9	14.1	12.8	14.7	--	17.0
OZMW-18D	OU-1 Union Boulevard	--	14.2	--	--	16.1	--	13.7	--	12.2	12.1	12.6	14.1	13.9	14.8	--	16.6
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxidation Reduction Potential (mV)																	
OU2MW-57S	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-57I2	66 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	OU-1 Union Boulevard	--	123	--	--	74	--	244	--	161	152	131	108	191	171	--	151
OZMW-16I	OU-1 Union Boulevard	--	207	--	--	94	--	202	--	351	192	16	90	193	220	--	124
OZMW-16I2	OU-1 Union Boulevard	--	86	--	--	20	--	59	--	60	121	61	32	57	-33	--	-69
OZMW-16D	OU-1 Union Boulevard	--	127	--	--	54	--	92	--	97	106	115	-37	85	97	--	131
OZMW-17S	OU-1 Union Boulevard	62	-11	73	51	60	29	77	70	63	77	68	65	50	46	63	78
OZMW-17I	OU-1 Union Boulevard	52	30	213	60	111	41	70	297	172	139	115	120	110	187	123	183
OZMW-17I2	OU-1 Union Boulevard	104	120	189	-16	138	-73	140	157	190	144	137	50	146	114	73	134
OZMW-17D	OU-1 Union Boulevard	61	80	103	-102	98	-42	70	136	103	89	52	78	90	39	71	80
OZMW-18S	OU-1 Union Boulevard	--	168	--	--	58	--	121	--	172	150	104	107	155	107	--	127
OZMW-18I	OU-1 Union Boulevard	--	-42	--	--	-27	--	0	--	54	93	139	79	100	102	--	120
OZMW-18I2	OU-1 Union Boulevard	--	-77	--	--	-152	--	-121	--	-21	206	75	69	180	139	--	128
OZMW-18D	OU-1 Union Boulevard	--	-32	--	--	-49	--	10	--	17	-11	-9	-48	-17	-31	--	-10
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-1
Summary of Groundwater Parameter Data
OU-1 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2010				2011											
		Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
pH (SU)																	
OU2MW-57S	66 North Clinton	6.29	6.16	--	--	--	6.11	--	--	5.75	--	--	5.60	--	5.75	--	--
OU2MW-57I	66 North Clinton	5.72	5.78	--	--	--	5.93	--	--	5.35	--	--	5.92	--	5.62	--	--
OU2MW-57I2	66 North Clinton	5.83	5.73	--	--	--	6.02	--	--	5.50	--	--	5.70	--	5.40	--	--
OZMW-16S	OU-1 Union Boulevard	--	6.41	--	--	7.12	--	--	--	6.03	--	--	6.59	--	--	--	6.00
OZMW-16I	OU-1 Union Boulevard	--	6.88	--	--	6.64	--	--	--	6.84	--	--	6.75	--	--	--	6.15
OZMW-16I2	OU-1 Union Boulevard	--	6.69	--	--	7.20	--	--	--	5.70	--	--	7.30	--	--	--	5.34
OZMW-16D	OU-1 Union Boulevard	--	5.05	--	--	4.69	--	--	--	5.95	--	--	5.15	--	--	--	4.55
OZMW-17S	OU-1 Union Boulevard	6.34	7.06	7.11	6.13	6.57	7.29	ER	6.26	12.22	6.74	6.65	7.14	6.25	6.17	6.11	6.25
OZMW-17I	OU-1 Union Boulevard	6.58	7.05	5.87	6.51	6.73	7.86	6.46	5.97	7.09	6.61	6.97	7.57	6.44	6.52	6.18	6.50
OZMW-17I2	OU-1 Union Boulevard	5.98	5.88	6.69	5.55	6.31	6.77	ER	5.91	7.18	6.10	6.35	6.51	5.45	5.31	4.97	5.44
OZMW-17D	OU-1 Union Boulevard	5.02	5.80	4.36	6.08	5.23	5.53	5.04	5.07	11.06	5.55	5.45	5.25	6.21	4.64	4.69	4.80
OZMW-18S	OU-1 Union Boulevard	--	6.77	--	--	7.18	--	--	--	6.47	--	--	6.86	--	--	--	6.44
OZMW-18I	OU-1 Union Boulevard	--	6.64	--	--	6.79	--	--	--	6.17	--	--	6.94	--	--	--	6.63
OZMW-18I2	OU-1 Union Boulevard	--	5.87	--	--	6.78	--	--	--	6.95	--	--	6.42	--	--	--	5.85
OZMW-18D	OU-1 Union Boulevard	--	5.02	--	--	5.73	--	--	--	5.26	--	--	7.77	--	--	--	5.37
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	ER	--	5.87	--	--	5.83	--	5.72	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	ER	--	5.49	--	--	6.00	--	5.84	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	ER	--	4.85	--	--	5.10	--	3.50	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	ER	--	5.35	--	--	5.46	--	7.00	--	--
Conductivity (mS/cm)																	
OU2MW-57S	66 North Clinton	0.179	0.535	--	--	--	0.896	--	--	0.385	--	--	0.453	--	0.662	--	--
OU2MW-57I	66 North Clinton	0.378	0.324	--	--	--	0.417	--	--	0.240	--	--	0.412	--	0.807	--	--
OU2MW-57I2	66 North Clinton	0.372	0.345	--	--	--	0.432	--	--	0.538	--	--	1.040	--	0.837	--	--
OZMW-16S	OU-1 Union Boulevard	--	0.277	--	--	0.348	--	--	--	0.600	--	--	0.497	--	--	--	0.394
OZMW-16I	OU-1 Union Boulevard	--	0.583	--	--	0.740	--	--	--	0.673	--	--	0.717	--	--	--	0.763
OZMW-16I2	OU-1 Union Boulevard	--	0.527	--	--	0.459	--	--	--	0.558	--	--	0.482	--	--	--	0.299
OZMW-16D	OU-1 Union Boulevard	--	0.152	--	--	0.209	--	--	--	0.229	--	--	0.579	--	--	--	0.299
OZMW-17S	OU-1 Union Boulevard	0.431	0.379	0.341	0.479	0.690	0.680	1.320	0.877	1.505	0.565	0.580	0.478	0.593	0.703	0.589	0.495
OZMW-17I	OU-1 Union Boulevard	0.493	0.399	0.406	0.396	0.628	0.556	0.944	0.730	0.629	0.602	0.659	0.510	0.729	0.837	0.698	0.700
OZMW-17I2	OU-1 Union Boulevard	0.344	0.284	0.245	0.324	0.428	0.359	0.787	0.528	0.430	0.377	0.307	0.396	0.490	0.635	0.526	0.496
OZMW-17D	OU-1 Union Boulevard	0.518	0.415	0.374	0.337	0.465	0.322	0.555	0.451	0.872	0.363	0.522	0.221	0.315	0.323	0.280	0.269
OZMW-18S	OU-1 Union Boulevard	--	0.358	--	--	0.497	--	--	--	0.467	--	--	0.613	--	--	--	0.602
OZMW-18I	OU-1 Union Boulevard	--	0.590	--	--	0.696	--	--	--	0.718	--	--	0.676	--	--	--	0.674
OZMW-18I2	OU-1 Union Boulevard	--	0.384	--	--	0.332	--	--	--	0.400	--	--	0.548	--	--	--	0.570
OZMW-18D	OU-1 Union Boulevard	--	0.731	--	--	0.743	--	--	--	0.878	--	--	0.547	--	--	--	0.593
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	0.275	--	0.204	--	--	0.215	--	0.260	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	0.390	--	0.595	--	--	0.555	--	0.717	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	0.334	--	0.204	--	--	0.525	--	0.468	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	0.510	--	0.500	--	--	0.386	--	0.363	--	--
Dissolved Oxygen (mg/L)																	
OU2MW-57S	66 North Clinton	0.0	0.0	--	--	--	0.0	--	--	0.4	--	--	1.9	--	1.6	--	--
OU2MW-57I	66 North Clinton	3.2	5.0	--	--	--	9.1	--	--	2.8	--	--	0.0	--	6.9	--	--
OU2MW-57I2	66 North Clinton	0.0	0.0	--	--	--	1.8	--	--	0.4	--	--	3.1	--	2.7	--	--
OZMW-16S	OU-1 Union Boulevard	--	27.0	--	--	26.0	--	--	--	25.0	--	--	26.0	--	--	--	25.0
OZMW-16I	OU-1 Union Boulevard	--	25.0	--	--	29.0	--	--	--	24.0	--	--	37.0	--	--	--	34.0
OZMW-16I2	OU-1 Union Boulevard	--	0.0	--	--	0.0	--	--	--	0.6	--	--	0.0	--	--	--	1.6
OZMW-16D	OU-1 Union Boulevard	--	0.0	--	--	0.0	--	--	--	0.0	--	--	0.0	--	--	--	5.0
OZMW-17S	OU-1 Union Boulevard	13.0	15.0	15.0	16.0	17.0	23.0	11.0	13.0	38.9	19.0	22.0	20.0	23.0	18.0	18.0	17.0
OZMW-17I	OU-1 Union Boulevard	28.0	29.0	26.0	27.0	22.0	32.0	28.0	47.0	24.0	22.0	31.0	24.0	32.0	26.0	22.0	24.0
OZMW-17I2	OU-1 Union Boulevard	5.0	4.0	3.0	0.0	7.0	7.0	5.0	14.0	5.0	5.0	12.0	9.0	6.0	8.0	7.0	7.0
OZMW-17D	OU-1 Union Boulevard	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	6.8	1.0	1.0	0.0	1.0	2.0	3.0	2.0
OZMW-18S	OU-1 Union Boulevard	--	23.0	--	--	22.0	--	--	--	27.0	--	--	30.0	--	--	--	30.0

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Well ID	Oxygen Injection System	2010				2011											
		Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
pH (SU)																	
OZMW-18I	OU-1 Union Boulevard	--	14.7	--	--	24.0	--	--	--	15.8	--	--	19.0	--	--	--	17.8
OZMW-18I2	OU-1 Union Boulevard	--	5.8	--	--	5.0	--	--	--	11.2	--	--	9.8	--	--	--	7.2
OZMW-18D	OU-1 Union Boulevard	--	0.0	--	--	0.0	--	--	--	11.0	--	--	0.0	--	--	--	1.4
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	0.7	--	0.0	--	--	17.6	--	38.0	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	0.0	--	0.4	--	--	0.0	--	2.6	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	3.6	--	6.6	--	--	0.0	--	0.0	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	0.1	--	0.4	--	--	1.7	--	0.0	--	--
Temperature (degrees Celcius)																	
OU2MW-57S	66 North Clinton	20.3	20.2	--	--	--	11.2	--	--	12.5	--	--	22.7	--	20.3	--	--
OU2MW-57I	66 North Clinton	17.1	18.0	--	--	--	13.0	--	--	13.6	--	--	16.6	--	17.2	--	--
OU2MW-57I2	66 North Clinton	19.4	18.0	--	--	--	13.6	--	--	13.5	--	--	16.1	--	16.4	--	--
OZMW-16S	OU-1 Union Boulevard	--	16.8	--	--	12.1	--	--	--	13.4	--	--	17.9	--	--	--	14.6
OZMW-16I	OU-1 Union Boulevard	--	15.0	--	--	13.2	--	--	--	14.3	--	--	18.0	--	--	--	14.3
OZMW-16I2	OU-1 Union Boulevard	--	14.8	--	--	12.1	--	--	--	13.7	--	--	15.1	--	--	--	13.5
OZMW-16D	OU-1 Union Boulevard	--	14.4	--	--	11.9	--	--	--	16.3	--	--	15.1	--	--	--	12.9
OZMW-17S	OU-1 Union Boulevard	20.2	17.8	16.2	14.3	10.2	9.7	10.9	13.5	27.6	16.6	17.6	20.0	18.5	17.9	15.7	14.6
OZMW-17I	OU-1 Union Boulevard	17.9	15.9	15.7	13.5	12.6	12.1	13.0	12.0	15.5	15.3	16.1	16.4	15.4	15.4	14.7	14.3
OZMW-17I2	OU-1 Union Boulevard	17.3	15.2	14.4	13.0	12.0	12.0	12.7	14.3	15.4	15.4	15.1	16.3	10.4	14.5	14.2	12.3
OZMW-17D	OU-1 Union Boulevard	17.1	14.7	14.4	11.6	11.9	11.6	12.7	13.6	29.6	16.2	14.0	16.4	16.0	14.2	14.1	12.8
OZMW-18S	OU-1 Union Boulevard	--	18.2	--	--	12.1	--	--	--	14.5	--	--	18.6	--	--	--	15.5
OZMW-18I	OU-1 Union Boulevard	--	16.6	--	--	13.8	--	--	--	14.8	--	--	22.1	--	--	--	14.9
OZMW-18I2	OU-1 Union Boulevard	--	15.7	--	--	13.2	--	--	--	15.0	--	--	17.3	--	--	--	14.1
OZMW-18D	OU-1 Union Boulevard	--	15.1	--	--	13.4	--	--	--	16.8	--	--	17.4	--	--	--	13.6
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	8.9	--	11.9	--	--	21.6	--	17.7	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	11.7	--	13.2	--	--	19.1	--	16.5	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	12.7	--	13.5	--	--	15.6	--	15.0	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	11.6	--	12.7	--	--	ER	--	14.3	--	--
Oxidation Reduction Potential (mV)																	
OU2MW-57S	66 North Clinton	-118	-101	--	--	--	-86	--	--	-79	--	--	-45	--	-69	--	--
OU2MW-57I	66 North Clinton	64	54	--	--	--	129	--	--	179	--	--	110	--	90	--	--
OU2MW-57I2	66 North Clinton	69	63	--	--	--	143	--	--	156	--	--	103	--	177	--	--
OZMW-16S	OU-1 Union Boulevard	--	189	--	--	167	--	--	--	187	--	--	-38	--	--	--	191
OZMW-16I	OU-1 Union Boulevard	--	278	--	--	140	--	--	--	183	--	--	68	--	--	--	181
OZMW-16I2	OU-1 Union Boulevard	--	-74	--	--	-18	--	--	--	-60	--	--	-100	--	--	--	30
OZMW-16D	OU-1 Union Boulevard	--	107	--	--	135	--	--	--	137	--	--	70	--	--	--	152
OZMW-17S	OU-1 Union Boulevard	63	83	121	58	219	116	91	180	177	85	33	107	25	59	140	170
OZMW-17I	OU-1 Union Boulevard	176	123	142	143	141	157	93	200	125	158	124	121	136	97	206	152
OZMW-17I2	OU-1 Union Boulevard	157	160	185	130	257	144	88	212	178	154	118	90	130	101	120	122
OZMW-17D	OU-1 Union Boulevard	126	58	122	108	51	74	58	52	123	68	25	56	52	46	87	107
OZMW-18S	OU-1 Union Boulevard	--	141	--	--	110	--	--	--	208	--	--	86	--	--	--	185
OZMW-18I	OU-1 Union Boulevard	--	133	--	--	88	--	--	--	108	--	--	143	--	--	--	245
OZMW-18I2	OU-1 Union Boulevard	--	117	--	--	69	--	--	--	180	--	--	155	--	--	--	66
OZMW-18D	OU-1 Union Boulevard	--	59	--	--	-2	--	--	--	-33	--	--	-31	--	--	--	-5
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	-85	--	-66	--	--	93	--	123	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	97	--	155	--	--	60	--	41	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	39	--	108	--	--	190	--	142	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	--	--	--	--	-77	--	-15	--	--	-31	--	-57	--	--

Appendix G. Table G-1
Summary of Groundwater Parameter Data
OU-1 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2012												2013			
		Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13
pH (SU)																	
OU2MW-57S	66 North Clinton	--	--	6.30	--	--	6.46	--	5.91	--	--	6.09	--	--	5.57	--	--
OU2MW-57I	66 North Clinton	--	--	6.09	--	--	6.04	--	5.69	--	--	5.92	--	--	5.28	--	--
OU2MW-57I2	66 North Clinton	--	--	5.43	--	--	6.02	--	5.79	--	--	6	--	--	5.80	--	--
OZMW-16S	OU-1 Union Boulevard	--	--	6.80	5.77	--	--	--	7.03	--	--	--	6.75	--	6.71	--	--
OZMW-16I	OU-1 Union Boulevard	--	--	6.32	5.76	--	--	--	6.84	--	--	--	6.81	--	6.74	--	--
OZMW-16I2	OU-1 Union Boulevard	--	--	6.24	6.45	--	--	--	5.7	--	--	--	6.52	--	6.04	--	--
OZMW-16D	OU-1 Union Boulevard	--	--	4.37	5.39	--	--	--	4.77	--	--	--	5	--	4.95	--	--
OZMW-17S	OU-1 Union Boulevard	6.74	7.00	6.76	6.67	6.86	6.55	6.34	6.76	6.71	6.51	6.52	6.62	6.34	6.51	6.71	--
OZMW-17I	OU-1 Union Boulevard	7.08	7.30	7.17	6.84	7.24	6.39	7.27	7.31	7.02	6.85	6.79	6.81	6.57	6.81	6.80	--
OZMW-17I2	OU-1 Union Boulevard	5.72	5.96	5.75	5.71	5.83	5.87	5.73	5.71	5.97	5.51	5.68	5.56	5.48	6.14	5.66	--
OZMW-17D	OU-1 Union Boulevard	5.62	5.50	5.29	5.60	5.34	5.97	5.28	5.2	5.48	--	5.29	5.47	5.11	6.36	5.21	--
OZMW-18S	OU-1 Union Boulevard	--	--	6.90	5.93	--	--	--	7.1	--	--	--	6.68	--	6.78	--	--
OZMW-18I	OU-1 Union Boulevard	--	--	6.39	6.86	--	--	--	6.97	--	--	--	6.95	--	6.98	--	--
OZMW-18I2	OU-1 Union Boulevard	--	--	6.61	6.00	--	--	--	6.51	--	--	--	6.39	--	6.29	--	--
OZMW-18D	OU-1 Union Boulevard	--	--	5.37	5.9	--	--	--	5.94	--	--	--	6.68	--	5.90	--	--
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	5.65	--	6.31	--	--	--	--	--	6.28	--	--	5.61	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	5.35	--	5.80	--	--	--	--	--	5.68	--	--	5.19	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	5.50	--	5.41	--	--	--	--	--	5.31	--	--	5.04	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	5.72	--	5.35	--	--	--	--	--	5.36	--	--	5.45	--	--
Conductivity (mS/cm)																	
OU2MW-57S	66 North Clinton	--	--	0.469	--	--	0.368	--	0.326	--	--	0.311	--	--	0.600	--	--
OU2MW-57I	66 North Clinton	--	--	0.510	--	--	0.356	--	0.300	--	--	0.432	--	--	0.843	--	--
OU2MW-57I2	66 North Clinton	--	--	0.582	--	--	0.537	--	0.426	--	--	0.412	--	--	0.300	--	--
OZMW-16S	OU-1 Union Boulevard	--	--	0.435	0.427	--	--	--	0.338	--	--	--	0.379	--	0.950	--	--
OZMW-16I	OU-1 Union Boulevard	--	--	0.788	0.659	--	--	--	0.621	--	--	--	0.701	--	0.820	--	--
OZMW-16I2	OU-1 Union Boulevard	--	--	0.487	0.950	--	--	--	0.320	--	--	--	0.505	--	0.524	--	--
OZMW-16D	OU-1 Union Boulevard	--	--	0.280	0.207	--	--	--	0.157	--	--	--	0.216	--	0.270	--	--
OZMW-17S	OU-1 Union Boulevard	0.457	0.499	0.465	0.473	0.476	0.608	0.709	0.358	0.448	0.372	0.480	0.405	0.462	0.621	0.457	--
OZMW-17I	OU-1 Union Boulevard	0.580	0.635	0.630	0.645	0.638	0.773	0.695	0.499	0.637	0.522	0.715	0.607	0.694	0.790	1.050	--
OZMW-17I2	OU-1 Union Boulevard	0.405	0.422	0.396	0.378	0.403	0.510	0.506	0.394	0.518	0.412	0.568	0.484	0.566	0.527	0.780	--
OZMW-17D	OU-1 Union Boulevard	0.225	0.284	0.328	0.352	0.312	0.297	0.269	0.158	0.210	--	0.242	0.204	0.214	0.203	0.313	--
OZMW-18S	OU-1 Union Boulevard	--	--	0.462	0.518	--	--	--	0.420	--	--	--	0.369	--	0.928	--	--
OZMW-18I	OU-1 Union Boulevard	--	--	0.750	1.20	--	--	--	0.525	--	--	--	0.578	--	0.665	--	--
OZMW-18I2	OU-1 Union Boulevard	--	--	0.430	0.544	--	--	--	0.521	--	--	--	0.520	--	0.694	--	--
OZMW-18D	OU-1 Union Boulevard	--	--	0.745	1.28	--	--	--	0.469	--	--	--	0.511	--	0.689	--	--
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	0.424	--	0.377	--	--	0.182	--	--	0.167	--	--	0.589	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	0.540	--	0.400	--	--	0.456	--	--	0.405	--	--	0.808	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	0.301	--	0.298	--	--	0.250	--	--	0.376	--	--	0.430	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	0.422	--	0.465	--	--	0.310	--	--	0.358	--	--	0.300	--	--
Dissolved Oxygen (mg/L)																	
OU2MW-57S	66 North Clinton	--	--	6.3	--	--	0.0	--	0.0	--	--	0.0	--	--	7.1	--	--
OU2MW-57I	66 North Clinton	--	--	5.8	--	--	0.0	--	0.0	--	--	6.2	--	--	1.9	--	--
OU2MW-57I2	66 North Clinton	--	--	2.1	--	--	0.0	--	0.0	--	--	0.0	--	--	0.5	--	--
OZMW-16S	OU-1 Union Boulevard	--	--	39.0	22.0	--	--	--	32.0	--	--	--	32.0	--	27.0	--	--
OZMW-16I	OU-1 Union Boulevard	--	--	36.0	25.0	--	--	--	36.0	--	--	--	37.0	--	32.0	--	--
OZMW-16I2	OU-1 Union Boulevard	--	--	0.8	0.0	--	--	--	1.6	--	--	--	3.5	--	2.5	--	--
OZMW-16D	OU-1 Union Boulevard	--	--	1.8	0.0	--	--	--	0.0	--	--	--	0.7	--	0.6	--	--
OZMW-17S	OU-1 Union Boulevard	21.0	20.0	26.0	21.0	23.0	29.0	4.0	32.0	25.0	23.0	22.0	23.0	11.0	12.0	21.0	--
OZMW-17I	OU-1 Union Boulevard	24.0	30.0	27.0	23.0	26.0	34.0	27.0	36.0	35.0	33.0	35.0	27.0	15.0	26.0	39.0	--
OZMW-17I2	OU-1 Union Boulevard	5.0	2.0	2.0	2.0	5.0	4.0	8.0	27.0	5.0	4.0	6.0	3.0	7.0	5.0	8.9	--
OZMW-17D	OU-1 Union Boulevard	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.6	1.0	0.0	0.5	--
OZMW-18S	OU-1 Union Boulevard	--	--	36.0	23.0	--	--	--	19.2	--	--	--	38.0	--	22.0	--	--

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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2012												2013			
		Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13
pH (SU)																	
OZMW-18I	OU-1 Union Boulevard	--	--	23.0	18.9	--	--	--	19.5	--	--	--	16.3	--	15.3	--	--
OZMW-18I2	OU-1 Union Boulevard	--	--	11.4	12.3	--	--	--	3.5	--	--	--	3.8	--	4.9	--	--
OZMW-18D	OU-1 Union Boulevard	--	--	3.8	0.0	--	--	--	0.0	--	--	--	0.2	--	0.6	--	--
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	29.0	--	23.0	--	--	23.0	--	--	18.6	--	--	36.0	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	1.9	--	2.5	--	--	0.0	--	--	0.0	--	--	0.6	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	0.6	--	0.0	--	--	0.1	--	--	0.9	--	--	0.6	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	7.5	--	3.2	--	--	0.0	--	--	0.0	--	--	1.4	--	--
Temperature (degrees Celcius)																	
OU2MW-57S	66 North Clinton	--	--	12.7	--	--	18.6	--	22.5	--	--	15.2	--	--	11.0	--	--
OU2MW-57I	66 North Clinton	--	--	13.6	--	--	16.2	--	18.3	--	--	14.6	--	--	11.7	--	--
OU2MW-57I2	66 North Clinton	--	--	13.3	--	--	16.3	--	18.0	--	--	13.6	--	--	13.2	--	--
OZMW-16S	OU-1 Union Boulevard	--	--	11.6	13.1	--	--	--	20.5	--	--	--	13.4	--	10.7	--	--
OZMW-16I	OU-1 Union Boulevard	--	--	12.3	13.3	--	--	--	18.5	--	--	--	13.3	--	12.4	--	--
OZMW-16I2	OU-1 Union Boulevard	--	--	12.5	13.9	--	--	--	17.3	--	--	--	13.5	--	12.4	--	--
OZMW-16D	OU-1 Union Boulevard	--	--	11.9	12.6	--	--	--	17.3	--	--	--	12.0	--	11.1	--	--
OZMW-17S	OU-1 Union Boulevard	12.3	12.3	12.6	13.8	17.1	20.0	21.7	20.0	18.7	18.1	14.4	13.0	11.6	10.2	12.1	--
OZMW-17I	OU-1 Union Boulevard	13.2	13.7	13.8	14.5	17	18.8	18.0	17.5	15.9	16.2	13.9	14.3	13.0	12.7	13.4	--
OZMW-17I2	OU-1 Union Boulevard	13.0	13.3	13.4	14.1	17.1	17.9	16.1	17.3	15.4	15.6	13.8	12.8	12.1	13.1	13.4	--
OZMW-17D	OU-1 Union Boulevard	12.3	12.9	13.1	13.5	17.4	17.0	17.1	17.3	14.1	--	12.7	12.9	11.5	13.0	13.2	--
OZMW-18S	OU-1 Union Boulevard	--	--	12.0	13.6	--	--	--	19.1	--	--	--	13.8	--	11.2	--	--
OZMW-18I	OU-1 Union Boulevard	--	--	12.7	14.4	--	--	--	17.5	--	--	--	14.2	--	12.7	--	--
OZMW-18I2	OU-1 Union Boulevard	--	--	13.5	14.0	--	--	--	16.9	--	--	--	13.7	--	12.7	--	--
OZMW-18D	OU-1 Union Boulevard	--	--	12.6	14.5	--	--	--	17.1	--	--	--	12.6	--	12.2	--	--
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	13.5	--	20.2	--	--	--	--	--	14.0	--	--	10.1	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	15.5	--	17.7	--	--	--	--	--	14.3	--	--	12.0	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	16.2	--	17.7	--	--	--	--	--	11.8	--	--	12.4	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	15.4	--	20.8	--	--	--	--	--	13.0	--	--	9.3	--	--
Oxidation Reduction Potential (mV)																	
OU2MW-57S	66 North Clinton	--	--	-20	--	--	-45	--	-58	--	--	-21	--	--	1	--	--
OU2MW-57I	66 North Clinton	--	--	167	--	--	173	--	143	--	--	148	--	--	117	--	--
OU2MW-57I2	66 North Clinton	--	--	229	--	--	201	--	164	--	--	149	--	--	190	--	--
OZMW-16S	OU-1 Union Boulevard	--	--	128	260	--	--	--	138	--	--	--	176	--	244	--	--
OZMW-16I	OU-1 Union Boulevard	--	--	258	255	--	--	--	163	--	--	--	185	--	248	--	--
OZMW-16I2	OU-1 Union Boulevard	--	--	-15	-9	--	--	--	22	--	--	--	-44	--	77	--	--
OZMW-16D	OU-1 Union Boulevard	--	--	134	130	--	--	--	100	--	--	--	126	--	153	--	--
OZMW-17S	OU-1 Union Boulevard	138	118	134	169	180	146	94	133	87	104	419	167	142	205	160	--
OZMW-17I	OU-1 Union Boulevard	187	140	99	237	203	155	198	146	137	162	407	139	142	242	107	--
OZMW-17I2	OU-1 Union Boulevard	214	103	104	215	177	125	215	189	163	196	383	245	194	192	135	--
OZMW-17D	OU-1 Union Boulevard	56	78	70	79	45	69	59	58	38	--	90	40	49	30	63	--
OZMW-18S	OU-1 Union Boulevard	--	--	146	250	--	--	--	196	--	--	--	149	--	188	--	--
OZMW-18I	OU-1 Union Boulevard	--	--	135	111	--	--	--	225	--	--	--	145	--	207	--	--
OZMW-18I2	OU-1 Union Boulevard	--	--	154	215	--	--	--	61	--	--	--	108	--	84	--	--
OZMW-18D	OU-1 Union Boulevard	--	--	-58	-49	--	--	--	-59	--	--	--	-60	--	-28	--	--
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	292	--	167	--	--	--	--	--	169	--	--	189	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	120	--	170	--	--	--	--	--	68	--	--	194	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	98	--	164	--	--	--	--	--	125	--	--	258	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	48	--	41	--	--	--	--	--	41	--	--	15	--	--

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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2013								2014							
		May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14
pH (SU)																	
OU2MW-57S	66 North Clinton	6.19	--	5.87	--	--	--	--	5.82	--	5.06	--	6.31	--	--	--	5.66
OU2MW-57I	66 North Clinton	5.89	--	5.70	--	--	--	--	5.49	--	5.21	--	5.91	--	--	--	5.42
OU2MW-57I2	66 North Clinton	6.08	--	5.91	--	--	--	--	5.67	--	5.53	--	6.00	--	--	--	5.87
OZMW-16S	OU-1 Union Boulevard	6.91	--	6.76	--	--	--	--	6.34	--	6.50	--	--	7.13	--	--	6.33
OZMW-16I	OU-1 Union Boulevard	6.98	--	7.04	--	--	--	--	6.55	--	6.73	--	--	7.00	--	--	6.43
OZMW-16I2	OU-1 Union Boulevard	5.98	--	6.07	--	--	--	--	6.36	--	6.20	--	--	5.80	--	--	5.95
OZMW-16D	OU-1 Union Boulevard	4.98	--	4.96	--	--	--	--	4.53	--	4.75	--	--	5.08	--	--	4.05
OZMW-17S	OU-1 Union Boulevard	6.70	--	6.55	6.45	6.55	6.42	6.29	6.53	6.15	7.88	6.17	6.54	6.58	6.45	--	6.66
OZMW-17I	OU-1 Union Boulevard	6.86	--	6.90	6.90	6.92	6.82	6.65	6.75	6.64	6.94	6.81	6.84	6.70	6.49	--	6.98
OZMW-17I2	OU-1 Union Boulevard	5.61	--	5.83	5.49	5.51	5.49	5.19	5.21	5.38	5.75	5.84	6.00	6.05	5.85	--	6.32
OZMW-17D	OU-1 Union Boulevard	5.44	--	5.47	5.22	5.37	5.31	4.94	4.89	5.01	7.20	5.38	5.34	5.26	5.18	--	5.42
OZMW-18S	OU-1 Union Boulevard	6.75	--	7.16	--	--	--	6.56	--	--	--	7.07	--	--	6.88	--	6.45
OZMW-18I	OU-1 Union Boulevard	6.83	--	7.05	--	--	--	6.76	--	--	--	7.22	--	--	6.89	--	7.04
OZMW-18I2	OU-1 Union Boulevard	6.37	--	6.14	--	--	--	6.12	5.96	6.06	6.51	6.31	6.67	6.10	6.03	--	6.37
OZMW-18D	OU-1 Union Boulevard	5.96	--	6.15	--	--	--	5.59	5.27	4.95	6.45	5.30	5.54	5.25	5.18	--	5.25
OU2MW-50S	OU-1 Union Boulevard (Ext.)	6.04	--	5.96	--	--	--	5.81	--	5.20	--	--	--	6.15	--	--	5.85
OU2MW-50I	OU-1 Union Boulevard (Ext.)	5.63	--	5.30	--	--	--	5.77	--	5.30	--	--	--	5.66	--	--	5.43
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	5.12	--	5.14	--	--	--	4.80	--	4.73	--	--	--	5.51	--	--	4.95
OU2MW-50D	OU-1 Union Boulevard (Ext.)	5.50	--	5.14	--	--	--	5.14	--	5.01	--	--	--	5.89	--	--	5.28
Conductivity (mS/cm)																	
OU2MW-57S	66 North Clinton	0.301	--	0.398	--	--	--	--	0.881	--	0.408	--	0.280	--	--	--	0.472
OU2MW-57I	66 North Clinton	0.323	--	0.350	--	--	--	--	0.593	--	0.481	--	0.411	--	--	--	0.335
OU2MW-57I2	66 North Clinton	0.406	--	0.458	--	--	--	--	0.697	--	0.435	--	0.438	--	--	--	0.491
OZMW-16S	OU-1 Union Boulevard	0.559	--	0.405	--	--	--	--	0.649	--	0.570	--	--	0.576	--	--	0.441
OZMW-16I	OU-1 Union Boulevard	0.81	--	0.740	--	--	--	--	1.090	--	0.784	--	--	0.722	--	--	0.689
OZMW-16I2	OU-1 Union Boulevard	0.415	--	0.363	--	--	--	--	1.040	--	0.330	--	--	0.330	--	--	0.563
OZMW-16D	OU-1 Union Boulevard	0.233	--	0.217	--	--	--	--	0.315	--	0.233	--	--	0.205	--	--	0.185
OZMW-17S	OU-1 Union Boulevard	0.593	--	0.485	0.546	0.385	0.424	0.667	0.680	0.591	1.270	0.587	0.630	0.562	0.560	--	0.482
OZMW-17I	OU-1 Union Boulevard	0.735	--	0.694	0.687	0.688	0.682	1.060	1.070	0.739	0.724	0.698	0.779	0.799	0.676	--	0.644
OZMW-17I2	OU-1 Union Boulevard	0.48	--	0.478	0.542	0.559	0.524	0.930	0.913	0.614	0.604	0.570	0.638	0.583	0.563	--	0.587
OZMW-17D	OU-1 Union Boulevard	0.265	--	0.204	0.211	0.217	0.206	0.370	0.329	0.234	0.253	0.250	0.273	0.279	0.238	--	0.229
OZMW-18S	OU-1 Union Boulevard	0.44	--	0.379	--	--	--	0.691	--	--	--	0.832	--	--	0.492	--	0.552
OZMW-18I	OU-1 Union Boulevard	0.667	--	0.648	--	--	--	1.010	--	--	--	0.584	--	--	0.611	--	0.568
OZMW-18I2	OU-1 Union Boulevard	0.605	--	0.661	--	--	--	0.957	0.967	0.660	0.620	0.585	0.603	0.642	0.575	--	0.602
OZMW-18D	OU-1 Union Boulevard	0.526	--	0.564	--	--	--	0.873	0.889	0.663	0.698	0.659	0.642	0.638	0.612	--	0.557
OU2MW-50S	OU-1 Union Boulevard (Ext.)	0.427	--	0.299	--	--	--	0.202	--	0.178	--	--	--	0.245	--	--	0.244
OU2MW-50I	OU-1 Union Boulevard (Ext.)	0.388	--	0.418	--	--	--	0.805	--	0.532	--	--	--	0.427	--	--	0.116
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	0.535	--	0.497	--	--	--	0.748	--	0.508	--	--	--	0.45	--	--	0.404
OU2MW-50D	OU-1 Union Boulevard (Ext.)	0.289	--	0.270	--	--	--	0.424	--	0.264	--	--	--	0.20	--	--	0.236
Dissolved Oxygen (mg/L)																	
OU2MW-57S	66 North Clinton	6.4	--	3.0	--	--	--	--	3.4	--	7.8	--	1.53	--	--	--	1.90
OU2MW-57I	66 North Clinton	0.6	--	1.3	--	--	--	--	2.8	--	1.2	--	1.28	--	--	--	0.70
OU2MW-57I2	66 North Clinton	0.3	--	0.5	--	--	--	--	0.3	--	0.5	--	6.60	--	--	--	0.60
OZMW-16S	OU-1 Union Boulevard	28.0	--	32.0	--	--	--	--	28.0	--	30.0	--	--	17.0	--	--	32.63
OZMW-16I	OU-1 Union Boulevard	46.0	--	29.0	--	--	--	--	40.0	--	35.0	--	--	20.0	--	--	37.90
OZMW-16I2	OU-1 Union Boulevard	0.5	--	2.4	--	--	--	--	32.0	--	30.0	--	--	16.6	--	--	25.20
OZMW-16D	OU-1 Union Boulevard	0.5	--	0.4	--	--	--	--	0.4	--	0.4	--	--	11.1	--	--	1.60
OZMW-17S	OU-1 Union Boulevard	14.0	--	16.3	17.0	30.0	21.0	15.0	23.0	16.0	15.0	17.0	14.70	18.0	22.0	--	25.0
OZMW-17I	OU-1 Union Boulevard	28.0	--	21.0	28.0	35.0	32.0	17.0	28.0	23.0	17.0	21.0	15.0	31.0	27.0	--	30.0
OZMW-17I2	OU-1 Union Boulevard	3.3	--	6.1	7.0	10.0	6.0	3.0	8.0	5.0	4.0	5.0	13.2	9.0	7.0	--	12.0
OZMW-17D	OU-1 Union Boulevard	0.3	--	0.5	1.0	2.0	0.0	1.0	2.0	1.0	1.9	1.0	0.0	2.7	1.0	--	0.0
OZMW-18S	OU-1 Union Boulevard	29.0	--	31.0	--	--	--	21.0	--	--	--	17.0	--	--	18.0	--	26.2

Appendix G. Table G-1
Summary of Groundwater Parameter Data
OU-1 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2013								2014							
		May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14
pH (SU)																	
OZMW-18I	OU-1 Union Boulevard	24.0	--	18.4	--	--	--	10.0	--	--	--	9.0	--	--	11.9	--	14.2
OZMW-18I2	OU-1 Union Boulevard	7.6	--	9.4	--	--	--	20.0	21.0	22.0	20.0	20.0	15.5	38.0	24.0	--	32.0
OZMW-18D	OU-1 Union Boulevard	0.4	--	0.9	--	--	--	2.0	5.0	20.0	35.0	21.0	19.0	26.0	22.0	--	30.0
OU2MW-50S	OU-1 Union Boulevard (Ext.)	34.0	--	22.0	--	--	--	25.0	--	22.0	--	--	--	22.00	--	--	34.50
OU2MW-50I	OU-1 Union Boulevard (Ext.)	0.7	--	3.7	--	--	--	0.7	--	0.5	--	--	--	27.00	--	--	29.97
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	0.6	--	0.7	--	--	--	0.4	--	0.4	--	--	--	1.51	--	--	18.04
OU2MW-50D	OU-1 Union Boulevard (Ext.)	1.0	--	1.0	--	--	--	0.4	--	0.4	--	--	--	1.20	--	--	0.47
Temperature (degrees Celcius)																	
OU2MW-57S	66 North Clinton	14.5	--	20.3	--	--	--	--	16.0	--	10.3	--	11.2	--	--	--	19.91
OU2MW-57I	66 North Clinton	15.6	--	16.4	--	--	--	--	15.8	--	11.4	--	13.1	--	--	--	16.18
OU2MW-57I2	66 North Clinton	14.7	--	16.8	--	--	--	--	14.7	--	11.9	--	13.5	--	--	--	17.12
OZMW-16S	OU-1 Union Boulevard	15.8	--	18.9	--	--	--	--	13.9	--	11.2	--	--	11.9	--	--	17.25
OZMW-16I	OU-1 Union Boulevard	16.4	--	16.9	--	--	--	--	13.7	--	12.8	--	--	13.1	--	--	15.83
OZMW-16I2	OU-1 Union Boulevard	16.8	--	16.0	--	--	--	--	13.1	--	12.9	--	--	13.9	--	--	20.00
OZMW-16D	OU-1 Union Boulevard	15.4	--	17.9	--	--	--	--	12.6	--	12.8	--	--	13.9	--	--	19.80
OZMW-17S	OU-1 Union Boulevard	15.6	--	18.1	19.0	18.2	17.1	16.5	13.5	10.6	9.8	9.3	12.1	13.7	14.8	--	18.37
OZMW-17I	OU-1 Union Boulevard	16.1	--	17.4	16.5	16.0	15.5	15.4	14.3	12.6	12.0	11.8	13.2	13.8	13.7	--	16.4
OZMW-17I2	OU-1 Union Boulevard	15.3	--	17.7	16.2	16.2	15.3	13.9	13.4	12.2	12.5	11.9	13.6	14.1	14.0	--	16.5
OZMW-17D	OU-1 Union Boulevard	14.9	--	18.8	14.8	14.6	15.0	13.6	12.4	12.3	12.3	11.9	13.6	16.9	13.9	--	17.7
OZMW-18S	OU-1 Union Boulevard	14.8	--	18.6	--	--	--	16.3	--	--	--	9.2	--	--	14.0	--	17.34
OZMW-18I	OU-1 Union Boulevard	15.7	--	17.5	--	--	--	15.4	--	--	--	11.6	--	--	14.5	--	19.70
OZMW-18I2	OU-1 Union Boulevard	16.2	--	16.8	--	--	--	14.5	14.3	12.9	11.8	11.0	13.3	16.8	14.6	--	18.4
OZMW-18D	OU-1 Union Boulevard	15.8	--	18.3	--	--	--	14.1	13.8	12.8	12.4	11.0	13.2	17.0	15.5	--	17.9
OU2MW-50S	OU-1 Union Boulevard (Ext.)	13.2	--	19.6	--	--	--	15.3	--	6.0	--	--	--	12.11	--	--	16.90
OU2MW-50I	OU-1 Union Boulevard (Ext.)	14.8	--	17.5	--	--	--	14.2	--	12.7	--	--	--	13.6	--	--	14.60
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	14.7	--	17.5	--	--	--	13.7	--	12.0	--	--	--	13.7	--	--	18.79
OU2MW-50D	OU-1 Union Boulevard (Ext.)	14.2	--	18.4	--	--	--	14.2	--	12.2	--	--	--	13.6	--	--	13.64
Oxidation Reduction Potential (mV)																	
OU2MW-57S	66 North Clinton	9	--	-52	--	--	--	--	-61	--	88	--	-46	--	--	--	-16
OU2MW-57I	66 North Clinton	172	--	120	--	--	--	--	80	--	110	--	165	--	--	--	159
OU2MW-57I2	66 North Clinton	200	--	102	--	--	--	--	89	--	119	--	211	--	--	--	139
OZMW-16S	OU-1 Union Boulevard	179	--	48	--	--	--	--	186	--	166	--	--	212	--	--	278
OZMW-16I	OU-1 Union Boulevard	166	--	100	--	--	--	--	187	--	171	--	--	190	--	--	271
OZMW-16I2	OU-1 Union Boulevard	34	--	-65	--	--	--	--	141	--	182	--	--	188	--	--	125
OZMW-16D	OU-1 Union Boulevard	119	--	83	--	--	--	--	92	--	106	--	--	102	--	--	146
OZMW-17S	OU-1 Union Boulevard	154	--	18	107	-6	102	120	148	161	77	271	146	195	180	--	86
OZMW-17I	OU-1 Union Boulevard	151	--	68	101	90	64	156	142	165	132	242	132	213	173	--	92
OZMW-17I2	OU-1 Union Boulevard	170	--	157	148	143	92	211	120	211	159	265	106	202	152	--	82
OZMW-17D	OU-1 Union Boulevard	-19	--	24	15	4	83	16	23	10	-1	43	-7	-12	66	--	-29
OZMW-18S	OU-1 Union Boulevard	158	--	122	--	--	--	128	--	--	--	169	--	--	135	--	162
OZMW-18I	OU-1 Union Boulevard	154	--	91	--	--	--	124	--	--	--	139	--	--	109	--	75
OZMW-18I2	OU-1 Union Boulevard	80	--	-8	--	--	--	87	159	161	245	170	246	197	176	--	74
OZMW-18D	OU-1 Union Boulevard	-122	--	-62	--	--	--	-74	-11	107	98	121	79	54	142	--	44
OU2MW-50S	OU-1 Union Boulevard (Ext.)	210	--	117	--	--	--	174	--	234	--	--	--	233	--	--	207
OU2MW-50I	OU-1 Union Boulevard (Ext.)	95	--	124	--	--	--	75	--	157	--	--	--	209	--	--	242
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	222	--	156	--	--	--	135	--	174	--	--	--	212	--	--	271
OU2MW-50D	OU-1 Union Boulevard (Ext.)	-17	--	-8	--	--	--	24	--	23	--	--	--	8	--	--	97

Appendix G. Table G-1
Summary of Groundwater Parameter Data
OU-1 Oxygen Injection System
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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2014				2015											
		Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
pH (SU)																	
OU2MW-57S	66 North Clinton	--	5.42	--	--	5.75	--	--	5.72	--	--	5.8	--	--	4.8	--	--
OU2MW-57I	66 North Clinton	--	5.25	--	--	5.66	--	--	5.48	--	--	5.5	--	--	5.0	--	--
OU2MW-57I2	66 North Clinton	--	5.18	--	--	5.65	--	--	5.52	--	--	5.4	--	--	5.0	--	--
OZMW-16S	OU-1 Union Boulevard	--	5.98	--	--	6.56	--	--	6.68	--	--	6.3	--	--	6.1	--	--
OZMW-16I	OU-1 Union Boulevard	--	6.11	--	--	6.54	--	--	6.68	--	--	6.3	--	--	5.4	--	--
OZMW-16I2	OU-1 Union Boulevard	--	5.09	--	--	5.73	--	--	5.74	--	--	5.9	--	--	5.9	--	--
OZMW-16D	OU-1 Union Boulevard	--	4.27	--	--	4.21	--	--	4.77	--	--	4.5	--	--	4.3	--	--
OZMW-17S	OU-1 Union Boulevard	6.24	6.03	6.68	6.62	6.22	6.24	6.19	6.28	6.15	6.29	6.04	6.10	4.88	5.78	4.95	5.19
OZMW-17I	OU-1 Union Boulevard	6.60	5.99	7.14	7.01	6.70	6.49	6.73	6.55	6.62	6.67	6.53	6.61	5.25	5.25	5.40	5.85
OZMW-17I2	OU-1 Union Boulevard	5.84	5.60	6.45	6.33	6.01	5.50	5.40	5.47	5.53	5.54	5.33	5.59	4.80	4.89	5.06	5.18
OZMW-17D	OU-1 Union Boulevard	5.12	4.53	5.66	5.41	5.29	5.03	5.22	5.11	5.07	5.14	5.18	5.01	4.30	3.94	4.11	4.40
OZMW-18S	OU-1 Union Boulevard	--	6.54	--	--	6.71	--	--	6.62	--	--	6.6	--	--	6.1	--	--
OZMW-18I	OU-1 Union Boulevard	--	6.12	--	--	7.09	--	--	6.96	--	--	6.9	--	--	5.5	--	--
OZMW-18I2	OU-1 Union Boulevard	6.10	6.09	6.05	5.68	6.16	6.01	5.47	6.25	6.17	6.39	6.05	5.98	4.73	5.49	4.81	4.83
OZMW-18D	OU-1 Union Boulevard	5.22	4.74	5.28	4.40	4.81	4.72	4.52	5.22	4.95	5.27	5.03	5.18	4.35	4.56	4.32	4.44
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	5.49	--	--	5.03	--	--	5.10	--	--	5.0	--	--	4.2	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	5.51	--	--	6.02	--	--	5.70	--	--	5.5	--	--	4.9	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	4.79	--	--	4.83	--	--	4.83	--	--	4.8	--	--	4.2	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	4.83	--	--	5.45	--	--	5.12	--	--	5.0	--	--	4.2	--	--
Conductivity (mS/cm)																	
OU2MW-57S	66 North Clinton	--	0.556	--	--	0.366	--	--	0.501	--	--	0.4	--	--	0.5	--	--
OU2MW-57I	66 North Clinton	--	0.966	--	--	0.340	--	--	0.525	--	--	0.4	--	--	0.7	--	--
OU2MW-57I2	66 North Clinton	--	1.320	--	--	0.462	--	--	0.382	--	--	0.4	--	--	0.9	--	--
OZMW-16S	OU-1 Union Boulevard	--	0.421	--	--	0.441	--	--	0.453	--	--	0.4	--	--	0.3	--	--
OZMW-16I	OU-1 Union Boulevard	--	0.688	--	--	0.757	--	--	0.705	--	--	0.7	--	--	0.5	--	--
OZMW-16I2	OU-1 Union Boulevard	--	0.630	--	--	0.469	--	--	0.343	--	--	0.5	--	--	0.5	--	--
OZMW-16D	OU-1 Union Boulevard	--	0.197	--	--	0.228	--	--	0.209	--	--	0.2	--	--	0.2	--	--
OZMW-17S	OU-1 Union Boulevard	0.396	0.425	0.389	0.370	0.460	0.530	2.280	0.448	0.550	0.491	0.545	0.483	0.474	0.437	0.400	0.522
OZMW-17I	OU-1 Union Boulevard	0.572	0.695	0.658	0.673	0.707	0.710	0.680	0.698	0.680	0.658	0.631	0.529	0.589	0.533	0.585	0.666
OZMW-17I2	OU-1 Union Boulevard	0.525	0.553	0.614	0.624	0.575	1.030	0.672	0.597	0.563	0.499	0.510	0.443	0.507	0.439	0.432	0.464
OZMW-17D	OU-1 Union Boulevard	0.324	0.394	0.352	0.380	0.454	0.709	0.453	0.446	0.348	0.276	0.277	0.254	0.288	0.234	0.295	0.324
OZMW-18S	OU-1 Union Boulevard	--	0.488	--	--	0.503	--	--	0.533	--	--	0.7	--	--	0.4	--	--
OZMW-18I	OU-1 Union Boulevard	--	0.718	--	--	0.666	--	--	0.615	--	--	0.6	--	--	0.5	--	--
OZMW-18I2	OU-1 Union Boulevard	0.595	0.620	0.608	0.679	0.632	0.613	0.634	0.551	0.614	0.596	0.541	0.501	0.576	0.463	0.514	0.535
OZMW-18D	OU-1 Union Boulevard	0.561	0.717	0.558	0.622	0.613	0.823	0.653	0.552	0.535	0.495	0.488	0.404	0.472	0.421	0.419	0.452
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	0.251	--	--	0.292	--	--	0.200	--	--	0.2	--	--	0.1	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	0.291	--	--	0.430	--	--	0.518	--	--	0.3	--	--	0.5	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	0.472	--	--	0.474	--	--	0.480	--	--	0.4	--	--	0.4	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	0.233	--	--	0.196	--	--	0.17	--	--	0.2	--	--	0.2	--	--
Dissolved Oxygen (mg/L)																	
OU2MW-57S	66 North Clinton	--	1.09	--	--	5.15	--	--	9.74	--	--	4.9	--	--	7.6	--	--
OU2MW-57I	66 North Clinton	--	0.74	--	--	0.48	--	--	0.47	--	--	2.4	--	--	0.4	--	--
OU2MW-57I2	66 North Clinton	--	0.45	--	--	1.21	--	--	0.47	--	--	1.1	--	--	0.5	--	--
OZMW-16S	OU-1 Union Boulevard	--	29.36	--	--	45.6	--	--	39.61	--	--	21.7	--	--	33.0	--	--
OZMW-16I	OU-1 Union Boulevard	--	34.00	--	--	50.0	--	--	50.0	--	--	27.6	--	--	40.4	--	--
OZMW-16I2	OU-1 Union Boulevard	--	27.67	--	--	41.3	--	--	39.00	--	--	24.9	--	--	39.3	--	--
OZMW-16D	OU-1 Union Boulevard	--	1.10	--	--	1.0	--	--	0.48	--	--	1.6	--	--	15.2	--	--
OZMW-17S	OU-1 Union Boulevard	17.0	17.6	19.0	19.0	17.0	14.8	22.7	26.0	20.0	16.0	17.1	19.9	14.1	17.1	17.0	27.2
OZMW-17I	OU-1 Union Boulevard	30.0	25.7	21.0	23.0	39.3	14.2	34.8	26.0	26.0	24.0	21.8	24.3	20.1	37.3	18.0	40.9
OZMW-17I2	OU-1 Union Boulevard	13.0	10.4	9.0	12.0	11.3	8.5	11.3	6.0	6.0	6.0	6.4	14.1	15.1	21.0	19.0	46.5
OZMW-17D	OU-1 Union Boulevard	0.2	1.0	0.2	0.2	0.36	0.54	0.67	1.80	0.40	0.40	3.66	1.20	5.45	26.00	19.00	43.32
OZMW-18S	OU-1 Union Boulevard	--	27.60	--	--	25.35	--	--	29.04	--	--	21.2	--	--	27.0	--	--

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Well ID	Oxygen Injection System	2014				2015											
		Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
pH (SU)																	
OZMW-18I	OU-1 Union Boulevard	--	14.74	--	--	14.05	--	--	15.48	--	--	9.4	--	--	27.4	--	--
OZMW-18I2	OU-1 Union Boulevard	26.0	27.1	35.0	26.0	31.03	13.0	25.3	23.0	26.0	23.0	28.0	23.6	16.2	27.0	17.0	34.0
OZMW-18D	OU-1 Union Boulevard	25.0	23.6	26.0	25.0	19.64	0.42	13.1	26.0	26.0	27.0	27.0	21.0	18.0	25.0	19.0	32.0
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	40.45	--	--	41.5	--	--	34.9	--	--	23.5	--	--	40.3	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	40.40	--	--	50.0	--	--	44.8	--	--	44.7	--	--	48.0	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	50.00	--	--	47.9	--	--	12.0	--	--	9.0	--	--	47.8	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	1.10	--	--	0.95	--	--	0.4	--	--	1.3	--	--	1.2	--	--
Temperature (degrees Celcius)																	
OU2MW-57S	66 North Clinton	--	20.14	--	--	11.37	--	--	10.69	--	--	16.9	--	--	20.6	--	--
OU2MW-57I	66 North Clinton	--	16.15	--	--	12.92	--	--	12.39	--	--	13.7	--	--	15.0	--	--
OU2MW-57I2	66 North Clinton	--	15.42	--	--	12.56	--	--	11.88	--	--	15.2	--	--	14.9	--	--
OZMW-16S	OU-1 Union Boulevard	--	17.13	--	--	10.75	--	--	11.16	--	--	15.5	--	--	15.8	--	--
OZMW-16I	OU-1 Union Boulevard	--	14.18	--	--	11.44	--	--	12.37	--	--	14.2	--	--	14.7	--	--
OZMW-16I2	OU-1 Union Boulevard	--	14.93	--	--	11.66	--	--	12.72	--	--	14.9	--	--	13.2	--	--
OZMW-16D	OU-1 Union Boulevard	--	14.06	--	--	9.99	--	--	12.80	--	--	15.0	--	--	14.6	--	--
OZMW-17S	OU-1 Union Boulevard	17.5	16.9	14.4	13.56	10.83	8.54	8.30	9.94	12.95	15.67	16.70	17.52	18.57	17.08	15.07	14.48
OZMW-17I	OU-1 Union Boulevard	14.8	14.5	13.6	12.87	10.78	11.07	10.84	11.57	12.69	14.20	15.05	16.47	15.54	15.31	14.76	14.25
OZMW-17I2	OU-1 Union Boulevard	14.1	13.3	13.0	12.52	11.12	10.70	10.54	12.01	13.47	14.34	15.02	16.58	15.61	14.95	14.00	13.45
OZMW-17D	OU-1 Union Boulevard	13.9	13.4	12.6	12.25	10.05	10.01	10.48	12.51	13.84	14.46	15.17	16.05	15.05	13.48	13.68	13.14
OZMW-18S	OU-1 Union Boulevard	--	17.06	--	--	10.40	--	--	11.07	--	--	16.1	--	--	17.2	--	--
OZMW-18I	OU-1 Union Boulevard	--	15.15	--	--	11.26	--	--	11.77	--	--	14.7	--	--	15.9	--	--
OZMW-18I2	OU-1 Union Boulevard	14.9	14.4	13.7	12.78	11.51	12.27	12.25	12.64	12.22	14.18	15.19	15.49	15.28	14.72	14.30	14.32
OZMW-18D	OU-1 Union Boulevard	14.1	14.0	12.6	12.39	10.82	11.37	11.51	12.82	14.32	14.40	15.77	18.15	14.98	15.15	13.89	13.68
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	16.33	--	--	7.42	--	--	12.63	--	--	16.5	--	--	15.7	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	13.25	--	--	9.80	--	--	14.23	--	--	14.3	--	--	12.6	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	13.38	--	--	8.50	--	--	13.04	--	--	14.8	--	--	14.6	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	13.78	--	--	9.30	--	--	13.33	--	--	16.3	--	--	14.2	--	--
Oxidation Reduction Potential (mV)																	
OU2MW-57S	66 North Clinton	--	-53	--	--	36	--	--	115	--	--	17.0	--	--	27.0	--	--
OU2MW-57I	66 North Clinton	--	126	--	--	54	--	--	90	--	--	191.0	--	--	170.0	--	--
OU2MW-57I2	66 North Clinton	--	158	--	--	68	--	--	107	--	--	150.0	--	--	168.0	--	--
OZMW-16S	OU-1 Union Boulevard	--	127	--	--	254	--	--	164	--	--	221.0	--	--	118.0	--	--
OZMW-16I	OU-1 Union Boulevard	--	164	--	--	251	--	--	185	--	--	229.0	--	--	89.0	--	--
OZMW-16I2	OU-1 Union Boulevard	--	149	--	--	255	--	--	242	--	--	236.0	--	--	145.0	--	--
OZMW-16D	OU-1 Union Boulevard	--	173	--	--	192	--	--	231	--	--	157.0	--	--	139.0	--	--
OZMW-17S	OU-1 Union Boulevard	177	196	220	182	222	154	119	255	247	363	215	255	213	77	275	233
OZMW-17I	OU-1 Union Boulevard	154	71	208	145	235	159	140	256	248	190	212	230	211	204	258	227
OZMW-17I2	OU-1 Union Boulevard	132	199	218	108	220	264	222	269	272	272	277	278	253	224	282	264
OZMW-17D	OU-1 Union Boulevard	73	-2	65	50	58	87	91	69	80	43	48	56	109	166	260	286
OZMW-18S	OU-1 Union Boulevard	--	185	--	--	-31	--	--	148	--	--	196.0	--	--	126.0	--	--
OZMW-18I	OU-1 Union Boulevard	--	40	--	--	97	--	--	128	--	--	192.0	--	--	195.0	--	--
OZMW-18I2	OU-1 Union Boulevard	173	207	196	204	194	202	263	247	160	184	245	187	165	168	239	182
OZMW-18D	OU-1 Union Boulevard	119	53	176	183	192	162	173	182	200	119	116	105	108	104	185	175
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	173	--	--	207	--	--	268	--	--	341.0	--	--	280.0	--	--
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	203	--	--	219	--	--	250	--	--	385.0	--	--	184.0	--	--
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	215	--	--	247	--	--	268	--	--	340.0	--	--	218.0	--	--
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	109	--	--	66	--	--	127	--	--	81.0	--	--	133.0	--	--

Appendix G. Table G-1
Summary of Groundwater Parameter Data
OU-1 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2016												2017			
		Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17
pH (SU)																	
OU2MW-57S	66 North Clinton	5.56	--	--	--	6.29	--	5.81	--	--	--	6.01	--	5.61	--	--	5.99
OU2MW-57I	66 North Clinton	5.39	--	--	--	6.23	--	5.79	--	--	--	5.96	--	5.41	--	--	5.39
OU2MW-57I2	66 North Clinton	5.39	--	--	--	6.04	--	5.58	--	--	--	5.88	--	5.50	--	--	5.71
OZMW-16S	OU-1 Union Boulevard	4.85	--	--	--	6.37	--	6.94	--	--	6.79	--	--	6.87	--	--	6.97
OZMW-16I	OU-1 Union Boulevard	5.24	--	--	--	6.10	--	6.74	--	--	6.57	--	--	6.84	--	--	6.74
OZMW-16I2	OU-1 Union Boulevard	4.23	--	--	--	4.83	--	5.86	--	--	6.32	--	--	6.09	--	--	6.15
OZMW-16D	OU-1 Union Boulevard	3.27	--	--	--	4.04	--	4.97	--	--	4.81	--	--	4.95	--	--	5.06
OZMW-17S	OU-1 Union Boulevard	5.74	4.13	6.28	3.58	4.29	6.70	6.76	6.57	--	--	6.73	--	--	7.16	--	7.01
OZMW-17I	OU-1 Union Boulevard	6.23	5.17	6.66	4.27	4.63	6.94	7.10	6.94	--	--	6.97	--	--	7.37	--	7.20
OZMW-17I2	OU-1 Union Boulevard	5.68	4.38	5.55	3.07	3.07	5.71	6.07	6.17	--	--	6.26	--	--	6.57	--	6.41
OZMW-17D	OU-1 Union Boulevard	4.65	2.65	4.34	2.02	2.16	4.70	4.85	4.32	--	--	4.84	--	--	5.02	--	4.99
OZMW-18S	OU-1 Union Boulevard	6.76	--	--	--	6.55	--	7.19	--	--	--	7.18	--	--	7.31	--	7.27
OZMW-18I	OU-1 Union Boulevard	7.00	--	--	--	6.77	--	7.35	--	--	--	7.42	--	--	7.57	--	7.56
OZMW-18I2	OU-1 Union Boulevard	5.55	4.42	6.00	3.58	3.79	6.38	6.62	6.21	--	--	6.17	--	6.29	--	--	6.45
OZMW-18D	OU-1 Union Boulevard	5.05	3.23	5.13	2.72	2.74	5.43	5.50	5.21	--	--	5.32	--	5.67	--	--	5.79
OU2MW-50S	OU-1 Union Boulevard (Ext.)	3.40	--	--	--	4.89	--	4.81	--	--	--	4.60	--	4.75	--	--	6.24
OU2MW-50I	OU-1 Union Boulevard (Ext.)	4.44	--	--	--	6.05	--	5.80	--	--	--	5.89	--	5.82	--	--	5.89
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	3.68	--	--	--	5.44	--	5.20	--	--	--	5.14	--	5.15	--	--	5.20
OU2MW-50D	OU-1 Union Boulevard (Ext.)	3.99	--	--	--	5.79	--	5.49	--	--	--	5.37	--	5.31	--	--	5.52
Conductivity (mS/cm)																	
OU2MW-57S	66 North Clinton	0.333	--	--	--	0.393	--	0.672	--	--	--	0.508	--	0.401	--	--	0.442
OU2MW-57I	66 North Clinton	0.381	--	--	--	0.399	--	0.559	--	--	--	0.335	--	0.331	--	--	0.394
OU2MW-57I2	66 North Clinton	0.375	--	--	--	0.438	--	0.748	--	--	--	0.476	--	0.412	--	--	0.521
OZMW-16S	OU-1 Union Boulevard	0.508	--	--	--	0.543	--	6.410	--	--	0.269	--	--	0.355	--	--	0.583
OZMW-16I	OU-1 Union Boulevard	0.491	--	--	--	0.703	--	0.775	--	--	0.665	--	--	0.713	--	--	0.952
OZMW-16I2	OU-1 Union Boulevard	0.302	--	--	--	0.359	--	0.481	--	--	0.688	--	--	0.606	--	--	0.678
OZMW-16D	OU-1 Union Boulevard	0.164	--	--	--	0.200	--	0.229	--	--	0.216	--	--	0.251	--	--	0.326
OZMW-17S	OU-1 Union Boulevard	0.487	0.664	0.443	0.377	0.398	0.509	0.588	0.599	--	--	0.380	--	--	0.546	--	0.379
OZMW-17I	OU-1 Union Boulevard	0.675	0.494	0.653	0.504	0.543	0.659	0.715	0.692	--	--	0.721	--	--	0.648	--	0.479
OZMW-17I2	OU-1 Union Boulevard	0.493	0.354	0.427	0.326	0.336	0.457	0.523	0.606	--	--	0.630	--	--	0.540	--	0.347
OZMW-17D	OU-1 Union Boulevard	0.344	0.271	0.400	0.294	0.251	0.262	0.288	0.317	--	--	0.366	--	--	0.414	--	0.304
OZMW-18S	OU-1 Union Boulevard	0.489	--	--	--	0.523	--	0.331	--	--	--	0.597	--	--	0.603	--	0.434
OZMW-18I	OU-1 Union Boulevard	0.624	--	--	--	0.698	--	0.499	--	--	--	0.634	--	--	0.608	--	0.468
OZMW-18I2	OU-1 Union Boulevard	0.585	0.412	0.539	0.415	0.434	0.601	0.673	1.01	--	--	0.719	--	0.515	--	--	0.395
OZMW-18D	OU-1 Union Boulevard	0.517	0.391	0.366	0.334	0.326	0.443	0.448	0.492	--	--	0.528	--	0.504	--	--	0.333
OU2MW-50S	OU-1 Union Boulevard (Ext.)	0.163	--	--	--	0.240	--	0.102	--	--	--	0.117	--	0.147	--	--	0.399
OU2MW-50I	OU-1 Union Boulevard (Ext.)	0.307	--	--	--	0.512	--	0.329	--	--	--	0.519	--	0.438	--	--	0.751
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	0.319	--	--	--	0.482	--	0.277	--	--	--	0.408	--	0.409	--	--	0.673
OU2MW-50D	OU-1 Union Boulevard (Ext.)	0.115	--	--	--	0.171	--	0.117	--	--	--	0.188	--	0.188	--	--	0.236
Dissolved Oxygen (mg/L)																	
OU2MW-57S	66 North Clinton	7.81	--	--	--	6.1	--	5.83	--	--	--	4.85	--	3.00	--	--	2.37
OU2MW-57I	66 North Clinton	1.11	--	--	--	2.7	--	3.75	--	--	--	0.70	--	0.68	--	--	3.00
OU2MW-57I2	66 North Clinton	0.95	--	--	--	2.7	--	4.16	--	--	--	0.54	--	0.80	--	--	0.67
OZMW-16S	OU-1 Union Boulevard	30.14	--	--	--	35.0	--	25.75	--	--	29.60	--	--	36.80	--	--	20.31
OZMW-16I	OU-1 Union Boulevard	34.34	--	--	--	40.0	--	27.56	--	--	33.60	--	--	41.50	--	--	28.69
OZMW-16I2	OU-1 Union Boulevard	25.93	--	--	--	40.0	--	24.29	--	--	35.00	--	--	26.40	--	--	33.42
OZMW-16D	OU-1 Union Boulevard	0.18	--	--	--	0.52	--	3.18	--	--	2.70	--	--	2.00	--	--	0.36
OZMW-17S	OU-1 Union Boulevard	17.00	16.00	21.00	25.00	23.00	19.00	21.00	15.00	--	--	17.22	--	--	20.00	--	10.00
OZMW-17I	OU-1 Union Boulevard	16.00	17.00	25.00	23.00	24.00	21.00	22.00	34.00	--	--	18.89	--	--	24.00	--	23.00
OZMW-17I2	OU-1 Union Boulevard	15.00	16.00	20.00	23.00	20.00	24.00	22.00	33.00	--	--	20.43	--	--	26.00	--	22.00
OZMW-17D	OU-1 Union Boulevard	21.00	21.00	24.00	25.00	23.00	24.00	24.00	33.00	--	--	20.04	--	--	20.00	--	35.28
OZMW-18S	OU-1 Union Boulevard	38.10	--	--	--	32.0	--	25.08	--	--	--	30.95	--	--	17.00	--	23.21

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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2016												2017			
		Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17
pH (SU)																	
OZMW-18I	OU-1 Union Boulevard	18.50	--	--	--	14.9	--	14.80	--	--	--	18.32	--	--	16.00	--	13.99
OZMW-18I2	OU-1 Union Boulevard	15.00	15.00	28.00	21.00	23.00	22.00	22.00	21.00	--	--	14.75	--	5.00	--	--	21.00
OZMW-18D	OU-1 Union Boulevard	17.00	18.00	23.00	19.00	23.00	17.00	17.00	18.00	--	--	15.12	--	21.00	--	--	14.00
OU2MW-50S	OU-1 Union Boulevard (Ext.)	33.88	--	--	--	18.0	--	23.69	--	--	--	23.20	--	23.00	--	--	39.00
OU2MW-50I	OU-1 Union Boulevard (Ext.)	41.50	--	--	--	20.0	--	25.10	--	--	--	28.80	--	21.20	--	--	41.72
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	36.03	--	--	--	6.9	--	17.11	--	--	--	18.00	--	18.10	--	--	0.68
OU2MW-50D	OU-1 Union Boulevard (Ext.)	3.34	--	--	--	2.2	--	3.34	--	--	--	2.10	--	1.90	--	--	0.37
Temperature (degrees Celcius)																	
OU2MW-57S	66 North Clinton	14.62	--	--	--	13.70	--	19.71	--	--	--	16.16	--	11.65	--	--	12.61
OU2MW-57I	66 North Clinton	15.17	--	--	--	13.59	--	16.86	--	--	--	14.92	--	13.74	--	--	13.43
OU2MW-57I2	66 North Clinton	14.22	--	--	--	14.10	--	17.02	--	--	--	14.02	--	13.44	--	--	14.86
OZMW-16S	OU-1 Union Boulevard	12.68	--	--	--	11.39	--	15.81	--	--	17.80	--	--	11.20	--	--	15.94
OZMW-16I	OU-1 Union Boulevard	14.28	--	--	--	11.68	--	15.75	--	--	15.58	--	--	12.01	--	--	16.81
OZMW-16I2	OU-1 Union Boulevard	13.91	--	--	--	11.75	--	15.67	--	--	16.11	--	--	11.19	--	--	14.66
OZMW-16D	OU-1 Union Boulevard	14.07	--	--	--	11.45	--	15.72	--	--	14.79	--	--	10.96	--	--	17.35
OZMW-17S	OU-1 Union Boulevard	13.17	12.42	11.20	13.65	16.39	21.51	16.97	19.95	--	--	16.71	--	--	11.72	--	12.00
OZMW-17I	OU-1 Union Boulevard	13.52	14.69	12.80	14.95	16.27	20.82	15.85	16.92	--	--	15.55	--	--	13.46	--	12.87
OZMW-17I2	OU-1 Union Boulevard	12.65	13.97	12.70	15.23	16.35	19.56	15.27	18.32	--	--	14.04	--	--	12.44	--	13.11
OZMW-17D	OU-1 Union Boulevard	12.18	13.91	12.30	15.09	16.62	18.34	14.88	20.02	--	--	13.69	--	--	12.15	--	13.08
OZMW-18S	OU-1 Union Boulevard	11.40	--	--	--	11.28	--	17.81	--	--	--	15.27	--	--	13.13	--	13.54
OZMW-18I	OU-1 Union Boulevard	12.30	--	--	--	11.79	--	15.75	--	--	--	14.45	--	--	13.52	--	14.54
OZMW-18I2	OU-1 Union Boulevard	13.55	14.73	12.70	15.26	15.98	17.65	15.60	17.54	--	--	14.60	--	14.02	--	--	14.59
OZMW-18D	OU-1 Union Boulevard	12.71	14.55	9.70	15.34	15.97	16.14	15.54	17.27	--	--	14.34	--	13.92	--	--	14.88
OU2MW-50S	OU-1 Union Boulevard (Ext.)	13.26	--	--	--	13.67	--	20.21	--	--	--	16.18	--	11.41	--	--	12.85
OU2MW-50I	OU-1 Union Boulevard (Ext.)	14.68	--	--	--	15.09	--	18.64	--	--	--	13.27	--	12.32	--	--	15.24
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	13.61	--	--	--	14.52	--	17.97	--	--	--	13.59	--	11.44	--	--	15.24
OU2MW-50D	OU-1 Union Boulevard (Ext.)	13.55	--	--	--	14.8	--	17.68	--	--	--	13.82	--	11.28	--	--	14.34
Oxidation Reduction Potential (mV)																	
OU2MW-57S	66 North Clinton	69	--	--	--	-38	--	-45.00	--	--	--	-71	--	-13	--	--	2
OU2MW-57I	66 North Clinton	91	--	--	--	108	--	145.00	--	--	--	101	--	136	--	--	217
OU2MW-57I2	66 North Clinton	81	--	--	--	227	--	185.00	--	--	--	125	--	224	--	--	152
OZMW-16S	OU-1 Union Boulevard	286	--	--	--	154	--	136.00	--	--	185	--	--	172	--	--	147
OZMW-16I	OU-1 Union Boulevard	294	--	--	--	156	--	201.00	--	--	237	--	--	153	--	--	252
OZMW-16I2	OU-1 Union Boulevard	328	--	--	--	200	--	222.00	--	--	239	--	--	160	--	--	141
OZMW-16D	OU-1 Union Boulevard	239	--	--	--	143	--	144.00	--	--	113	--	--	115	--	--	133
OZMW-17S	OU-1 Union Boulevard	184	276	146	295	172	141	212.00	154.00	--	--	112	--	--	185	--	157
OZMW-17I	OU-1 Union Boulevard	185	271	120	255	195	149	240.00	202.00	--	--	134	--	--	203	--	166
OZMW-17I2	OU-1 Union Boulevard	215	317	160	338	290	210	266.00	227.00	--	--	174	--	--	243	--	225
OZMW-17D	OU-1 Union Boulevard	217	247	168	226	204	187	179.00	242.00	--	--	149	--	--	129	--	219
OZMW-18S	OU-1 Union Boulevard	176	--	--	--	147	--	185.00	--	--	--	103	--	--	94	--	258
OZMW-18I	OU-1 Union Boulevard	170	--	--	--	126	--	145.00	--	--	--	97	--	--	88	--	230
OZMW-18I2	OU-1 Union Boulevard	175	283	125	261	225	156	165.00	229.00	--	--	120	--	162	--	--	282
OZMW-18D	OU-1 Union Boulevard	135	169	176	132	115	64	68.00	68.00	--	--	78	--	102	--	--	130
OU2MW-50S	OU-1 Union Boulevard (Ext.)	443	--	--	--	397	--	340.00	--	--	--	305	--	274	--	--	289
OU2MW-50I	OU-1 Union Boulevard (Ext.)	252	--	--	--	311	--	279.00	--	--	--	225	--	183	--	--	214
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	397	--	--	--	300	--	267.00	--	--	--	230	--	190	--	--	190
OU2MW-50D	OU-1 Union Boulevard (Ext.)	119	--	--	--	44	--	12.00	--	--	--	11	--	11	--	--	39

Appendix G. Table G-1
Summary of Groundwater Parameter Data
OU-1 Oxygen Injection System
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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2017		Baseline Average	Historical Average	Q3 2016 - Q2 2017 Average
		May-17	Jun-17			
pH (SU)						
OU2MW-57S	66 North Clinton	--	--	**NS**	**5.84**	**5.86**
OU2MW-57I	66 North Clinton	--	--	**NS**	**5.64**	**5.64**
OU2MW-57I2	66 North Clinton	--	--	**NS**	**5.69**	**5.67**
OZMW-16S	OU-1 Union Boulevard	--	--	**6.32**	**6.39**	**6.89**
OZMW-16I	OU-1 Union Boulevard	--	--	**5.95**	**6.46**	**6.72**
OZMW-16I2	OU-1 Union Boulevard	--	--	**5.46**	**5.88**	**6.11**
OZMW-16D	OU-1 Union Boulevard	--	--	**5.08**	**4.75**	**4.95**
OZMW-17S	OU-1 Union Boulevard	--	--	**6.61**	**6.41**	**6.85**
OZMW-17I	OU-1 Union Boulevard	--	--	**6.54**	**6.60**	**7.12**
OZMW-17I2	OU-1 Union Boulevard	--	--	**5.66**	**5.70**	**6.30**
OZMW-17D	OU-1 Union Boulevard	--	--	**5.49**	**5.17**	**4.80**
OZMW-18S	OU-1 Union Boulevard	--	--	**6.08**	**6.53**	**7.24**
OZMW-18I	OU-1 Union Boulevard	--	--	**6.52**	**6.71**	**7.48**
OZMW-18I2	OU-1 Union Boulevard	--	--	**6.61**	**5.86**	**6.35**
OZMW-18D	OU-1 Union Boulevard	--	--	**5.92**	**5.18**	**5.50**
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	**5.87**	**5.47**	**5.10**
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	**5.49**	**5.53**	**5.85**
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	**4.85**	**4.88**	**5.17**
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	**5.35**	**5.30**	**5.42**
Conductivity (mS/cm)						
OU2MW-57S	66 North Clinton	--	--	**NS**	**0.455**	**0.506**
OU2MW-57I	66 North Clinton	--	--	**NS**	**0.467**	**0.405**
OU2MW-57I2	66 North Clinton	--	--	**NS**	**0.543**	**0.539**
OZMW-16S	OU-1 Union Boulevard	--	--	**0.645**	**0.492**	**1.904**
OZMW-16I	OU-1 Union Boulevard	--	--	**0.656**	**0.719**	**0.776**
OZMW-16I2	OU-1 Union Boulevard	--	--	**0.634**	**0.503**	**0.613**
OZMW-16D	OU-1 Union Boulevard	--	--	**2.190**	**0.253**	**0.256**
OZMW-17S	OU-1 Union Boulevard	--	--	**0.768**	**0.581**	**0.498**
OZMW-17I	OU-1 Union Boulevard	--	--	**0.601**	**0.657**	**0.651**
OZMW-17I2	OU-1 Union Boulevard	--	--	**0.382**	**0.506**	**0.529**
OZMW-17D	OU-1 Union Boulevard	--	--	**0.983**	**0.376**	**0.338**
OZMW-18S	OU-1 Union Boulevard	--	--	**0.641**	**0.588**	**0.491**
OZMW-18I	OU-1 Union Boulevard	--	--	**0.572**	**0.684**	**0.552**
OZMW-18I2	OU-1 Union Boulevard	--	--	**0.654**	**0.558**	**0.662**
OZMW-18D	OU-1 Union Boulevard	--	--	**1.910**	**0.667**	**0.461**
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	**0.240**	**0.262**	**0.191**
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	**0.493**	**0.473**	**0.509**
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	**0.269**	**0.424**	**0.442**
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	**0.505**	**0.295**	**0.182**
Dissolved Oxygen (mg/L)						
OU2MW-57S	66 North Clinton	--	--	**NS**	**3.5**	**4.0**
OU2MW-57I	66 North Clinton	--	--	**NS**	**2.4**	**2.0**
OU2MW-57I2	66 North Clinton	--	--	**NS**	**1.1**	**1.5**
OZMW-16S	OU-1 Union Boulevard	--	--	**19.3**	**29.1**	**28.1**
OZMW-16I	OU-1 Union Boulevard	--	--	**26.0**	**34.2**	**32.8**
OZMW-16I2	OU-1 Union Boulevard	--	--	**0.7**	**12.4**	**29.8**
OZMW-16D	OU-1 Union Boulevard	--	--	**0.0**	**1.5**	**2.1**
OZMW-17S	OU-1 Union Boulevard	--	--	**12.8**	**19.2**	**16.6**
OZMW-17I	OU-1 Union Boulevard	--	--	**16.1**	**26.7**	**24.4**
OZMW-17I2	OU-1 Union Boulevard	--	--	**3.1**	**9.4**	**24.7**
OZMW-17D	OU-1 Union Boulevard	--	--	**0.1**	**3.8**	**26.5**
OZMW-18S	OU-1 Union Boulevard	--	--	**17.6**	**26.4**	**24.1**

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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2017		Baseline Average	Historical Average	Q3 2016 - Q2 2017 Average
		May-17	Jun-17			
pH (SU)						
OZMW-18I	OU-1 Union Boulevard	--	--	**3.5**	**17.8**	**15.8**
OZMW-18I2	OU-1 Union Boulevard	--	--	**1.3**	**17.8**	**16.8**
OZMW-18D	OU-1 Union Boulevard	--	--	**0.0**	**13.7**	**17.0**
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	**0.3**	**26.3**	**27.2**
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	**0.2**	**16.4**	**29.2**
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	**5.1**	**11.1**	**13.5**
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	**0.3**	**1.3**	**1.9**
Temperature (degrees Celcius)						
OU2MW-57S	66 North Clinton	--	--	**NS**	**16.1**	**15.0**
OU2MW-57I	66 North Clinton	--	--	**NS**	**14.9**	**14.7**
OU2MW-57I2	66 North Clinton	--	--	**NS**	**14.9**	**14.8**
OZMW-16S	OU-1 Union Boulevard	--	--	**14.8**	**14.0**	**15.2**
OZMW-16I	OU-1 Union Boulevard	--	--	**14.4**	**14.2**	**15.0**
OZMW-16I2	OU-1 Union Boulevard	--	--	**14.0**	**14.1**	**14.4**
OZMW-16D	OU-1 Union Boulevard	--	--	**13.6**	**13.9**	**14.7**
OZMW-17S	OU-1 Union Boulevard	--	--	**15.2**	**14.8**	**15.5**
OZMW-17I	OU-1 Union Boulevard	--	--	**14.8**	**14.4**	**14.9**
OZMW-17I2	OU-1 Union Boulevard	--	--	**14.6**	**14.0**	**14.6**
OZMW-17D	OU-1 Union Boulevard	--	--	**14.2**	**14.2**	**14.8**
OZMW-18S	OU-1 Union Boulevard	--	--	**14.5**	**14.2**	**14.9**
OZMW-18I	OU-1 Union Boulevard	--	--	**14.5**	**14.6**	**14.6**
OZMW-18I2	OU-1 Union Boulevard	--	--	**15.1**	**14.3**	**15.3**
OZMW-18D	OU-1 Union Boulevard	--	--	**14.1**	**14.2**	**15.2**
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	**10.4**	**14.1**	**15.2**
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	**12.4**	**14.4**	**14.9**
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	**13.1**	**14.2**	**14.6**
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	**12.1**	**13.9**	**14.3**
Oxidation Reduction Potential (mV)						
OU2MW-57S	66 North Clinton	--	--	**NS**	**-23**	**-32**
OU2MW-57I	66 North Clinton	--	--	**NS**	**125**	**150**
OU2MW-57I2	66 North Clinton	--	--	**NS**	**144**	**172**
OZMW-16S	OU-1 Union Boulevard	--	--	**106**	**170**	**160**
OZMW-16I	OU-1 Union Boulevard	--	--	**187**	**181**	**211**
OZMW-16I2	OU-1 Union Boulevard	--	--	**80**	**74**	**191**
OZMW-16D	OU-1 Union Boulevard	--	--	**65**	**126**	**126**
OZMW-17S	OU-1 Union Boulevard	--	--	**33**	**148**	**164**
OZMW-17I	OU-1 Union Boulevard	--	--	**61**	**165**	**189**
OZMW-17I2	OU-1 Union Boulevard	--	--	**107**	**182**	**227**
OZMW-17D	OU-1 Union Boulevard	--	--	**32**	**76**	**184**
OZMW-18S	OU-1 Union Boulevard	--	--	**51**	**146**	**160**
OZMW-18I	OU-1 Union Boulevard	--	--	**-48**	**131**	**140**
OZMW-18I2	OU-1 Union Boulevard	--	--	**-81**	**164**	**192**
OZMW-18D	OU-1 Union Boulevard	--	--	**-53**	**64**	**89**
OU2MW-50S	OU-1 Union Boulevard (Ext.)	--	--	**-76**	**198**	**302**
OU2MW-50I	OU-1 Union Boulevard (Ext.)	--	--	**126**	**172**	**225**
OU2MW-50I2	OU-1 Union Boulevard (Ext.)	--	--	**74**	**204**	**219**
OU2MW-50D	OU-1 Union Boulevard (Ext.)	--	--	**-46**	**37**	**18**

Appendix G. Table G-2
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OU-2 Oxygen Injection System
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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2004			2005							2006				
		Apr-04	Aug-04	Dec-04	Mar-05	Jun-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06
pH (SU)																
OU2MW-30S	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	Montauk Highway	--	--	--	--	--	6.88	--	--	--	--	--	6.97	6.62	--	--
OU2MW-02I	Montauk Highway	--	--	--	--	--	6.12	--	--	--	--	--	6.23	--	--	--
OU2MW-02I2	Montauk Highway	--	--	--	--	--	6.14	--	--	--	--	--	6.33	--	--	--
OU2MW-02D	Montauk Highway	--	--	--	--	--	5.74	--	--	--	--	--	5.69	--	--	--
OU2MW-55S	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conductivity (mS/cm)																
OU2MW-30S	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	Montauk Highway	--	--	--	--	--	0.405	--	--	--	--	--	0.565	0.885	--	--
OU2MW-02I	Montauk Highway	--	--	--	--	--	0.178	--	--	--	--	--	0.263	--	--	--
OU2MW-02I2	Montauk Highway	--	--	--	--	--	0.122	--	--	--	--	--	0.100	--	--	--
OU2MW-02D	Montauk Highway	--	--	--	--	--	0.037	--	--	--	--	--	0.049	--	--	--
OU2MW-55S	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Summary of Groundwater Parameter Data
OU-2 Oxygen Injection System
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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2004			2005							2006				
		Apr-04	Aug-04	Dec-04	Mar-05	Jun-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06
Dissolved Oxygen (mg/L)																
OU2MW-30S	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	Montauk Highway	--	--	--	--	--	1.8	--	--	--	--	--	0.0	0.0	--	--
OU2MW-02I	Montauk Highway	--	--	--	--	--	0.4	--	--	--	--	--	0.0	--	--	--
OU2MW-02I2	Montauk Highway	--	--	--	--	--	0.5	--	--	--	--	--	0.0	--	--	--
OU2MW-02D	Montauk Highway	--	--	--	--	--	0.9	--	--	--	--	--	0.0	--	--	--
OU2MW-55S	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature (degrees Celcius)																
OU2MW-30S	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	Montauk Highway	--	--	--	--	--	16.7	--	--	--	--	--	11.8	13.5	--	--
OU2MW-02I	Montauk Highway	--	--	--	--	--	18.0	--	--	--	--	--	12.4	--	--	--
OU2MW-02I2	Montauk Highway	--	--	--	--	--	16.0	--	--	--	--	--	11.7	--	--	--
OU2MW-02D	Montauk Highway	--	--	--	--	--	17.2	--	--	--	--	--	11.6	--	--	--
OU2MW-55S	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-2
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Well ID	Oxygen Injection System	2004			2005							2006				
		Apr-04	Aug-04	Dec-04	Mar-05	Jun-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06
Oxidation Reduction Potential (mV)																
OU2MW-30S	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	9 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	33 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	34 North Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	Cooper Lane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	Montauk Highway	--	--	--	--	--	-183	--	--	--	--	--	-155	-115	--	--
OU2MW-02I	Montauk Highway	--	--	--	--	--	101	--	--	--	--	--	51	--	--	--
OU2MW-02I2	Montauk Highway	--	--	--	--	--	-6	--	--	--	--	--	-33	--	--	--
OU2MW-02D	Montauk Highway	--	--	--	--	--	69	--	--	--	--	--	26	--	--	--
OU2MW-55S	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	29 Community	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	2006							2007								2007		
	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07
pH (SU)																		
OU2MW-30S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	6.81	--	--	6.72	--	7.15	--	--	--	6.26	--	6.49	--	--	--	6.63	--	6.29
OU2MW-02I	6.22	--	--	6.26	--	6.61	--	--	--	5.48	--	6.06	--	--	--	6.61	--	6.16
OU2MW-02I2	5.83	--	--	6.11	--	6.43	--	--	--	6.20	--	5.99	--	--	--	6.46	--	6.16
OU2MW-02D	4.97	--	--	5.27	--	--	--	--	--	5.40	--	5.64	--	--	--	5.64	--	5.34
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conductivity (mS																		
OU2MW-30S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	0.514	--	--	0.406	--	0.444	--	--	--	0.432	--	0.654	--	--	--	0.390	--	0.448
OU2MW-02I	0.199	--	--	0.201	--	0.230	--	--	--	0.271	--	0.301	--	--	--	0.186	--	0.237
OU2MW-02I2	0.067	--	--	0.064	--	0.068	--	--	--	0.087	--	0.093	--	--	--	0.072	--	0.071
OU2MW-02D	0.036	--	--	0.036	--	--	--	--	--	0.050	--	0.042	--	--	--	0.038	--	0.035
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	2006							2007								2007		
	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07
Dissolved Oxyge																		
OU2MW-30S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	1.1	--	--	0.0	--	0.0	--	--	--	20.0	--	0.0	--	--	--	0.1	--	10.5
OU2MW-02I	1.6	--	--	0.0	--	0.0	--	--	--	0.0	--	0.0	--	--	--	0.0	--	2.1
OU2MW-02I2	1.5	--	--	0.0	--	0.0	--	--	--	0.0	--	0.0	--	--	--	0.0	--	0.0
OU2MW-02D	1.6	--	--	0.0	--	--	--	--	--	0.0	--	0.0	--	--	--	0.0	--	0.0
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature (deg																		
OU2MW-30S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	16.3	--	--	17.8	--	17.2	--	--	--	11.5	--	13.2	--	--	--	21.1	--	11.2
OU2MW-02I	16.1	--	--	16.6	--	14.0	--	--	--	11.1	--	13.6	--	--	--	19.8	--	11.4
OU2MW-02I2	15.2	--	--	17.9	--	15.1	--	--	--	13.0	--	12.4	--	--	--	18.8	--	11.6
OU2MW-02D	14.4	--	--	19.9	--	--	--	--	--	11.2	--	12.3	--	--	--	16.6	--	10.7
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	2006							2007								2007		
	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07
Oxidation Reduct																		
OU2MW-30S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30D2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	-176	--	--	-145	--	-131	--	--	--	57	--	-84	--	--	--	-40	--	65
OU2MW-02I	69	--	--	118.2	--	40	--	--	--	52	--	59	--	--	--	32	--	73
OU2MW-02I2	-15	--	--	-25	--	-3	--	--	--	-25	--	1	--	--	--	-15	--	18
OU2MW-02D	105	--	--	85	--	--	--	--	--	65	--	98	--	--	--	102	--	112
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-2
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OU-2 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	2007	2008												2009				
	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Baseline Jan-09	Jan-09	Feb-09	Mar-09	Apr-09
pH (SU)																		
OU2MW-30S	--	--	--	--	--	--	--	--	--	6.24	--	--	6.58	--	--	6.01	5.90	6.39
OU2MW-30I	--	--	--	--	--	--	--	--	--	6.63	--	--	7.03	--	--	6.27	6.16	6.30
OU2MW-30I2	--	--	--	--	--	--	--	--	--	6.53	--	--	6.95	--	--	6.15	6.04	6.37
OU2MW-30I3	--	--	--	--	--	--	--	--	--	6.09	--	--	6.50	--	--	5.72	5.72	6.14
OU2MW-30D	--	--	--	--	--	--	--	--	--	6.00	--	--	6.34	--	--	5.64	5.59	6.10
OU2MW-30D2	--	--	--	--	--	--	--	--	--	6.21	--	--	6.49	--	--	5.76	5.67	5.82
OU2MW-39S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.67	6.03
OU2MW-39I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.49	6.39
OU2MW-39I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.60	4.95
OU2MW-39D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.97	5.38
OU2MW-47S	--	--	--	--	--	--	--	--	--	--	--	--	--	6.33	6.09	5.78	5.44	5.90
OU2MW-47I	--	--	--	--	--	--	--	--	--	--	--	--	--	6.55	6.25	6.18	5.84	6.38
OU2MW-47I2	--	--	--	--	--	--	--	--	--	--	--	--	--	6.28	6.16	6.16	5.91	6.26
OU2MW-47D	--	--	--	--	--	--	--	--	--	--	--	--	--	5.55	5.42	5.35	5.19	5.63
OU2MW-19I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	--	--	6.40	--	--	6.32	--	--	--	6.12	--	6.27	--	--	--	5.92	--	--
OU2MW-02I	--	--	5.98	--	--	5.74	--	--	--	6.19	--	6.31	--	--	--	6.01	--	--
OU2MW-02I2	--	--	6.01	--	--	6.30	--	--	--	5.98	--	6.16	--	--	--	5.96	--	--
OU2MW-02D	--	--	5.50	--	--	5.07	--	--	--	5.33	--	5.80	--	--	--	5.36	--	--
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conductivity (mS																		
OU2MW-30S	--	--	--	--	--	--	--	--	--	0.627	--	--	0.434	--	--	0.393	0.420	0.391
OU2MW-30I	--	--	--	--	--	--	--	--	--	0.905	--	--	0.522	--	--	0.511	0.535	0.596
OU2MW-30I2	--	--	--	--	--	--	--	--	--	0.379	--	--	0.463	--	--	0.431	0.457	0.429
OU2MW-30I3	--	--	--	--	--	--	--	--	--	0.904	--	--	0.589	--	--	0.689	0.730	0.595
OU2MW-30D	--	--	--	--	--	--	--	--	--	0.343	--	--	0.582	--	--	0.638	0.661	0.590
OU2MW-30D2	--	--	--	--	--	--	--	--	--	0.642	--	--	0.482	--	--	0.560	0.607	0.451
OU2MW-39S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.211	0.242
OU2MW-39I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.408	0.649
OU2MW-39I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.233	0.342
OU2MW-39D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.133	0.138
OU2MW-47S	--	--	--	--	--	--	--	--	--	--	--	--	--	0.303	0.350	0.265	0.320	0.256
OU2MW-47I	--	--	--	--	--	--	--	--	--	--	--	--	--	0.640	0.960	0.662	1.020	0.722
OU2MW-47I2	--	--	--	--	--	--	--	--	--	--	--	--	--	0.490	0.719	0.446	0.530	0.513
OU2MW-47D	--	--	--	--	--	--	--	--	--	--	--	--	--	0.341	0.503	0.386	0.434	0.376
OU2MW-19I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	--	--	0.453	--	--	0.467	--	--	--	0.913	--	0.596	--	--	--	0.479	--	--
OU2MW-02I	--	--	0.230	--	--	0.201	--	--	--	0.460	--	0.271	--	--	--	0.279	--	--
OU2MW-02I2	--	--	0.080	--	--	0.064	--	--	--	0.152	--	0.930	--	--	--	0.104	--	--
OU2MW-02D	--	--	0.039	--	--	0.046	--	--	--	0.078	--	0.057	--	--	--	0.063	--	--
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU-2 Oxygen Injection System
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Bay Shore/Brightwaters Former MGP Site

Well ID	2007	2008												2009				
	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Baseline Jan-09	Jan-09	Feb-09	Mar-09	Apr-09
Dissolved Oxyge																		
OU2MW-30S	--	--	--	--	--	--	--	--	--	0.0	--	--	0.0	--	--	0.0	0.0	22.0
OU2MW-30I	--	--	--	--	--	--	--	--	--	0.0	--	--	0.0	--	--	0.0	1.0	25.0
OU2MW-30I2	--	--	--	--	--	--	--	--	--	2.0	--	--	0.0	--	--	0.0	2.1	42.0
OU2MW-30I3	--	--	--	--	--	--	--	--	--	0.0	--	--	0.0	--	--	0.0	15.8	37.0
OU2MW-30D	--	--	--	--	--	--	--	--	--	1.6	--	--	0.0	--	--	0.0	2.1	32.0
OU2MW-30D2	--	--	--	--	--	--	--	--	--	0.0	--	--	0.0	--	--	0.0	0.0	29.0
OU2MW-39S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.8	1.9
OU2MW-39I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.2	2.7
OU2MW-39I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.0
OU2MW-39D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.0
OU2MW-47S	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.0	9.9	20.0	22.0
OU2MW-47I	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.0	24.0	20.0	26.0
OU2MW-47I2	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	6.8	36.0	20.0	22.0
OU2MW-47D	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	11.2	30.0	20.0	23.0
OU2MW-19I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	--	--	3.7	--	--	0.0	--	--	--	4.5	--	3.5	--	--	--	12.1	--	--
OU2MW-02I	--	--	1.0	--	--	0.0	--	--	--	0.0	--	0.0	--	--	--	0.0	--	--
OU2MW-02I2	--	--	0.0	--	--	0.0	--	--	--	0.0	--	0.0	--	--	--	0.0	--	--
OU2MW-02D	--	--	0.0	--	--	0.0	--	--	--	0.0	--	0.0	--	--	--	0.0	--	--
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature (deg																		
OU2MW-30S	--	--	--	--	--	--	--	--	--	20.6	--	--	13.5	--	--	10.9	10.3	11.6
OU2MW-30I	--	--	--	--	--	--	--	--	--	16.6	--	--	13.8	--	--	12.6	12.1	13.4
OU2MW-30I2	--	--	--	--	--	--	--	--	--	16.6	--	--	13.8	--	--	13.1	11.7	12.6
OU2MW-30I3	--	--	--	--	--	--	--	--	--	17.3	--	--	13.1	--	--	12.4	12.1	12.2
OU2MW-30D	--	--	--	--	--	--	--	--	--	16.3	--	--	13.3	--	--	12.3	11.9	12.5
OU2MW-30D2	--	--	--	--	--	--	--	--	--	17.5	--	--	13.3	--	--	11.9	11.9	12.8
OU2MW-39S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.2	8.9
OU2MW-39I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12.9	11.6
OU2MW-39I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12.0	12.0
OU2MW-39D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11.9	11.2
OU2MW-47S	--	--	--	--	--	--	--	--	--	--	--	--	--	12.6	10.8	10.5	10.9	12.2
OU2MW-47I	--	--	--	--	--	--	--	--	--	--	--	--	--	13.8	13.0	12.5	12.3	12.9
OU2MW-47I2	--	--	--	--	--	--	--	--	--	--	--	--	--	13.1	12.1	12.6	12.9	14.0
OU2MW-47D	--	--	--	--	--	--	--	--	--	--	--	--	--	13.4	12.6	12.0	12.3	14.4
OU2MW-19I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	--	--	7.6	--	--	13.5	--	--	--	21.2	--	12.8	--	--	--	10.9	--	--
OU2MW-02I	--	--	8.5	--	--	13.6	--	--	--	19.6	--	11.7	--	--	--	11.0	--	--
OU2MW-02I2	--	--	9.7	--	--	12.2	--	--	--	15.9	--	12.2	--	--	--	10.2	--	--
OU2MW-02D	--	--	9.3	--	--	11.7	--	--	--	15.5	--	11.4	--	--	--	10.4	--	--
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	2007	2008												2009				
	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Baseline Jan-09	Jan-09	Feb-09	Mar-09	Apr-09
Oxidation Reduct																		
OU2MW-30S	--	--	--	--	--	--	--	--	--	-1	--	--	12	--	--	22	38	169
OU2MW-30I	--	--	--	--	--	--	--	--	--	-141	--	--	-113	--	--	-102	-74	41
OU2MW-30I2	--	--	--	--	--	--	--	--	--	-47	--	--	-64	--	--	-48	-21	160
OU2MW-30I3	--	--	--	--	--	--	--	--	--	31	--	--	-32	--	--	57	77	188
OU2MW-30D	--	--	--	--	--	--	--	--	--	113	--	--	73	--	--	76	85	191
OU2MW-30D2	--	--	--	--	--	--	--	--	--	-101	--	--	-146	--	--	-41	-35	109
OU2MW-39S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147	184
OU2MW-39I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	17	-20
OU2MW-39I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	128	135
OU2MW-39D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	38	60
OU2MW-47S	--	--	--	--	--	--	--	--	--	--	--	--	--	-62	-104	21	84	189
OU2MW-47I	--	--	--	--	--	--	--	--	--	--	--	--	--	-104	-114	15	44	91
OU2MW-47I2	--	--	--	--	--	--	--	--	--	--	--	--	--	75	144	134	116	178
OU2MW-47D	--	--	--	--	--	--	--	--	--	--	--	--	--	79	151	161	120	157
OU2MW-19I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	--	--	75	--	--	-61	--	--	--	-38	--	2	--	--	--	47	--	--
OU2MW-02I	--	--	22	--	--	-17	--	--	--	-40	--	-34	--	--	--	-35	--	--
OU2MW-02I2	--	--	-11	--	--	3	--	--	--	-17	--	8	--	--	--	-9	--	--
OU2MW-02D	--	--	78	--	--	99	--	--	--	74	--	63	--	--	--	73	--	--
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	2009								2010									
	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10
pH (SU)																		
OU2MW-30S	5.97	5.68	6.34	5.99	5.77	5.81	5.81	4.97	6.20	6.30	6.15	5.96	6.12	5.92	5.75	5.62	5.65	6.04
OU2MW-30I	6.05	5.95	6.12	5.97	6.28	5.88	6.40	4.54	6.19	6.18	6.10	6.01	6.10	5.74	6.07	5.85	5.75	6.17
OU2MW-30I2	5.80	5.78	6.21	5.90	6.00	5.98	5.91	4.93	6.29	6.25	6.16	6.00	6.06	5.62	6.08	5.99	5.94	6.20
OU2MW-30I3	6.10	5.01	6.00	5.70	5.56	7.38	5.66	5.09	5.98	6.11	6.06	4.71	5.96	4.91	5.75	6.01	5.74	5.90
OU2MW-30D	6.04	4.72	5.93	5.63	5.57	7.44	6.14	4.80	5.85	6.01	5.83	4.66	5.61	4.48	5.51	5.66	5.60	5.87
OU2MW-30D2	5.66	4.85	5.86	5.88	5.52	7.94	6.31	4.53	6.01	5.99	5.74	4.80	5.71	4.63	5.60	5.92	5.63	5.99
OU2MW-39S	5.57	5.68	6.09	5.85	5.79	5.55	5.99	5.80	6.07	5.59	5.88	5.70	5.75	4.87	5.58	6.13	5.96	5.68
OU2MW-39I	5.71	5.74	5.94	5.83	5.89	5.74	6.16	6.04	6.15	5.70	6.07	5.93	5.55	4.82	5.99	6.55	6.30	6.19
OU2MW-39I2	5.81	4.76	4.92	4.78	4.57	4.43	6.08	4.48	4.69	4.17	4.77	4.67	4.57	3.78	4.77	5.13	4.93	4.92
OU2MW-39D	4.95	5.11	5.30	5.14	4.97	4.79	6.58	5.16	5.20	4.80	5.18	5.15	4.90	4.29	4.99	5.26	5.03	4.95
OU2MW-47S	5.55	5.40	4.34	5.28	5.89	5.86	6.05	5.86	6.00	5.88	5.35	5.68	5.19	5.36	5.74	5.37	5.98	5.82
OU2MW-47I	6.41	5.98	4.70	6.02	6.32	6.24	6.03	5.81	6.15	6.21	6.13	6.29	5.80	6.20	6.41	6.49	6.16	5.91
OU2MW-47I2	6.09	6.13	4.86	5.97	6.13	6.15	5.85	6.25	6.28	6.25	6.29	6.06	5.85	5.74	6.13	6.21	6.11	6.12
OU2MW-47D	5.80	5.67	4.65	5.52	5.45	5.47	5.19	6.01	5.52	5.55	5.57	5.41	5.90	4.87	5.68	5.77	5.41	5.48
OU2MW-19I	--	--	--	6.48	--	--	8.53	--	6.44	6.31	6.21	5.72	6.28	--	5.60	--	--	--
OU2MW-19I2	--	--	--	--	5.84	--	6.04	--	5.85	6.00	5.96	5.63	5.52	--	5.41	--	--	--
OU2MW-19D	--	--	--	5.87	--	--	8.30	--	6.11	6.07	5.96	5.75	5.89	--	5.32	--	--	--
OU2MW-02S	6.35	--	--	--	6.55	--	6.28	--	--	5.80	--	6.19	--	--	--	--	5.64	4.85
OU2MW-02I	6.34	--	--	--	6.22	--	7.79	--	--	6.29	--	6.18	--	--	--	--	5.79	5.89
OU2MW-02I2	5.87	--	--	--	5.80	--	7.05	--	--	5.34	--	5.81	--	--	--	--	5.83	5.03
OU2MW-02D	5.52	--	--	--	5.49	--	5.98	--	--	4.76	--	5.30	--	--	--	--	5.17	4.68
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	6.01	--	7.33	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	5.53	--	5.78	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	5.63	--	4.77	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	4.83	--	4.97	--	--
Conductivity (mS																		
OU2MW-30S	0.412	0.278	0.297	0.322	0.359	0.306	0.281	0.325	0.268	0.241	0.249	0.361	0.271	0.241	0.201	0.214	0.247	0.312
OU2MW-30I	0.718	0.530	0.633	0.702	0.709	0.619	0.691	0.442	0.730	0.569	0.955	0.771	0.498	0.430	0.365	0.351	0.374	0.406
OU2MW-30I2	0.538	0.565	0.595	0.710	0.661	0.599	0.569	0.471	0.487	0.698	0.707	0.689	0.371	0.406	0.399	0.301	0.323	0.316
OU2MW-30I3	0.474	0.616	0.507	0.587	0.609	0.640	0.498	0.558	0.469	0.492	0.470	0.680	0.498	0.432	0.343	0.403	0.383	0.423
OU2MW-30D	0.477	0.748	0.536	0.609	0.681	0.743	0.656	0.541	0.708	0.453	0.601	0.608	0.395	0.399	0.315	0.286	0.342	0.339
OU2MW-30D2	0.388	0.525	0.433	0.444	0.432	0.429	0.394	0.317	0.486	0.334	0.332	0.523	0.400	0.397	0.325	0.376	0.369	0.393
OU2MW-39S	0.235	0.382	0.387	0.342	0.315	0.339	0.311	0.316	0.366	0.305	0.255	0.218	0.297	0.293	0.225	0.238	0.227	0.184
OU2MW-39I	0.491	0.691	0.612	0.692	1.110	0.899	0.616	0.578	0.666	0.590	0.643	0.459	0.542	0.602	0.629	0.811	0.861	0.570
OU2MW-39I2	0.351	0.327	0.383	0.573	0.487	0.427	0.419	0.353	0.414	0.447	0.440	0.494	0.538	0.558	0.391	0.312	0.223	0.193
OU2MW-39D	0.018	0.429	0.600	0.615	0.827	0.770	0.723	0.545	0.673	0.835	0.910	0.789	0.899	0.706	0.525	0.866	0.764	0.612
OU2MW-47S	0.177	0.263	0.268	0.222	0.303	0.327	0.439	0.390	0.414	0.250	0.229	0.203	0.300	0.363	0.413	0.364	0.444	0.376
OU2MW-47I	0.502	0.674	0.565	0.359	0.390	0.366	0.455	0.291	0.941	0.758	0.689	0.656	0.820	0.915	0.920	0.674	0.586	0.450
OU2MW-47I2	0.462	0.399	0.575	0.547	0.622	0.534	0.494	0.499	0.448	0.611	0.407	0.775	0.709	0.621	0.547	0.383	0.328	0.318
OU2MW-47D	0.276	0.279	0.460	0.434	0.621	0.575	0.514	0.420	0.479	0.673	0.450	0.517	0.285	0.322	0.355	0.312	0.264	0.247
OU2MW-19I	--	--	--	0.708	--	--	0.554	--	0.834	0.705	0.595	0.587	0.940	--	0.660	--	--	--
OU2MW-19I2	--	--	--	--	0.561	--	0.545	--	0.599	0.445	1.200	0.567	0.497	--	0.481	--	--	--
OU2MW-19D	--	--	--	1.270	--	--	1.350	--	1.370	1.420	1.200	1.170	1.380	--	1.520	--	--	--
OU2MW-02S	0.412	--	--	--	0.674	--	0.522	--	--	0.602	--	1.350	--	--	--	--	0.439	0.519
OU2MW-02I	0.279	--	--	--	0.297	--	0.612	--	--	0.336	--	0.286	--	--	--	--	0.218	0.279
OU2MW-02I2	0.070	--	--	--	0.078	--	0.088	--	--	0.103	--	0.110	--	--	--	--	0.065	0.070
OU2MW-02D	0.042	--	--	--	0.050	--	0.058	--	--	0.051	--	0.067	--	--	--	--	0.039	0.045
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	0.174	--	0.231	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	0.528	--	0.358	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	0.246	--	0.190	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	0.205	--	0.213	--	--

Appendix G. Table G-2
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Well ID	2009								2010									
	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10
Dissolved Oxyge																		
OU2MW-30S	21.0	13.7	11.6	23.0	28.0	26.0	25.0	0.9	23.0	28.0	28.0	26.0	11.4	27.0	24.0	29.0	27.0	26.0
OU2MW-30I	18.1	10.6	16.2	27.0	34.0	27.0	8.9	51.0	22.0	37.0	33.0	28.0	14.6	27.0	26.0	25.0	36.0	40.0
OU2MW-30I2	45.0	23.0	19.8	25.0	29.0	42.0	34.0	44.0	17.0	48.0	44.0	36.0	23.0	28.0	23.0	24.0	42.0	20.0
OU2MW-30I3	29.0	20.0	20.0	25.0	35.0	36.0	18.7	0.8	52.0	48.0	35.0	34.0	24.0	36.0	27.0	36.0	34.0	39.0
OU2MW-30D	20.0	27.0	19.5	29.0	40.0	39.0	28.0	35.0	38.0	49.0	43.0	29.0	31.0	31.0	27.0	20.0	33.0	18.0
OU2MW-30D2	17.6	9.1	3.0	0.0	2.5	14.6	18.0	55.0	30.0	32.0	19.2	9.3	0.0	10.0	22.0	30.0	23.0	27.0
OU2MW-39S	14.7	22.0	19.6	24.0	21.0	28.0	31.0	18.2	16.0	37.0	30.0	14.4	18.0	28.0	26.0	27.0	20.0	24.0
OU2MW-39I	17.0	20.0	38.0	32.0	19.0	28.0	49.0	32.0	31.0	41.0	43.0	29.0	10.0	25.0	30.0	38.0	29.0	27.0
OU2MW-39I2	0.0	7.6	0.0	2.8	0.0	0.0	0.0	1.1	0.0	0.0	0.9	0.0	0.0	0.0	2.0	0.9	0.0	0.0
OU2MW-39D	0.0	7.6	0.0	3.0	0.0	0.0	0.0	0.3	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OU2MW-47S	18.4	36.0	28.0	32.0	33.0	31.0	33.0	33.0	30.0	33.0	26.0	26.0	12.0	25.0	33.0	29.0	25.0	26.0
OU2MW-47I	26.0	31.0	36.0	38.0	43.0	28.0	38.0	40.0	39.0	40.0	28.0	26.0	20.0	30.0	24.0	26.0	27.0	24.0
OU2MW-47I2	31.0	32.0	40.0	40.0	46.0	25.0	43.0	35.0	34.0	40.0	30.0	25.0	16.0	29.0	39.0	36.0	21.0	25.0
OU2MW-47D	16.6	32.0	27.0	18.6	26.0	23.0	25.0	16.0	26.0	32.0	25.0	24.0	12.0	27.0	28.0	26.0	21.0	24.0
OU2MW-19I	--	--	--	0.0	--	--	0.0	--	0.0	2.7	6.0	4.2	0.0	--	2.7	--	--	--
OU2MW-19I2	--	--	--	--	0.0	--	0.1	--	26.0	34.0	2.5	36.0	32.0	--	27.0	--	--	--
OU2MW-19D	--	--	--	0.0	--	--	0.0	--	0.0	0.0	2.5	9.2	18.0	--	20.0	--	--	--
OU2MW-02S	5.8	--	--	--	0.0	--	4.1	--	--	7.2	--	0.0	--	--	--	--	14.5	12.6
OU2MW-02I	5.4	--	--	--	0.0	--	0.7	--	--	0.0	--	1.0	--	--	--	--	0.0	0.0
OU2MW-02I2	5.2	--	--	--	0.0	--	0.0	--	--	0.0	--	0.0	--	--	--	--	0.1	0.0
OU2MW-02D	5.2	--	--	--	0.0	--	0.0	--	--	0.0	--	1.0	--	--	--	--	0.2	0.0
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	10.5	--	17.8	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	27.0	--	37.0	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	26.0	--	28.0	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	18.5	--	30.0	--	--
Temperature (deg																		
OU2MW-30S	14.9	16.2	18.2	19.9	19.6	17.3	16.9	14.5	12.8	11.5	11.0	12.9	14.5	18.8	20.7	20.8	20.5	19.8
OU2MW-30I	15.3	15.5	16.5	18.3	15.6	15.0	15.5	13.0	12.6	12.6	13.3	14.1	14.5	18.1	19.4	16.5	16.8	16.7
OU2MW-30I2	16.4	15.4	15.9	18.3	16.1	15.0	15.0	12.6	13.4	13.3	13.2	13.9	14.0	17.9	18.7	15.8	17.9	16.3
OU2MW-30I3	15.8	14.4	16.9	17.3	18.1	15.7	14.9	14.5	12.8	12.7	13.2	13.7	14.7	17.1	18.3	19.1	17.0	16.2
OU2MW-30D	15.2	16.0	16.0	17.5	15.6	15.4	15.4	13.5	11.8	12.3	13.0	13.2	14.7	17.3	17.8	16.5	17.1	16.0
OU2MW-30D2	15.1	14.5	15.5	18.7	15.2	15.2	15.1	13.6	13.0	12.4	12.9	13.6	14.4	17.9	17.8	18.7	17.0	16.5
OU2MW-39S	12.9	13.7	15.8	18.5	17.3	15.8	14.8	13.5	11.7	9.5	9.4	10.8	12.0	16.0	16.9	18.9	16.9	16.6
OU2MW-39I	12.7	13.1	14.3	16.1	15.2	14.3	14.3	14.1	13.9	11.2	12.6	13.1	12.6	14.9	15.4	16.9	14.7	15.3
OU2MW-39I2	13.5	13.9	14.9	15.5	14.8	13.5	14.3	11.2	12.3	10.6	12.7	13.1	14.6	15.4	16.3	17.9	15.3	14.3
OU2MW-39D	13.5	13.2	14.8	16.2	14.6	13.4	13.9	11.8	11.9	10.8	12.1	12.7	14.8	14.9	15.5	18.2	15.3	13.8
OU2MW-47S	14.4	14.1	17.1	19.0	17.6	17.2	16.3	14.6	11.6	11.2	11.3	12.5	14.1	16.6	19.5	19.3	17.8	16.8
OU2MW-47I	13.0	13.6	16.2	17.0	16.0	15.2	15.4	13.5	12.9	12.5	13.7	13.3	13.5	15.3	20.0	16.5	15.0	15.6
OU2MW-47I2	14.1	15.8	16.5	16.8	15.4	14.7	14.3	14.2	12.9	13.6	13.9	13.9	14.6	16.0	19.4	18.1	15.9	14.8
OU2MW-47D	14.0	14.7	16.1	16.7	15.5	14.8	14.1	12.3	12.9	12.5	12.9	13.6	14.2	16.2	17.6	16.2	16.3	15.6
OU2MW-19I	--	--	--	19.2	--	--	16.2	--	12.5	12.7	12.2	13.0	13.2	--	16.0	--	--	--
OU2MW-19I2	--	--	--	--	15.6	--	15.0	--	13.4	13.2	11.7	14.6	14.3	--	16.7	--	--	--
OU2MW-19D	--	--	--	15.7	--	--	14.8	--	12.1	12.5	11.7	14.4	14.3	--	17.3	--	--	--
OU2MW-02S	18.0	--	--	--	21.6	--	13.3	--	--	5.1	--	15.7	--	--	--	--	28.2	17.7
OU2MW-02I	17.9	--	--	--	20.4	--	14.3	--	--	11.3	--	18.0	--	--	--	--	23.0	14.6
OU2MW-02I2	20.4	--	--	--	17.2	--	14.4	--	--	6.5	--	15.8	--	--	--	--	24.6	17.5
OU2MW-02D	20.0	--	--	--	21.2	--	13.1	--	--	8.6	--	16.3	--	--	--	--	24.3	17.7
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	20.9	--	17.4	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	22.7	--	16.5	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	25.2	--	15.1	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	23.9	--	16.0	--	--

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Well ID	2009								2010									
	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10
Oxidation Reduct																		
OU2MW-30S	324	224	177	355	196	237	213	198	294	220	195	189	176	186	240	209	275	161
OU2MW-30I	251	102	105	214	107	223	-18	365	141	190	183	194	170	175	205	180	249	138
OU2MW-30I2	320	202	197	276	123	222	187	379	312	158	160	184	176	209	239	183	228	172
OU2MW-30I3	131	243	161	297	132	6	174	169	324	164	187	180	164	184	237	178	271	172
OU2MW-30D	170	348	202	352	210	6	47	209	185	190	223	201	200	224	200	206	272	189
OU2MW-30D2	147	204	65	82	61	-39	-5	379	114	105	145	104	59	104	101	125	216	54
OU2MW-39S	226	331	282	258	198	197	278	420	157	207	226	195	216	157	277	202	186	228
OU2MW-39I	87	325	306	245	198	209	248	405	166	195	175	184	216	140	199	170	158	210
OU2MW-39I2	211	170	168	106	208	211	78	288	161	293	210	167	171	181	206	197	177	182
OU2MW-39D	129	78	87	-58	120	93	-15	113	76	195	79	61	83	101	60	83	99	107
OU2MW-47S	206	340	343	314	206	244	58	256	183	209	268	201	251	220	221	294	149	284
OU2MW-47I	138	330	288	210	171	229	56	356	190	205	229	182	216	195	182	233	172	307
OU2MW-47I2	199	225	324	306	184	232	305	360	304	172	226	209	206	209	204	254	290	295
OU2MW-47D	128	156	240	167	100	144	167	263	204	120	144	166	170	194	203	166	187	195
OU2MW-19I	--	--	--	-71	--	--	-132	--	-95	-109	-39	-61	-103	--	-68	--	--	--
OU2MW-19I2	--	--	--	--	70	--	38	--	155	255	14	178	192	--	167	--	--	--
OU2MW-19D	--	--	--	-122	--	--	-113	--	-122	155	14	20	42	--	29	--	--	--
OU2MW-02S	0	--	--	--	-134	--	33	--	--	91	--	-78	--	--	--	--	93	171
OU2MW-02I	-46	--	--	--	-59	--	-46	--	--	-17	--	-71	--	--	--	--	-38	-17
OU2MW-02I2	23	--	--	--	32	--	-6	--	--	45	--	40	--	--	--	--	6	59
OU2MW-02D	151	--	--	--	74	--	83	--	--	228	--	82	--	--	--	--	116	138
OU2MW-55S	--	--	--	--	--	--	--	--	--	--	--	--	--	36	--	72	--	--
OU2MW-55I	--	--	--	--	--	--	--	--	--	--	--	--	--	183	--	246	--	--
OU2MW-55I2	--	--	--	--	--	--	--	--	--	--	--	--	--	191	--	242	--	--
OU2MW-55D	--	--	--	--	--	--	--	--	--	--	--	--	--	101	--	247	--	--

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Well ID	2010		2011												2012			
	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
pH (SU)																		
OU2MW-30S	4.56	5.21	6.55	5.99	6.39	5.60	5.21	5.60	5.35	5.70	5.54	6.02	5.70	5.49	5.35	--	5.39	6.20
OU2MW-30I	4.91	5.58	6.40	5.61	5.73	5.55	5.38	5.44	5.33	5.93	5.87	6.27	5.95	5.75	5.60	--	5.65	6.28
OU2MW-30I2	5.71	5.78	6.71	5.59	5.91	5.44	5.32	5.29	5.17	5.86	5.71	6.12	5.98	5.69	5.65	--	5.55	6.58
OU2MW-30I3	4.00	5.48	6.75	5.89	6.40	5.53	6.19	5.27	5.95	5.45	5.85	2.85	5.86	4.91	5.31	--	5.22	6.11
OU2MW-30D	5.44	5.60	6.46	5.66	5.54	5.16	5.52	5.06	5.85	5.43	5.67	5.49	5.64	4.60	5.23	--	5.20	6.20
OU2MW-30D2	5.43	6.27	6.78	5.95	5.94	5.49	5.71	5.50	5.92	5.32	5.50	5.09	5.00	4.78	5.24	--	5.02	5.82
OU2MW-39S	5.29	5.53	5.75	4.43	5.41	5.38	5.00	5.80	6.05	5.60	5.43	5.48	5.94	5.80	6.23	5.40	5.99	5.71
OU2MW-39I	5.89	6.05	6.16	6.68	ER	6.14	5.80	6.36	6.60	6.48	5.50	6.22	6.26	6.29	6.98	4.52	6.68	6.89
OU2MW-39I2	5.26	4.91	5.09	3.68	4.54	4.57	4.21	4.74	4.87	4.64	4.91	4.93	6.20	4.64	4.71	--	4.36	4.90
OU2MW-39D	5.41	6.06	5.41	5.93	5.84	4.92	4.56	5.16	5.22	4.86	4.75	4.69	4.76	4.53	4.66	4.46	4.52	5.71
OU2MW-47S	5.11	--	5.66	5.60	6.01	5.14	5.80	5.32	5.40	5.71	5.37	6.29	5.59	5.62	5.50	5.10	5.55	5.9
OU2MW-47I	5.21	--	5.90	5.75	6.39	5.85	6.53	6.03	6.18	6.49	5.97	6.93	5.99	6.50	6.21	5.52	5.45	6.27
OU2MW-47I2	5.57	--	6.75	6.08	6.61	5.62	6.43	5.80	6.04	6.47	5.90	6.83	5.82	6.36	6.14	5.70	6.17	6.51
OU2MW-47D	5.42	--	5.83	5.60	6.20	5.32	6.15	5.83	5.92	6.20	5.65	6.32	5.58	5.87	5.85	5.40	5.39	6.08
OU2MW-19I	--	7.32	--	6.25	--	6.60	--	--	--	6.27	--	--	--	5.96	--	--	6.44	--
OU2MW-19I2	--	5.44	--	4.65	--	5.99	--	--	--	6.31	--	--	--	6.23	--	--	5.95	--
OU2MW-19D	--	5.35	--	5.86	--	5.73	--	--	--	5.39	--	--	--	5.26	--	--	5.13	--
OU2MW-02S	--	--	--	6.70	--	5.57	--	--	--	--	5.28	--	5.88	--	--	--	--	--
OU2MW-02I	--	--	--	6.25	--	6.19	--	--	--	--	7.00	--	6.12	--	--	6.71	--	--
OU2MW-02I2	--	--	--	5.85	--	5.87	--	--	--	--	6.55	--	5.34	--	--	6.18	--	--
OU2MW-02D	--	--	--	3.12	--	5.34	--	--	--	--	4.84	--	5.60	--	--	5.54	--	--
OU2MW-55S	--	6.19	--	5.83	--	--	--	6.06	--	5.15	--	5.63	--	--	--	--	6.04	--
OU2MW-55I	--	5.25	--	5.93	--	--	--	5.15	--	6.03	--	5.51	--	--	--	--	6.06	--
OU2MW-55I2	--	4.89	--	5.50	--	--	--	4.71	--	5.59	--	5.30	--	--	--	--	5.99	--
OU2MW-55D	--	5.15	--	5.00	--	--	--	5.70	--	5.03	--	5.01	--	--	--	--	4.88	--
Conductivity (mS																		
OU2MW-30S	0.435	0.198	0.431	0.431	0.442	0.545	0.587	0.418	0.386	0.369	0.430	0.467	0.582	0.558	0.324	--	0.581	0.469
OU2MW-30I	0.488	0.343	0.323	0.340	0.512	0.419	0.686	0.584	0.628	0.635	0.695	0.664	0.665	0.580	0.487	--	0.610	0.555
OU2MW-30I2	0.252	0.285	0.279	0.318	0.491	0.586	0.554	0.465	0.538	0.602	0.623	0.640	0.612	0.552	0.442	--	0.519	0.355
OU2MW-30I3	0.567	0.231	0.411	0.411	0.392	0.485	0.390	0.330	0.362	0.297	0.302	0.325	0.429	0.990	0.385	--	0.496	0.321
OU2MW-30D	0.313	0.370	0.368	0.323	0.471	0.354	0.468	0.252	0.260	0.265	0.260	0.270	0.334	0.347	0.279	--	0.366	0.251
OU2MW-30D2	0.353	0.197	0.323	0.319	0.472	0.385	0.470	0.318	0.320	0.291	0.280	0.009	0.333	0.352	0.300	--	0.373	0.272
OU2MW-39S	0.243	0.509	0.610	0.410	0.529	0.202	0.271	0.287	0.392	0.305	0.385	0.475	0.322	0.439	0.266	0.260	0.231	0.414
OU2MW-39I	0.490	0.595	0.612	0.584	0.493	0.379	0.570	0.520	0.536	0.788	0.643	0.842	0.714	0.808	0.552	0.302	0.630	0.974
OU2MW-39I2	0.183	0.152	0.198	0.272	0.615	0.271	0.449	0.343	0.360	0.387	0.410	0.461	0.307	0.383	0.352	--	0.424	0.376
OU2MW-39D	0.478	0.186	0.196	0.400	0.369	0.286	0.267	0.180	0.223	0.231	0.242	0.263	0.217	0.228	0.211	0.213	0.221	0.184
OU2MW-47S	0.434	--	0.338	0.393	0.252	0.292	0.222	0.271	0.730	0.361	0.556	0.374	0.405	0.310	0.353	0.347	0.370	0.358
OU2MW-47I	0.523	--	0.768	0.747	0.662	0.870	0.686	0.605	1.300	0.699	0.899	0.741	0.908	0.940	0.599	0.675	0.657	0.431
OU2MW-47I2	0.361	--	0.367	0.425	0.419	0.784	0.662	0.775	1.130	0.956	1.230	0.826	0.905	0.930	0.513	0.537	0.540	0.478
OU2MW-47D	0.341	--	0.664	0.660	0.472	0.661	0.565	0.414	0.411	0.366	0.752	0.899	1.240	1.210	0.729	0.62	0.639	0.523
OU2MW-19I	--	0.340	--	0.571	--	0.755	--	--	--	0.675	--	--	--	0.804	--	--	0.900	--
OU2MW-19I2	--	0.241	--	0.443	--	0.357	--	--	--	1.130	--	--	--	0.684	--	--	0.729	--
OU2MW-19D	--	0.764	--	0.574	--	0.342	--	--	--	0.435	--	--	--	0.413	--	--	0.568	--
OU2MW-02S	--	--	--	0.537	--	0.381	--	--	--	--	0.658	--	0.688	--	--	--	--	--
OU2MW-02I	--	--	--	0.271	--	0.166	--	--	--	--	0.310	--	0.412	--	--	0.462	--	--
OU2MW-02I2	--	--	--	0.084	--	0.056	--	--	--	--	0.177	--	0.095	--	--	0.095	--	--
OU2MW-02D	--	--	--	0.053	--	0.036	--	--	--	--	0.051	--	0.056	--	--	0.052	--	--
OU2MW-55S	--	0.486	--	0.321	--	--	--	0.227	--	0.369	--	0.402	--	--	--	--	0.376	--
OU2MW-55I	--	0.391	--	0.457	--	--	--	0.620	--	0.520	--	0.549	--	--	--	--	0.488	--
OU2MW-55I2	--	0.217	--	0.263	--	--	--	0.408	--	0.487	--	0.309	--	--	--	--	0.313	--
OU2MW-55D	--	0.173	--	0.000	--	--	--	0.128	--	0.242	--	0.250	--	--	--	--	0.271	--

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	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
Dissolved Oxyge																		
OU2MW-30S	24.0	24.0	23.0	23.0	22.0	30.0	28.0	26.0	27.0	31.0	23.0	28.0	18.0	22.0	24.0	--	31.0	27.0
OU2MW-30I	24.0	30.0	24.0	31.0	21.0	41.2	34.1	29.0	35.0	37.0	33.0	34.0	23.0	26.0	37.0	--	40.0	33.0
OU2MW-30I2	23.0	28.0	25.0	28.0	24.0	29.0	32.0	31.0	31.0	40.0	32.0	42.0	26.0	28.0	37.0	--	36.0	20.0
OU2MW-30I3	23.0	27.0	20.0	33.0	26.0	29.0	28.0	29.0	30.0	32.0	29.0	20.0	29.0	38.0	36.0	--	34.0	20.0
OU2MW-30D	46.0	30.0	27.0	29.0	29.0	37.0	35.0	32.0	32.0	40.0	30.0	39.0	30.0	31.0	41.0	--	39.0	24.0
OU2MW-30D2	22.0	23.0	6.0	5.0	1.0	20.0	4.0	18.0	19.0	39.0	15.0	15.0	13.0	26.0	30.0	--	14.0	18.9
OU2MW-39S	19.0	15.0	16.0	19.6	19.0	17.0	32.0	30.0	20.0	23.0	20.0	23.0	20.0	13.0	21.0	22.0	22.0	20.0
OU2MW-39I	21.0	12.0	25.0	24.0	12.0	30.0	29.0	28.0	32.0	27.0	26.0	33.0	42.0	30.0	26.0	2.0	34.0	16.0
OU2MW-39I2	1.0	0.0	1.0	0.0	1.0	2.0	1.0	1.0	2.0	2.0	3.0	2.0	1.0	2.0	1.0	--	2.0	1.0
OU2MW-39D	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0
OU2MW-47S	38.0	--	20.0	21.0	22.0	26.0	24.0	26.0	29.0	22.0	38.0	24.0	22.0	21.0	24.0	20.0	30.0	24.0
OU2MW-47I	25.0	--	21.0	22.0	22.0	40.0	21.0	23.0	31.0	25.0	38.0	25.0	27.0	22.0	22.0	30.0	32.0	24.0
OU2MW-47I2	28.0	--	18.0	26.0	21.0	33.0	25.0	25.0	27.0	24.0	41.0	27.0	26.0	20.0	25.0	42.0	34.0	41.0
OU2MW-47D	28.0	--	29.0	26.0	25.0	27.0	27.0	28.0	29.0	33.0	31.0	27.0	36.0	20.0	22.0	33.0	33.0	25.0
OU2MW-19I	--	10.0	--	13.2	--	21.0	--	--	--	29.0	--	--	--	26.0	--	--	24.0	--
OU2MW-19I2	--	26.0	--	22.0	--	27.0	--	--	--	33.0	--	--	--	35.0	--	--	36.0	--
OU2MW-19D	--	20.0	--	2.0	--	1.7	--	--	--	10.3	--	--	--	17.0	--	--	15.8	--
OU2MW-02S	--	--	--	9.2	--	28.0	--	--	--	--	30.0	--	10.9	--	--	--	--	--
OU2MW-02I	--	--	--	9.1	--	3.3	--	--	--	--	0.0	--	4.5	--	--	1.6	--	--
OU2MW-02I2	--	--	--	0.7	--	0.5	--	--	--	--	0.0	--	2.1	--	--	0.0	--	--
OU2MW-02D	--	--	--	1.0	--	0.5	--	--	--	--	2.1	--	3.0	--	--	2.0	--	--
OU2MW-55S	--	24.0	--	13.6	--	--	--	33.0	--	18.0	--	23.0	--	--	--	--	6.0	--
OU2MW-55I	--	29.0	--	10.0	--	--	--	29.0	--	20.0	--	34.0	--	--	--	--	13.3	--
OU2MW-55I2	--	20.0	--	14.0	--	--	--	33.0	--	30.0	--	37.0	--	--	--	--	6.8	--
OU2MW-55D	--	22.0	--	11.0	--	--	--	12.5	--	15.2	--	34.0	--	--	--	--	17.9	--
Temperature (deg																		
OU2MW-30S	17.3	13.5	10.8	11.7	10.9	19.7	14.9	18.6	19.6	20.3	19.5	17.8	17.0	15.8	13.6	--	14.4	13.9
OU2MW-30I	15.4	13.4	9.0	11.6	13.6	15.7	15.2	16.1	17.8	17.2	15.8	14.6	15.0	14.2	13.9	--	15.2	14.4
OU2MW-30I2	15.6	12.6	9.4	12.7	12.9	15.5	15.8	16.4	17.5	17.0	15.9	14.1	14.7	13.7	13.8	--	15.1	15.2
OU2MW-30I3	15.0	12.7	8.0	11.6	12.5	14.0	15.2	16.0	15.1	16.3	15.8	14.2	16.2	13.6	13.2	--	14.5	15.1
OU2MW-30D	15.2	12.6	8.8	10.9	13.4	14.5	15.6	16.2	15.4	17.5	10.3	14.5	14.3	12.8	12.6	--	14.7	15.0
OU2MW-30D2	15.3	13.2	11.9	11.6	13.7	15.5	15.6	16.0	14.7	16.0	15.7	13.3	14.8	13.2	13.0	--	14.5	15.5
OU2MW-39S	16.0	11.9	10.3	11.6	9.9	10.7	13.8	14.5	17.0	16.7	18.0	16.5	15.7	13.6	12.6	10.5	11.9	12.4
OU2MW-39I	15.4	12.5	11.8	13.0	12.6	13.2	14.7	14.2	15.5	15.4	15.2	14.9	14.9	14.0	14.0	12.1	13.7	14.3
OU2MW-39I2	14.2	12.1	12.1	12.6	12.4	13.8	15.1	13.7	15.3	14.6	14.7	13.8	13.6	13.3	12.6	--	13.4	12.7
OU2MW-39D	14.0	11.8	11.9	12.1	12.0	12.8	14.0	13.7	16.7	14.2	14.6	14.2	13.7	13.0	12.2	11.9	12.9	13.0
OU2MW-47S	16.3	--	9.6	11.0	10.8	12.6	13.1	15.2	17.0	19.1	17.8	17.3	15.9	14.7	13.0	12.3	12.6	16.1
OU2MW-47I	15.0	--	12.1	11.7	12.5	16.7	13.8	13.9	14.5	16.6	15.6	15.1	14.9	14.2	13.5	13.7	12.8	15.9
OU2MW-47I2	14.7	--	11.6	12.5	12.8	14.1	14.7	15.2	17.0	17.1	15.1	14.5	14.2	13.6	13.3	13.4	14.0	16.3
OU2MW-47D	14.5	--	11.7	12.2	12.5	16.3	14.6	14.8	16.4	17.2	15.1	14.5	14.3	13.6	13.4	12.6	13.4	16.2
OU2MW-19I	--	15.4	--	11.7	--	12.1	--	--	--	16.2	--	--	--	15.5	--	--	12.4	--
OU2MW-19I2	--	13.9	--	11.5	--	13.2	--	--	--	16.1	--	--	--	14.3	--	--	12.2	--
OU2MW-19D	--	14.0	--	11.8	--	12.9	--	--	--	15.7	--	--	--	13.7	--	--	12.4	--
OU2MW-02S	--	--	--	10.1	--	12.2	--	--	--	--	17.5	--	15.0	--	--	--	--	--
OU2MW-02I	--	--	--	13.4	--	12.7	--	--	--	--	17.5	--	13.8	--	--	10.2	--	--
OU2MW-02I2	--	--	--	11.9	--	12.5	--	--	--	--	16.9	--	13.8	--	--	9.1	--	--
OU2MW-02D	--	--	--	11.3	--	13.6	--	--	--	--	17.2	--	13.5	--	--	9.6	--	--
OU2MW-55S	--	3.5	--	9.3	--	--	--	13.43	--	20.3	--	16.6	--	--	--	--	15.7	--
OU2MW-55I	--	12.05	--	10.3	--	--	--	13.83	--	16.8	--	14.5	--	--	--	--	16.5	--
OU2MW-55I2	--	9.4	--	10.4	--	--	--	13.97	--	18.1	--	12.6	--	--	--	--	18.5	--
OU2MW-55D	--	8.76	--	10.8	--	--	--	14.60	--	21.0	--	12.9	--	--	--	--	16.9	--

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	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
Oxidation Reduct																		
OU2MW-30S	196	192	217	224	187	219	158	178	184	189	176	209	260	269	220	--	285	224
OU2MW-30I	173	236	213	235	206	246	168	194	168	174	160	186	260	247	2	--	261	208
OU2MW-30I2	240	230	208	246	194	296	166	208	201	187	173	202	266	245	155	--	275	196
OU2MW-30I3	224	178	208	217	182	229	230	216	184	136	193	193	268	252	218	--	309	226
OU2MW-30D	246	251	200	236	212	260	206	213	200	143	194	208	280	260	203	--	325	208
OU2MW-30D2	165	131	175	174	161	180	153	172	180	123	202	178	261	245	215	--	301	217
OU2MW-39S	236	139	177	225	157	257	197	171	170	140	130	149	140	180	177	187	160	205
OU2MW-39I	200	87	164	191	105	135	155	133	120	130	140	129	203	175	164	182	120	170
OU2MW-39I2	194	179	211	246	175	203	182	130	199	166	140	100	117	135	145	--	157	180
OU2MW-39D	72	100	100	76	30	129	94	50	54	54	86	73	86	108	111	103	113	103
OU2MW-47S	242	--	266	273	216	284	196	193	215	205	137	213	244	188	261	266	203	243
OU2MW-47I	230	--	424	261	205	236	171	164	160	183	114	205	222	176	231	238	333	237
OU2MW-47I2	210	--	223	239	195	256	188	164	220	206	73	218	256	187	241	235	168	171
OU2MW-47D	200	--	379	262	189	240	183	152	208	188	153	217	241	179	240	248	347	252
OU2MW-19I	--	-2	--	73	--	95	--	--	--	106	--	--	--	263	--	--	233	--
OU2MW-19I2	--	236	--	184	--	271	--	--	--	123	--	--	--	279	--	--	289	--
OU2MW-19D	--	86	--	40	--	114	--	--	--	110	--	--	--	223	--	--	269	--
OU2MW-02S	--	--	--	163	--	206	--	--	--	--	211	--	169	--	--	--	--	--
OU2MW-02I	--	--	--	-87	--	-55	--	--	--	--	-76	--	-32	--	--	-74	--	--
OU2MW-02I2	--	--	--	-17	--	16	--	--	--	--	-10	--	13	--	--	9	--	--
OU2MW-02D	--	--	--	54	--	84	--	--	--	--	80	--	114	--	--	78	--	--
OU2MW-55S	--	126	--	105	--	--	--	196	--	104	--	124	--	--	--	--	140	--
OU2MW-55I	--	193	--	220	--	--	--	197	--	150	--	240	--	--	--	--	142	--
OU2MW-55I2	--	225	--	190	--	--	--	223	--	162	--	257	--	--	--	--	285	--
OU2MW-55D	--	183	--	135	--	--	--	249	--	208	--	285	--	--	--	--	339	--

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Well ID	2012								2013									
	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13
pH (SU)																		
OU2MW-30S	6.07	7.80	6.1	6.24	6.28	6.16	6.04	6.00	6.00	5.89	5.95	6.19	6.26	5.90	6.14	6.01	5.97	5.87
OU2MW-30I	6.25	5.77	6.43	6.41	6.44	6.30	6.25	6.06	5.92	5.95	6.02	5.47	6.22	6.09	6.23	6.30	6.02	5.95
OU2MW-30I2	6.28	5.59	6.3	6.37	6.48	6.39	6.41	6.21	6.11	5.73	6.07	6.38	6.33	6.01	6.20	6.09	6.04	6.03
OU2MW-30I3	5.92	7.20	5.94	5.44	6.06	5.96	5.84	5.78	5.83	5.63	5.55	5.89	5.75	5.49	5.70	5.55	5.61	5.51
OU2MW-30D	5.94	5.05	5.87	5.58	5.75	5.85	5.74	5.72	5.71	5.65	5.51	5.87	5.70	5.41	5.55	5.74	5.63	5.59
OU2MW-30D2	5.84	7.71	5.82	5.72	5.83	5.89	5.77	6.19	5.65	5.44	5.36	5.68	5.56	5.50	5.59	5.59	5.70	5.94
OU2MW-39S	5.80	6.23	5.94	6.23	6.13	6.14	6.01	6.09	5.55	5.63	5.93	5.93	5.81	5.68	6.04	5.83	6.12	6.01
OU2MW-39I	6.79	6.80	6.76	6.85	6.81	6.84	6.69	6.79	6.56	6.48	6.69	6.51	6.75	6.76	6.88	6.66	6.86	6.77
OU2MW-39I2	5.06	5.04	5.00	4.93	5.26	5.48	5.30	5.51	5.48	5.87	6.35	6.07	5.85	6.12	6.34	6.31	5.98	6.36
OU2MW-39D	5.04	5.52	5.84	4.98	5.32	5.39	5.01	5.09	4.90	4.80	5.38	4.67	4.97	5.05	5.11	5.14	4.92	5.14
OU2MW-47S	5.74	5.75	5.72	5.84	--	5.58	5.64	5.44	5.63	4.05	5.98	5.65	5.64	5.78	5.83	5.72	5.68	5.68
OU2MW-47I	6.20	5.90	5.97	6.23	--	5.97	6.03	6.09	6.27	4.91	5.70	--	6.16	6.17	6.13	6.06	5.99	6.03
OU2MW-47I2	6.28	6.17	6.11	6.37	--	6.13	6.36	6.35	6.40	4.97	5.81	--	6.20	6.14	6.29	6.32	6.12	6.11
OU2MW-47D	6.00	6.24	5.65	6.27	--	5.98	6.06	6.17	6.17	4.71	--	--	6.09	--	6.10	6.22	6.04	6.03
OU2MW-19I	--	6.54	--	6.49	--	--	6.66	--	5.79	--	--	6.57	--	--	6.41	--	--	6.30
OU2MW-19I2	--	6.69	--	6.77	--	--	6.55	--	6.30	--	--	6.11	--	--	6.15	--	--	6.46
OU2MW-19D	--	5.70	--	5.69	--	--	5.58	--	5.80	--	--	5.64	--	--	5.57	--	--	5.41
OU2MW-02S	5.77	--	--	--	5.67	--	5.69	--	--	5.70	--	--	5.81	--	--	--	6.08	--
OU2MW-02I	7.50	--	--	--	6.46	--	6.32	--	--	5.76	--	--	6.07	--	--	--	5.86	--
OU2MW-02I2	6.83	--	--	--	6.25	--	6.03	--	--	5.79	--	--	5.80	--	--	--	5.79	--
OU2MW-02D	6.04	--	--	--	5.71	--	5.60	--	--	4.94	--	--	5.32	--	--	--	5.41	--
OU2MW-55S	--	6.50	--	5.76	--	--	5.49	--	--	5.95	--	--	5.56	--	--	5.73	--	--
OU2MW-55I	--	6.31	--	6.32	--	--	6.12	--	--	6.38	--	--	5.94	--	--	6.09	--	--
OU2MW-55I2	--	5.69	--	5.74	--	--	5.85	--	--	6.09	--	--	5.77	--	--	5.89	--	--
OU2MW-55D	--	5.55	--	5.35	--	--	5.45	--	--	5.42	--	--	5.03	--	--	5.29	--	--
Conductivity (mS																		
OU2MW-30S	0.405	0.486	0.476	0.399	0.383	0.410	0.293	0.429	0.410	0.464	0.852	0.661	0.541	0.484	0.383	0.352	0.418	0.455
OU2MW-30I	0.636	0.91	0.779	0.628	0.745	0.859	0.591	0.899	0.990	0.880	0.908	0.354	0.597	0.591	0.517	0.720	0.839	0.944
OU2MW-30I2	0.424	0.559	0.688	0.616	0.646	0.732	0.597	0.865	0.916	0.584	1.090	0.700	0.648	0.597	0.519	0.579	0.624	0.688
OU2MW-30I3	0.396	0.496	0.381	0.358	0.395	0.462	0.299	0.417	0.478	0.481	0.708	0.480	0.463	0.405	0.390	0.400	0.420	0.482
OU2MW-30D	0.291	0.416	0.349	0.350	0.394	0.462	0.310	0.467	0.486	0.521	0.684	0.435	0.429	0.438	0.336	0.408	0.421	0.456
OU2MW-30D2	0.341	0.463	0.312	0.235	0.243	0.282	0.202	0.375	0.451	0.635	0.934	0.677	0.721	0.813	0.706	0.840	0.883	0.984
OU2MW-39S	0.400	0.260	0.505	0.281	0.276	0.258	0.266	0.269	0.202	0.260	0.376	0.265	0.267	0.307	0.250	0.268	0.294	0.327
OU2MW-39I	0.978	0.663	0.900	0.643	0.685	0.651	0.617	0.631	0.566	0.682	1.030	0.767	0.728	0.718	0.673	0.749	0.785	0.785
OU2MW-39I2	0.38	0.392	0.408	0.378	0.460	0.439	0.462	0.478	0.454	0.505	0.418	0.471	0.441	0.468	0.459	0.483	0.533	0.590
OU2MW-39D	0.28	0.203	0.500	0.177	0.213	0.201	0.192	0.188	0.180	0.207	0.193	0.223	0.191	0.208	0.199	0.212	0.223	0.233
OU2MW-47S	0.362	0.348	0.304	0.361	--	0.372	0.457	0.522	0.433	1.090	0.417	0.374	0.344	0.377	0.306	0.354	0.447	0.475
OU2MW-47I	0.411	0.676	0.616	0.696	--	0.464	0.589	0.627	0.531	1.160	0.524	--	0.500	0.533	0.509	0.471	0.437	0.431
OU2MW-47I2	0.607	0.988	0.810	0.841	--	0.550	0.537	0.492	0.394	0.879	0.300	--	0.339	0.358	0.341	0.355	0.387	0.413
OU2MW-47D	0.624	0.400	0.352	0.377	--	0.488	0.567	0.865	0.649	1.430	--	--	0.552	--	0.462	0.444	0.416	0.404
OU2MW-19I	--	0.807	--	0.910	--	--	0.736	--	0.377	--	--	0.554	--	--	0.843	--	--	0.974
OU2MW-19I2	--	0.590	--	0.511	--	--	0.470	--	0.384	--	--	0.426	--	--	0.523	--	--	0.963
OU2MW-19D	--	0.620	--	0.555	--	--	0.606	--	0.214	--	--	0.541	--	--	0.478	--	--	0.473
OU2MW-02S	0.747	--	--	--	0.559	--	0.580	--	--	0.443	--	--	0.504	--	--	--	0.613	--
OU2MW-02I	0.430	--	--	--	0.492	--	0.581	--	--	0.735	--	--	0.731	--	--	--	0.862	--
OU2MW-02I2	0.118	--	--	--	0.109	--	0.136	--	--	0.133	--	--	0.162	--	--	--	0.318	--
OU2MW-02D	0.054	--	--	--	0.046	--	0.048	--	--	0.051	--	--	0.056	--	--	--	0.058	--
OU2MW-55S	--	0.127	--	0.430	--	--	0.248	--	--	0.310	--	--	0.325	--	--	0.306	--	--
OU2MW-55I	--	0.101	--	0.675	--	--	0.489	--	--	0.527	--	--	0.722	--	--	0.585	--	--
OU2MW-55I2	--	0.454	--	0.457	--	--	0.331	--	--	0.221	--	--	0.173	--	--	0.456	--	--
OU2MW-55D	--	0.256	--	0.250	--	--	0.206	--	--	0.321	--	--	0.422	--	--	0.423	--	--

Appendix G. Table G-2
Summary of Groundwater Parameter Data
OU-2 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	2012								2013									
	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13
Dissolved Oxyge																		
OU2MW-30S	29.0	30.0	26.0	26.0	31.0	28.0	26.0	23.0	36.0	24.0	32.0	23.0	35.0	25.0	31.0	22.0	31.0	31.0
OU2MW-30I	38.0	34.0	29.0	32.0	37.0	25.0	22.0	23.0	41.0	28.0	35.0	36.0	28.0	39.0	43.0	27.0	30.0	45.0
OU2MW-30I2	21.0	21.0	36.0	35.0	32.0	61.0	38.0	19.0	47.0	23.0	35.0	35.0	41.0	41.0	47.0	27.0	42.0	43.0
OU2MW-30I3	39.0	37.0	31.0	31.0	26.0	25.0	29.0	21.0	47.0	28.0	31.0	30.0	35.0	36.0	46.0	28.0	30.0	48.0
OU2MW-30D	24.0	29.0	29.0	36.0	40.0	62.0	20.0	20.0	52.0	29.0	21.0	35.0	37.0	32.0	47.0	29.0	42.0	48.0
OU2MW-30D2	19.0	21.0	7.0	0.0	9.0	4.4	11.0	17.0	28.0	22.0	26.0	25.0	27.0	29.0	28.0	7.0	1.0	3.0
OU2MW-39S	29.0	20.0	14.0	19.0	26.0	23.0	20.0	29.0	20.0	18.0	21.0	28.0	27.0	26.0	27.0	29.0	28.0	28.0
OU2MW-39I	25.0	24.0	27.0	18.0	32.0	28.0	32.0	37.0	39.0	38.0	34.0	42.0	38.0	32.0	27.0	24.0	33.0	35.0
OU2MW-39I2	2.0	1.0	0.0	2.0	2.0	2.0	2.0	2.0	0.0	15.0	2.0	0.0	1.0	1.0	0.0	4.9	2.0	9.0
OU2MW-39D	2.0	1.0	8.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	3.4	1.0	5.0
OU2MW-47S	26.0	21.0	20.0	31.0	--	25.0	24.0	28.0	28.0	22.0	41.0	39.0	29.0	39.0	35.0	22.0	23.0	36.0
OU2MW-47I	27.0	25.0	44.0	16.0	--	24.0	36.0	26.0	43.0	24.0	48.0	--	42.0	42.0	43.0	36.0	36.0	43.0
OU2MW-47I2	24.0	36.0	15.0	15.0	--	31.0	30.0	35.0	42.0	27.0	49.0	--	44.0	42.0	47.0	27.0	35.0	48.0
OU2MW-47D	28.0	36.0	24.0	37.0	--	22.0	29.0	45.0	41.0	17.0	--	--	32.0	--	41.0	21.0	30.0	43.0
OU2MW-19I	--	32.0	--	34.0	--	--	0.0	--	40.0	--	--	21.0	--	--	14.0	--	--	18.2
OU2MW-19I2	--	29.0	--	23.8	--	--	0.0	--	1.7	--	--	25.0	--	--	21.0	--	--	37.6
OU2MW-19D	--	11.9	--	11.3	--	--	5.1	--	0.4	--	--	4.7	--	--	4.4	--	--	2.8
OU2MW-02S	20.0	--	--	--	13.0	--	14.8	--	--	20.0	--	--	22.0	--	--	--	25.0	--
OU2MW-02I	0.0	--	--	--	0.0	--	3.6	--	--	14.2	--	--	12.0	--	--	--	30.0	--
OU2MW-02I2	0.0	--	--	--	1.1	--	3.9	--	--	0.7	--	--	0.7	--	--	--	3.4	--
OU2MW-02D	0.0	--	--	--	2.2	--	0.4	--	--	0.7	--	--	0.5	--	--	--	2.9	--
OU2MW-55S	--	0.1	--	29.0	--	--	34.0	--	--	20.0	--	--	19.0	--	--	18.1	--	--
OU2MW-55I	--	8.4	--	15.4	--	--	42.0	--	--	40.0	--	--	25.0	--	--	27.0	--	--
OU2MW-55I2	--	28.0	--	31.0	--	--	33.3	--	--	36.0	--	--	27.0	--	--	25.0	--	--
OU2MW-55D	--	23.0	--	9.9	--	--	18.6	--	--	16.3	--	--	26.0	--	--	24.0	--	--
Temperature (deg																		
OU2MW-30S	17.7	20.3	22.2	22.9	21.0	19.7	18.7	11.8	12.6	12.0	11.5	12.0	14.2	19.2	20.9	19.6	19.9	19.0
OU2MW-30I	16.6	16.6	19.2	20.4	19.0	15.8	16.8	12.5	13.4	14.0	13.4	13.9	14.6	17.2	22.4	16.7	16.3	16.4
OU2MW-30I2	17.7	17.0	19.6	19.9	18.3	15.4	16.8	12.6	13.1	12.5	14.0	12.8	14.4	17.2	20.4	19.2	17.2	16.6
OU2MW-30I3	18.4	18.3	21.5	18.2	17.8	15.8	16.0	12.5	12.8	13.1	13.4	13.3	14.9	17.5	18.5	17.5	19.2	16.8
OU2MW-30D	18.2	16.9	21.5	17.0	17.0	15.7	16.0	11.9	12.4	12.9	13.1	13.0	14.2	17.9	25.8	16.5	17.6	17.2
OU2MW-30D2	17.9	17.3	19.8	16.9	18.3	14.8	16.6	12.1	12.9	13.7	13.2	13.4	14.5	16.8	23.7	16.3	17.1	17.3
OU2MW-39S	13.6	15.6	22.3	19.0	17.3	16.8	14.1	12.1	11.2	9.8	9.4	11.7	11.5	15.2	17.4	16.8	16.6	16.3
OU2MW-39I	14.4	15.1	21.0	16.6	15.3	14.8	13.9	12.6	13.3	12.7	12.0	13.0	13.0	15.5	17.0	15.5	14.1	15.0
OU2MW-39I2	13.9	15.1	23.6	17.2	14.3	14.0	12.2	12.4	12.3	12.4	12.0	13.6	13.2	14.6	17.2	15.7	14.9	14.3
OU2MW-39D	14.5	15.1	21.9	15.9	14.6	13.6	11.8	11.7	11.9	11.5	11.9	12.9	14.7	15.5	15.6	16.8	14.9	14.1
OU2MW-47S	17	18.8	19.0	19.1	--	18.4	16.0	13.3	12.8	12.2	12.0	13.5	15.3	16.9	22.4	17.2	18.0	18.9
OU2MW-47I	16.9	19.7	17.3	12.6	--	16.4	14.8	13.9	13.9	13.8	13.9	--	15.2	15.3	18.4	15.7	16.4	18.9
OU2MW-47I2	17	18.9	17.8	16.8	--	16.4	14.5	13.6	13.0	13.5	13.7	--	14.9	17.2	20.0	15.6	16.2	16.5
OU2MW-47D	17.1	17.5	17.7	17.3	--	16.0	13.9	13.7	12.8	13.1	--	--	14.8	--	18.8	16.0	16.1	16.0
OU2MW-19I	--	16.3	--	18.2	--	--	16.1	--	13.0	--	--	13.2	--	--	17.2	--	--	17.5
OU2MW-19I2	--	17.8	--	17.4	--	--	14.2	--	13.9	--	--	14.2	--	--	16.9	--	--	16.1
OU2MW-19D	--	16.0	--	18.4	--	--	14.9	--	13.7	--	--	13.9	--	--	16.1	--	--	16.3
OU2MW-02S	18.7	--	--	--	22.7	--	15.2	--	--	12.5	--	--	16.6	--	--	--	19.4	--
OU2MW-02I	17.9	--	--	--	20.9	--	12.8	--	--	11.0	--	--	16.6	--	--	--	17.3	--
OU2MW-02I2	18.6	--	--	--	20.6	--	13.7	--	--	10.5	--	--	15.6	--	--	--	16.1	--
OU2MW-02D	17.6	--	--	--	21.1	--	13.8	--	--	10.0	--	--	15.5	--	--	--	16.7	--
OU2MW-55S	--	21.6	--	24.2	--	--	11.5	--	--	5.0	--	--	20.1	--	--	19.6	--	--
OU2MW-55I	--	20.4	--	22.7	--	--	12.2	--	--	5.5	--	--	21.9	--	--	18.8	--	--
OU2MW-55I2	--	20.2	--	24.3	--	--	10.4	--	--	7.5	--	--	20.3	--	--	18.7	--	--
OU2MW-55D	--	23.8	--	23.6	--	--	11.6	--	--	6.0	--	--	19.8	--	--	17.9	--	--

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Bay Shore/Brightwaters Former MGP Site

Well ID	2012								2013									
	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13
Oxidation Reduct																		
OU2MW-30S	229	265	210	236	290	203	224	221	277	309	236	251	239	185	141	139	194	207
OU2MW-30I	233	261	218	220	285	199	221	245	272	304	228	271	197	168	130	229	198	234
OU2MW-30I2	211	261	229	221	284	194	121	239	264	177	225	238	183	164	124	99	215	236
OU2MW-30I3	228	281	235	252	239	233	245	255	290	303	263	252	205	213	168	190	222	261
OU2MW-30D	222	265	224	266	242	231	248	270	269	304	252	246	174	196	208	270	240	253
OU2MW-30D2	223	256	216	145	216	216	215	224	284	322	271	269	210	216	204	249	167	191
OU2MW-39S	230	179	281	258	172	215	219	197	185	212	172	152	190	167	219	123	154	202
OU2MW-39I	196	159	192	222	155	156	197	181	139	180	155	121	152	114	166	54	86	166
OU2MW-39I2	186	146	174	125	104	93	60	34	56	68	1	1	28	-24	16	-20	-33	-22
OU2MW-39D	105	78	92	54	92	65	105	90	142	120	87	82	83	77	129	91	68	90
OU2MW-47S	239	223	202	257	--	228	266	425	281	300	263	230	245	184	135	192	195	242
OU2MW-47I	257	239	192	228	--	229	231	397	258	289	214	--	213	167	133	161	185	224
OU2MW-47I2	224	232	187	226	--	207	229	388	246	296	226	--	172	170	159	227	191	235
OU2MW-47D	289	211	202	248	--	228	230	391	254	307	--	--	158	--	131	218	192	237
OU2MW-19I	--	197	--	263	--	--	200	--	248	--	--	156	--	--	199	--	--	161
OU2MW-19I2	--	169	--	241	--	--	184	--	141	--	--	221	--	--	189	--	--	155
OU2MW-19D	--	157	--	140	--	--	170	--	204	--	--	108	--	--	133	--	--	120
OU2MW-02S	191	--	--	--	224	--	255	--	--	210	--	--	168	--	--	--	189	--
OU2MW-02I	-102	--	--	--	-72	--	-60	--	--	12	--	--	15	--	--	--	160	--
OU2MW-02I2	-20	--	--	--	-50	--	-31	--	--	-20	--	--	-21	--	--	--	-17	--
OU2MW-02D	78	--	--	--	50	--	105	--	--	133	--	--	108	--	--	--	71	--
OU2MW-55S	--	142	--	168	--	--	209	--	--	230	--	--	144	--	--	189	--	--
OU2MW-55I	--	183	--	220	--	--	229	--	--	225	--	--	120	--	--	151	--	--
OU2MW-55I2	--	222	--	236	--	--	235	--	--	259	--	--	274	--	--	258	--	--
OU2MW-55D	--	259	--	298	--	--	279	--	--	274	--	--	311	--	--	294	--	--

Appendix G. Table G-2
Summary of Groundwater Parameter Data
OU-2 Oxygen Injection System
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Bay Shore/Brightwaters Former MGP Site

Well ID	2013		2014												2015			
	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15
pH (SU)																		
OU2MW-30S	5.80	5.58	5.72	5.93	5.90	5.66	5.85	5.74	5.57	5.84	5.51	5.78	5.56	5.85	5.74	5.62	5.22	5.85
OU2MW-30I	5.88	5.76	5.98	6.14	6.02	5.97	6.22	6.04	5.68	6.11	6.39	6.08	6.11	6.27	6.19	6.04	6.37	6.27
OU2MW-30I2	5.91	5.60	5.80	5.81	6.00	6.32	5.91	5.83	5.36	5.79	5.93	5.78	5.69	5.92	6.05	5.78	6.14	6.14
OU2MW-30I3	5.38	5.11	5.24	5.40	5.42	5.04	5.18	5.07	4.83	5.38	5.12	5.17	4.91	4.86	4.91	4.97	4.81	5.20
OU2MW-30D	5.48	5.22	5.34	5.42	5.45	5.76	5.36	5.23	4.82	5.48	5.64	5.35	5.09	4.88	5.27	5.14	5.65	5.46
OU2MW-30D2	5.29	4.70	4.91	5.16	5.12	5.28	5.28	5.34	4.94	5.32	5.47	5.42	5.31	5.08	5.29	5.17	5.28	5.51
OU2MW-39S	5.40	5.75	5.76	5.65	5.85	5.71	5.74	5.29	5.58	5.84	5.09	5.34	6.16	5.96	5.87	5.57	6.71	5.36
OU2MW-39I	6.31	6.51	6.49	6.58	6.64	6.91	6.97	6.28	6.08	6.77	6.27	6.19	6.23	6.28	6.34	6.40	6.55	6.36
OU2MW-39I2	6.07	6.21	6.08	5.57	6.34	6.12	6.31	6.29	5.75	5.98	5.31	4.24	6.50	6.31	6.17	5.76	5.80	5.96
OU2MW-39D	4.70	4.85	4.62	4.31	5.41	4.84	5.23	4.85	4.80	5.02	4.80	4.48	4.52	4.48	4.48	4.78	4.35	4.83
OU2MW-47S	5.50	5.82	5.48	5.63	5.43	5.91	5.60	5.13	5.74	5.74	5.67	5.02	5.71	5.73	5.70	5.75	5.73	5.79
OU2MW-47I	5.76	6.16	5.77	5.88	5.52	6.20	5.93	5.59	6.16	6.02	6.08	5.40	5.99	5.95	6.08	6.11	5.98	6.10
OU2MW-47I2	5.90	6.02	5.63	5.95	5.53	6.09	5.83	5.27	5.92	5.95	6.05	5.44	5.81	5.87	6.01	5.97	5.91	6.02
OU2MW-47D	5.89	6.17	6.05	6.07	5.75	6.31	6.06	6.09	6.08	6.13	5.98	5.64	6.18	5.94	6.11	6.12	6.04	5.96
OU2MW-19I	--	--	6.13	--	--	--	6.70	--	--	--	6.57	5.63	--	--	5.80	--	--	--
OU2MW-19I2	--	--	6.09	--	--	--	6.32	--	--	--	6.17	5.77	--	--	6.03	--	--	--
OU2MW-19D	--	--	5.01	--	--	--	5.46	--	--	--	5.16	4.72	--	--	4.75	--	--	--
OU2MW-02S	5.68	--	--	7.22	--	--	6.06	--	--	--	5.72	5.64	--	--	--	--	5.83	--
OU2MW-02I	5.55	--	--	6.16	--	--	5.97	--	--	--	5.66	5.29	--	--	--	--	5.47	--
OU2MW-02I2	5.37	--	--	7.14	--	--	5.81	--	--	--	5.64	5.31	--	--	--	--	5.48	--
OU2MW-02D	4.85	--	--	4.68	--	--	5.47	--	--	--	5.17	4.83	--	--	--	--	4.76	--
OU2MW-55S	--	5.68	--	5.40	--	--	--	5.78	--	--	5.44	5.32	--	--	--	--	5.33	--
OU2MW-55I	--	5.91	--	5.77	--	--	--	5.98	--	--	6.00	5.65	--	--	--	--	5.34	--
OU2MW-55I2	--	5.62	--	5.57	--	--	--	5.75	--	--	5.72	5.21	--	--	--	--	5.09	--
OU2MW-55D	--	5.12	--	5.07	--	--	--	5.24	--	--	5.23	4.89	--	--	--	--	4.67	--
Conductivity (mS																		
OU2MW-30S	0.570	0.718	0.520	0.495	0.507	0.514	0.613	0.646	0.382	0.407	0.371	0.302	0.391	0.376	0.303	0.438	0.422	0.465
OU2MW-30I	1.090	0.821	0.546	0.521	0.186	0.493	0.566	0.817	0.649	0.632	0.614	0.566	0.617	0.527	0.495	0.672	0.595	0.609
OU2MW-30I2	0.879	0.856	0.570	0.564	0.499	0.536	0.515	0.723	0.556	0.556	0.582	0.543	0.610	0.577	0.500	0.681	0.530	0.590
OU2MW-30I3	0.623	0.602	0.398	0.383	0.328	0.350	0.407	0.567	0.441	0.455	0.427	0.421	0.480	0.522	0.464	0.577	0.492	0.494
OU2MW-30D	0.590	0.610	0.411	0.426	0.364	0.393	0.417	0.586	0.483	0.457	0.458	0.439	0.509	0.559	0.544	0.676	0.516	0.579
OU2MW-30D2	1.410	1.430	1.080	1.090	1.080	1.140	1.100	1.600	1.23	1.20	1.19	1.13	1.23	1.28	1.200	1.400	1.160	1.240
OU2MW-39S	0.530	0.599	0.409	0.318	0.279	0.240	0.262	0.298	0.365	0.312	0.400	0.464	0.353	0.354	0.321	0.269	0.673	0.251
OU2MW-39I	1.210	1.200	0.866	0.734	0.696	0.600	0.673	0.673	0.796	0.756	0.747	0.734	0.757	0.777	0.721	0.872	0.667	0.654
OU2MW-39I2	0.811	0.781	0.473	0.521	0.556	0.529	0.601	0.618	0.460	0.396	0.327	0.002	0.416	0.358	0.455	0.464	0.447	0.524
OU2MW-39D	0.362	0.355	0.240	0.209	0.215	0.182	0.190	0.222	0.220	0.227	0.207	0.217	0.214	0.224	0.225	0.274	0.221	0.215
OU2MW-47S	0.508	0.452	0.446	0.499	0.360	0.330	0.311	0.317	0.313	0.492	0.468	0.488	0.401	0.471	0.438	0.384	0.323	0.290
OU2MW-47I	0.447	0.474	0.554	0.685	0.523	0.557	0.558	0.484	0.431	0.424	0.506	0.691	0.603	0.645	0.592	0.597	0.797	0.687
OU2MW-47I2	0.451	0.446	0.492	0.559	0.439	0.477	0.490	0.430	0.570	0.604	0.481	0.532	0.475	0.481	0.466	0.419	0.384	0.380
OU2MW-47D	0.360	0.287	0.253	0.279	0.202	0.209	0.202	0.195	0.163	0.176	0.168	0.204	0.174	0.190	0.199	0.209	0.205	0.196
OU2MW-19I	--	--	0.841	--	--	--	0.602	--	--	--	1.25	1.55	--	--	1.260	--	--	--
OU2MW-19I2	--	--	0.569	--	--	--	0.497	--	--	--	1.16	1.28	--	--	0.565	--	--	--
OU2MW-19D	--	--	0.576	--	--	--	0.614	--	--	--	0.699	0.755	--	--	0.753	--	--	--
OU2MW-02S	0.829	--	--	0.609	--	--	0.554	--	--	--	0.494	0.431	--	--	--	--	0.524	--
OU2MW-02I	1.250	--	--	0.795	--	--	0.638	--	--	--	0.648	0.726	--	--	--	--	0.748	--
OU2MW-02I2	0.672	--	--	0.650	--	--	0.563	--	--	--	0.655	0.810	--	--	--	--	0.758	--
OU2MW-02D	0.088	--	--	0.060	--	--	0.053	--	--	--	0.052	0.053	--	--	--	--	0.060	--
OU2MW-55S	--	0.448	--	0.256	--	--	--	0.278	--	--	0.427	0.270	--	--	--	--	0.267	--
OU2MW-55I	--	0.757	--	0.413	--	--	--	0.506	--	--	0.448	0.415	--	--	--	--	0.462	--
OU2MW-55I2	--	0.395	--	0.431	--	--	--	0.487	--	--	0.475	0.535	--	--	--	--	0.637	--
OU2MW-55D	--	0.404	--	0.218	--	--	--	0.228	--	--	0.281	0.309	--	--	--	--	0.403	--

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	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15
Dissolved Oxyge																		
OU2MW-30S	32.0	25.0	27.0	30.0	20.0	17.0	33.0	19.0	27.0	32.0	31.0	24.0	33.0	32.0	38.7	29.8	41.5	25.0
OU2MW-30I	31.0	32.0	37.0	37.0	25.0	20.0	27.0	26.0	28.0	34.0	27.0	25.0	25.0	30.0	50.0	50.0	50.0	26.0
OU2MW-30I2	35.0	35.0	42.0	37.0	40.0	31.0	25.0	44.0	30.0	32.0	28.0	30.0	37.0	27.0	50.0	50.0	46.7	26.0
OU2MW-30I3	40.0	39.0	35.0	33.0	19.0	44.0	32.0	44.0	32.0	34.0	34.0	26.0	28.0	25.0	39.5	50.0	43.6	25.0
OU2MW-30D	31.0	43.0	40.0	40.0	44.0	32.0	21.0	42.0	26.0	34.0	24.0	26.0	29.0	23.0	50.0	50.0	18.9	22.0
OU2MW-30D2	12.0	13.0	22.0	17.0	12.0	18.0	20.0	14.0	15.0	12.0	26.0	21.0	26.0	21.0	19.9	11.96	15.2	25.0
OU2MW-39S	15.0	35.0	27.0	10.0	15.0	18.0	25.0	21.0	30.0	26.0	27.0	30.0	21.0	8.0	23.7	14.9	40.5	16.0
OU2MW-39I	31.0	30.0	43.0	25.0	25.0	26.0	29.0	28.0	34.0	38.0	30.0	31.0	27.0	23.0	45.5	19.29	50.0	23.0
OU2MW-39I2	12.0	20.0	24.0	18.0	17.0	14.0	22.0	20.0	30.0	24.0	30.0	32.0	27.0	23.0	24.35	13.0	14.3	16.0
OU2MW-39D	1.0	1.0	0.0	1.0	2.0	0.0	2.0	2.0	0.0	0.0	0.2	0.2	0.2	4.5	1.0	1.84	9.3	4.0
OU2MW-47S	29.0	34.0	35.0	12.0	25.0	27.0	31.0	26.0	26.0	29.0	29.0	34.0	18.0	28.0	13.0	8.8	36.8	27.0
OU2MW-47I	37.0	45.0	46.0	42.0	30.0	43.0	41.0	25.0	25.0	23.0	31.0	30.0	20.0	21.0	4.6	5.3	42.3	27.0
OU2MW-47I2	39.0	39.0	45.0	47.0	31.0	28.0	44.0	27.0	30.0	29.0	17.0	24.0	23.0	21.0	19.2	7.5	44.1	21.0
OU2MW-47D	41.0	47.0	54.0	47.0	29.0	39.0	42.0	22.0	26.0	30.0	29.0	26.0	22.0	22.0	21.6	4.7	42.0	21.0
OU2MW-19I	--	--	25.0	--	--	--	17.0	--	--	--	9.6	9.4	--	--	16.40	--	--	--
OU2MW-19I2	--	--	37.0	--	--	--	20.0	--	--	--	38.5	45.0	--	--	46.00	--	--	--
OU2MW-19D	--	--	8.6	--	--	--	4.2	--	--	--	4.6	2.0	--	--	0.74	--	--	--
OU2MW-02S	30.0	--	--	38.0	--	--	18.0	--	--	--	29.35	34.30	--	--	--	--	40.10	--
OU2MW-02I	32.0	--	--	30.0	--	--	19.0	--	--	--	30.73	40.53	--	--	--	--	49.60	--
OU2MW-02I2	0.8	--	--	1.0	--	--	2.3	--	--	--	0.51	1.85	--	--	--	--	1.50	--
OU2MW-02D	0.3	--	--	0.7	--	--	1.6	--	--	--	0.46	3.00	--	--	--	--	2.00	--
OU2MW-55S	--	30.0	--	21.0	--	--	--	24.2	--	--	29.50	40.00	--	--	--	--	29.10	--
OU2MW-55I	--	35.0	--	35.0	--	--	--	21.0	--	--	32.83	44.00	--	--	--	--	45.20	--
OU2MW-55I2	--	40.0	--	37.0	--	--	--	25.6	--	--	34.25	35.35	--	--	--	--	34.92	--
OU2MW-55D	--	25.0	--	20.0	--	--	--	17.5	--	--	34.9	33.76	--	--	--	--	22.66	--
Temperature (deg																		
OU2MW-30S	18.9	15.0	13.3	11.3	10.4	11.4	14.4	22.5	17.90	19.57	18.4	18.20	16.68	12.51	11.74	10.93	8.87	10.15
OU2MW-30I	16.1	14.9	14.5	13.3	6.0	13.2	14.4	21.0	15.20	15.38	15.8	14.49	14.60	10.96	12.50	11.10	10.10	12.03
OU2MW-30I2	16.3	13.7	13.2	13.1	13.5	13.3	14.8	18.7	15.34	16.25	15.5	14.15	14.40	12.51	12.28	10.13	10.90	12.19
OU2MW-30I3	15.6	14.4	13.9	12.9	12.7	13.6	14.6	19.9	15.60	15.78	14.5	14.62	14.57	12.08	12.44	12.55	12.30	12.75
OU2MW-30D	15.9	13.5	13.7	12.9	13.2	13.4	14.7	18.7	15.50	16.81	15.6	14.05	13.96	11.91	11.79	10.90	12.20	13.40
OU2MW-30D2	15.1	14.5	14.4	13.2	12.1	13.6	14.4	18.7	15.13	15.22	16.3	14.62	13.94	12.36	12.46	11.25	11.46	12.99
OU2MW-39S	13.9	14.5	11.8	8.9	8.2	10.0	12.0	14.1	15.39	16.55	16.4	16.27	13.89	12.23	8.98	2.94	9.07	12.52
OU2MW-39I	13.7	14.4	12.7	11.6	10.9	12.5	13.3	14.0	13.88	14.41	14.6	14.77	13.82	13.08	12.06	2.35	9.80	15.25
OU2MW-39I2	13.3	13.3	12.5	11.5	10.6	13.8	13.9	14.8	13.73	14.14	15.5	15.11	12.87	12.33	11.25	3.65	7.98	16.74
OU2MW-39D	13.2	13.0	12.3	12.1	10.5	12.4	13.4	14.6	13.45	13.55	14.2	13.70	15.88	12.22	10.97	3.42	8.45	17.73
OU2MW-47S	16.3	14.6	15.0	11.3	9.7	13.7	14.8	15.3	18.80	17.80	18.7	16.59	14.67	14.80	12.20	10.70	8.60	12.20
OU2MW-47I	15.7	15.1	17.9	13.1	12.6	15.5	16.4	14.3	19.70	17.70	18.2	14.73	13.89	14.20	14.50	15.20	11.80	11.70
OU2MW-47I2	15.2	14.3	15.4	13.6	12.8	15.0	15.4	15.8	20.00	17.90	17.3	14.91	14.14	14.90	14.50	13.20	12.70	13.80
OU2MW-47D	15.2	14.3	17.8	13.3	12.8	14.9	17.4	15.6	18.70	16.70	18.9	14.68	--	--	15.40	14.80	13.20	14.80
OU2MW-19I	--	--	13.4	--	--	--	12.9	--	--	--	15.94	15.49	--	--	12.06	--	--	--
OU2MW-19I2	--	--	13.4	--	--	--	14.2	--	--	--	15.31	13.96	--	--	11.35	--	--	--
OU2MW-19D	--	--	13.0	--	--	--	14.2	--	--	--	15.56	13.54	--	--	11.12	--	--	--
OU2MW-02S	14.7	--	--	9.8	--	--	15.1	--	--	--	16.63	14.03	--	--	--	--	9.04	--
OU2MW-02I	13.3	--	--	9.6	--	--	15.9	--	--	--	15.33	13.62	--	--	--	--	8.25	--
OU2MW-02I2	13.7	--	--	10.2	--	--	15.7	--	--	--	14.84	13.29	--	--	--	--	8.85	--
OU2MW-02D	13.3	--	--	9.4	--	--	15.9	--	--	--	14.50	13.17	--	--	--	--	7.49	--
OU2MW-55S	--	12.1	--	9.1	--	--	--	17.7	--	--	17.22	16.50	--	--	--	--	2.00	--
OU2MW-55I	--	9.2	--	11.4	--	--	--	19.2	--	--	15.82	15.07	--	--	--	--	3.64	--
OU2MW-55I2	--	12.1	--	12.4	--	--	--	17.4	--	--	15.95	14.21	--	--	--	--	2.52	--
OU2MW-55D	--	11.8	--	12.5	--	--	--	21.7	--	--	15.3	14.15	--	--	--	--	2.16	--

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Oxidation Reduct																		
OU2MW-30S	224	249	273	253	257	201	284	298	278	248	265	267	284	270	252	284	260	251
OU2MW-30I	245	252	268	239	118	198	235	282	270	231	147	258	260	267	235	259	246	245
OU2MW-30I2	237	224	252	222	186	217	252	227	283	231	212	270	271	280	234	273	256	250
OU2MW-30I3	271	282	306	289	283	271	317	306	327	269	292	299	311	319	326	301	334	291
OU2MW-30D	247	261	285	260	244	250	276	238	312	259	192	293	296	297	318	291	241	283
OU2MW-30D2	240	260	304	276	277	270	301	269	319	244	266	281	288	300	311	282	271	275
OU2MW-39S	232	176	183	205	231	183	182	219	209	228	166	163	219	237	208	261	216	259
OU2MW-39I	213	163	151	195	184	108	169	167	193	189	145	163	173	190	182	157	212	229
OU2MW-39I2	145	157	101	151	116	87	95	90	157	203	123	196	220	230	212	217	107	217
OU2MW-39D	86	82	142	55	105	27	60	76	110	141	131	140	133	149	131	162	141	142
OU2MW-47S	232	230	223	253	130	230	212	241	188	186	174	177	191	228	185	209	271	285
OU2MW-47I	227	223	213	237	171	236	213	214	169	265	204	163	187	217	175	196	248	271
OU2MW-47I2	217	226	220	220	193	246	195	243	180	179	205	170	180	218	182	215	261	287
OU2MW-47D	210	240	215	233	194	249	197	155	163	177	219	167	182	202	181	208	239	271
OU2MW-19I	--	--	227	--	--	--	177	--	--	--	225	119	--	--	262	--	--	--
OU2MW-19I2	--	--	231	--	--	--	178	--	--	--	202	106	--	--	274	--	--	--
OU2MW-19D	--	--	187	--	--	--	170	--	--	--	163	94	--	--	135	--	--	--
OU2MW-02S	230	--	--	158	--	--	190	--	--	--	152	218	--	--	--	--	207	--
OU2MW-02I	210	--	--	203	--	--	157	--	--	--	146	178	--	--	--	--	234	--
OU2MW-02I2	-32	--	--	-100	--	--	-99	--	--	--	-49	-123	--	--	--	--	58	--
OU2MW-02D	71	--	--	137	--	--	54	--	--	--	99	132	--	--	--	--	153	--
OU2MW-55S	--	216	--	239	--	--	--	198	--	--	230	254	--	--	--	--	227	--
OU2MW-55I	--	205	--	239	--	--	--	194	--	--	179	265	--	--	--	--	294	--
OU2MW-55I2	--	237	--	260	--	--	--	224	--	--	214	231	--	--	--	--	287	--
OU2MW-55D	--	251	--	281	--	--	--	238	--	--	274	237	--	--	--	--	291	--

Appendix G. Table G-2
Summary of Groundwater Parameter Data
OU-2 Oxygen Injection System
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Bay Shore/Brightwaters Former MGP Site

Well ID	2015								2016									
	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	July-16	Aug-16	Sep-16	Oct-16
pH (SU)																		
OU2MW-30S	5.79	5.71	6.06	5.59	5.24	4.64	5.10	--	5.60	3.68	5.37	5.58	5.78	6.16	6.31	5.94	--	--
OU2MW-30I	6.60	6.06	6.39	5.90	5.32	4.85	5.38	--	5.72	4.27	5.57	5.74	6.02	6.37	6.49	6.14	--	--
OU2MW-30I2	6.48	6.04	6.37	5.89	5.10	4.83	5.52	--	5.81	4.34	5.58	5.70	5.96	6.29	6.47	6.26	--	--
OU2MW-30I3	4.95	4.99	5.38	5.02	4.99	4.52	5.07	--	5.01	3.53	4.88	5.10	5.15	5.58	5.79	5.35	--	--
OU2MW-30D	5.81	5.25	5.61	5.11	4.93	4.59	5.09	--	--	3.59	4.98	5.18	5.17	5.53	5.70	5.35	--	--
OU2MW-30D2	5.25	5.19	5.63	5.18	5.03	4.53	5.21	--	--	3.64	5.23	5.51	5.38	5.73	5.94	5.63	--	--
OU2MW-39S	5.55	5.59	5.50	5.60	4.80	5.35	5.23	4.68	5.77	5.93	5.42	5.48	2.49	5.81	6.02	5.92	--	--
OU2MW-39I	6.72	6.55	6.46	6.51	5.33	6.29	5.85	5.18	6.56	6.69	6.33	6.39	3.93	6.74	6.82	6.73	--	--
OU2MW-39I2	5.98	5.73	5.70	6.03	5.35	4.83	5.74	5.14	6.12	6.18	5.76	5.71	3.34	5.92	6.13	6.13	--	--
OU2MW-39D	4.95	4.77	4.60	4.80	4.57	4.17	4.84	4.39	4.71	4.75	4.39	4.39	2.14	4.97	5.09	5.99	--	--
OU2MW-47S	5.86	5.40	5.19	5.31	5.13	5.10	5.10	5.46	5.45	5.05	5.19	5.18	5.37	5.86	5.30	5.40	--	--
OU2MW-47I	6.12	5.62	5.71	5.78	5.48	5.37	5.50	5.75	5.67	5.22	5.37	5.31	5.25	6.02	5.61	5.64	--	--
OU2MW-47I2	6.12	5.57	5.39	5.42	5.12	5.26	5.34	5.67	5.63	5.24	5.38	5.31	5.52	6.02	5.47	5.52	--	--
OU2MW-47D	6.24	5.69	5.52	5.62	5.31	5.41	5.43	5.59	5.49	5.08	5.37	5.23	5.28	5.98	5.44	5.47	--	--
OU2MW-19I	5.99	--	6.02	--	--	5.24	--	--	--	--	5.97	--	6.15	--	6.28	--	--	--
OU2MW-19I2	5.79	--	6.14	--	--	6.00	--	--	--	--	6.03	--	5.91	--	6.39	--	--	--
OU2MW-19D	4.88	--	5.27	--	--	4.59	--	--	--	--	4.74	--	4.76	--	5.38	--	--	--
OU2MW-02S	--	5.79	--	5.91	--	--	5.17	--	--	--	5.57	--	5.33	--	6.04	--	--	--
OU2MW-02I	--	5.56	--	5.37	--	--	5.05	--	--	--	5.26	--	4.75	--	5.66	--	--	--
OU2MW-02I2	--	5.50	--	5.21	--	--	5.45	--	--	--	5.24	--	5.39	--	5.57	--	--	--
OU2MW-02D	--	5.06	--	4.74	--	--	4.96	--	--	--	4.64	--	4.54	--	5.44	--	--	--
OU2MW-55S	5.32	--	--	5.50	--	--	5.48	--	--	--	2.95	--	1.65	--	--	--	--	--
OU2MW-55I	5.61	--	--	5.81	--	--	5.87	--	--	--	3.04	--	2.43	--	--	--	--	--
OU2MW-55I2	5.34	--	--	5.30	--	--	5.62	--	--	--	2.79	--	2.64	--	--	--	--	--
OU2MW-55D	4.96	--	--	5.010	--	--	5.29	--	--	--	2.05	--	2.60	--	--	--	--	--
Conductivity (mS																		
OU2MW-30S	0.373	0.249	0.264	0.252	0.413	0.479	0.481	--	0.550	0.407	0.519	0.472	0.481	0.321	0.334	0.330	--	--
OU2MW-30I	0.537	0.459	0.552	0.479	0.492	0.501	0.481	--	0.504	0.386	0.573	0.511	0.541	0.483	0.551	0.522	--	--
OU2MW-30I2	0.538	0.436	0.499	0.480	0.538	0.661	0.637	--	0.516	0.390	0.522	0.448	0.475	0.557	0.780	0.763	--	--
OU2MW-30I3	0.459	0.375	0.383	0.377	0.323	0.394	0.446	--	0.428	0.379	0.585	0.571	0.541	0.469	0.513	0.438	--	--
OU2MW-30D	0.530	0.482	0.457	0.420	0.357	0.959	0.406	--	--	0.671	0.485	0.435	0.470	0.400	0.461	0.430	--	--
OU2MW-30D2	1.180	0.906	0.933	0.906	0.777	0.415	0.967	--	--	0.311	1.040	0.985	0.980	0.889	1.030	0.965	--	--
OU2MW-39S	0.253	0.294	0.314	0.279	0.264	0.312	0.464	0.487	0.374	0.311	0.338	0.297	0.244	0.287	0.365	0.454	--	--
OU2MW-39I	0.613	0.606	0.646	0.698	0.745	0.637	0.643	0.683	0.629	0.585	0.628	0.594	0.485	0.589	0.740	0.770	--	--
OU2MW-39I2	0.503	0.490	0.506	0.523	0.588	0.559	0.500	0.538	0.427	0.351	0.478	0.484	0.389	0.485	0.613	0.598	--	--
OU2MW-39D	0.197	0.194	0.203	0.196	0.201	0.189	0.192	0.195	0.204	0.205	0.225	0.211	0.164	0.186	0.230	0.232	--	--
OU2MW-47S	0.275	0.363	0.393	0.313	0.283	0.441	0.501	0.454	0.462	0.495	0.483	0.374	0.374	0.304	0.284	0.341	--	--
OU2MW-47I	0.565	0.682	0.584	0.429	0.314	0.509	0.607	0.491	0.415	0.436	0.557	0.499	0.356	0.361	0.407	0.389	--	--
OU2MW-47I2	0.338	0.368	0.335	0.399	0.336	0.393	0.440	0.421	0.441	0.465	0.588	0.528	0.491	0.485	0.434	0.732	--	--
OU2MW-47D	0.190	0.206	0.179	0.132	0.106	0.156	0.340	0.467	0.584	0.743	0.791	0.658	0.507	0.565	0.366	0.335	--	--
OU2MW-19I	0.677	--	0.85	--	--	0.794	--	--	--	--	1.030	--	0.839	--	1.08	--	--	--
OU2MW-19I2	0.572	--	0.93	--	--	1.320	--	--	--	--	0.622	--	0.679	--	0.62	--	--	--
OU2MW-19D	0.724	--	0.64	--	--	0.597	--	--	--	--	0.537	--	0.563	--	0.34	--	--	--
OU2MW-02S	--	0.461	--	0.425	--	--	0.365	--	--	--	0.609	--	0.479	--	0.40	--	--	--
OU2MW-02I	--	0.595	--	0.343	--	--	0.397	--	--	--	0.503	--	0.388	--	0.40	--	--	--
OU2MW-02I2	--	0.443	--	0.401	--	--	0.979	--	--	--	1.120	--	1.020	--	1.16	--	--	--
OU2MW-02D	--	0.052	--	0.038	--	--	0.054	--	--	--	0.059	--	0.056	--	0.04	--	--	--
OU2MW-55S	0.263	--	--	0.217	--	--	0.291	--	--	--	0.553	--	0.233	--	--	--	--	--
OU2MW-55I	0.625	--	--	0.366	--	--	0.359	--	--	--	0.837	--	0.389	--	--	--	--	--
OU2MW-55I2	0.414	--	--	0.411	--	--	0.495	--	--	--	0.881	--	0.287	--	--	--	--	--
OU2MW-55D	0.254	--	--	0.222	--	--	0.224	--	--	--	0.412	--	0.141	--	--	--	--	--

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	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	July-16	Aug-16	Sep-16	Oct-16
Dissolved Oxyge																		
OU2MW-30S	32.0	29.0	29.0	28.0	19.0	23.0	18.0	--	18.0	17.0	23.0	28.0	24.0	29.0	29.0	32.0	--	--
OU2MW-30I	29.0	31.0	36.0	26.0	18.0	21.0	17.0	--	19.0	17.0	25.0	25.0	23.0	36.0	34.0	39.0	--	--
OU2MW-30I2	31.0	29.0	22.0	31.0	21.0	24.0	17.0	--	19.0	16.0	21.0	24.0	16.0	42.0	45.0	36.0	--	--
OU2MW-30I3	36.0	29.0	31.0	32.0	31.0	21.0	20.0	--	21.0	17.0	25.0	24.0	18.0	36.0	30.0	39.0	--	--
OU2MW-30D	33.0	26.0	28.0	33.0	30.0	25.0	19.0	--	--	18.0	25.0	24.0	24.0	36.0	43.0	37.0	--	--
OU2MW-30D2	28.7	16.0	23.0	27.0	31.0	21.0	18.0	--	--	17.0	23.0	22.0	16.0	17.0	21.0	14.0	--	--
OU2MW-39S	12.0	22.0	21.0	21.0	24.0	35.0	17.0	25.8	14.0	12.0	10.0	13.0	21.0	22.0	20.0	22.0	--	--
OU2MW-39I	24.0	20.0	24.0	17.0	18.0	12.0	18.0	34.6	20.0	17.0	15.0	17.0	23.0	9.0	24.0	31.0	--	--
OU2MW-39I2	27.0	16.0	25.0	20.0	22.0	23.0	18.0	36.2	16.0	15.0	14.0	16.0	23.0	21.0	22.0	26.0	--	--
OU2MW-39D	5.0	3.0	0.2	0.4	3.0	0.4	0.6	17.2	3.0	5.0	5.0	5.0	3.0	7.0	0.4	0.4	--	--
OU2MW-47S	23.0	27.0	22.0	27.0	28.0	23.0	30.0	46.5	20.0	21.0	18.0	26.0	20.0	30.0	22.0	25.0	--	--
OU2MW-47I	26.0	33.0	37.0	34.0	36.0	21.0	31.0	50.0	24.0	21.0	28.0	26.0	21.0	36.0	44.0	34.0	--	--
OU2MW-47I2	21.0	33.0	55.0	27.0	34.0	25.0	31.0	50.0	23.0	23.0	21.0	26.0	30.0	33.0	28.0	42.0	--	--
OU2MW-47D	21.0	30.0	34.0	29.0	29.0	40.0	28.0	50.0	24.0	24.0	26.0	31.0	19.0	37.0	26.0	22.0	--	--
OU2MW-19I	31.50	--	16.36	--	--	47.670	--	--	--	--	29.6	--	26.0	--	11.0	--	--	--
OU2MW-19I2	37.40	--	29.69	--	--	50.000	--	--	--	--	50.0	--	31.0	--	29.1	--	--	--
OU2MW-19D	2.80	--	1.10	--	--	4.250	--	--	--	--	16.6	--	15.2	--	13.4	--	--	--
OU2MW-02S	--	19.36	--	29.51	--	--	16.2	--	--	--	50.0	--	44.9	--	28.9	--	--	--
OU2MW-02I	--	20.03	--	50.0	--	--	31.0	--	--	--	50.0	--	46.9	--	19.1	--	--	--
OU2MW-02I2	--	4.07	--	0.40	--	--	0.5	--	--	--	0.8	--	0.6	--	0.7	--	--	--
OU2MW-02D	--	3.30	--	0.50	--	--	0.5	--	--	--	0.9	--	0.5	--	3.9	--	--	--
OU2MW-55S	46.40	--	--	29.80	--	--	27.8	--	--	--	23.12	--	24.32	--	--	--	--	--
OU2MW-55I	49.91	--	--	45.10	--	--	35.9	--	--	--	30.0	--	50.0	--	--	--	--	--
OU2MW-55I2	47.01	--	--	23.42	--	--	38.9	--	--	--	33.4	--	32.1	--	--	--	--	--
OU2MW-55D	43.41	--	--	24.60	--	--	37.1	--	--	--	30.6	--	30.7	--	--	--	--	--
Temperature (deg																		
OU2MW-30S	12.69	17.89	19.20	20.40	19.49	18.75	16.41		11.00	12.89	11.10	11.60	12.08	20.68	18.38	20.78	--	--
OU2MW-30I	16.00	15.67	16.70	18.10	15.56	15.15	14.58		11.90	14.70	11.90	12.60	12.27	18.01	16.13	19.10	--	--
OU2MW-30I2	17.00	16.10	17.00	19.00	15.74	14.95	14.75		11.70	14.94	12.10	12.50	12.42	18.83	17.11	19.15	--	--
OU2MW-30I3	13.08	16.68	17.00	17.90	14.39	15.38	14.80		12.00	14.47	12.70	11.40	12.64	18.75	16.46	19.80	--	--
OU2MW-30D	12.80	15.72	16.60	19.30	14.63	15.07	15.15		--	14.87	13.10	13.20	12.04	17.11	16.80	21.20	--	--
OU2MW-30D2	13.73	15.89	18.30	19.20	15.03	15.95	15.02		--	14.97	12.90	12.10	12.46	19.69	16.53	20.00	--	--
OU2MW-39S	11.60	16.72	16.95	22.55	16.91	10.71	8.87	10.96	11.50	10.90	11.40	13.40	14.26	18.84	19.68	21.33	--	--
OU2MW-39I	13.08	18.65	18.01	22.49	17.40	13.09	11.01	11.80	12.60	11.90	12.50	12.80	17.27	22.44	18.59	20.29	--	--
OU2MW-39I2	13.36	20.10	18.60	24.18	16.61	12.24	9.18	12.19	13.40	11.30	11.90	11.00	18.47	18.32	21.39	17.53	--	--
OU2MW-39D	14.31	20.20	15.09	24.55	17.18	13.16	9.76	12.06	11.90	10.20	10.20	8.00	19.01	23.29	20.08	19.66	--	--
OU2MW-47S	14.20	17.80	15.47	20.00	18.50	17.93	15.00	13.90	11.10	11.00	10.50	14.30	12.44	16.17	16.94	18.74	--	--
OU2MW-47I	14.10	15.60	13.63	17.40	19.60	15.78	13.90	13.70	12.40	12.50	11.90	15.10	15.28	15.53	15.23	17.40	--	--
OU2MW-47I2	15.70	16.40	14.09	17.90	18.40	13.94	14.60	13.30	11.80	12.10	11.60	16.00	13.57	16.07	18.20	17.39	--	--
OU2MW-47D	14.60	18.00	14.81	16.80	16.70	13.81	--	13.70	11.70	12.00	12.40	15.10	16.12	16.40	16.38	19.45	--	--
OU2MW-19I	12.63	--	16.16	--	--	16.37	--	--	--	--	10.50	--	12.21	--	16.4	--	--	--
OU2MW-19I2	13.66	--	16.08	--	--	13.82	--	--	--	--	12.10	--	13.11	--	16.2	--	--	--
OU2MW-19D	13.87	--	15.42	--	--	14.82	--	--	--	--	16.27	--	12.91	--	15.9	--	--	--
OU2MW-02S	--	17.38	--	18.38	--	--	19.21	--	--	--	11.70	--	15.86	--	15.5	--	--	--
OU2MW-02I	--	19.11	--	19.90	--	--	14.53	--	--	--	12.70	--	16.25	--	16.2	--	--	--
OU2MW-02I2	--	18.62	--	18.30	--	--	13.39	--	--	--	12.40	--	12.79	--	15.6	--	--	--
OU2MW-02D	--	18.23	--	17.80	--	--	12.88	--	--	--	12.00	--	12.30	--	15.1	--	--	--
OU2MW-55S	10.78	--	--	15.18	--	--	15.67	--	--	--	13.49	--	13.60	--	--	--	--	--
OU2MW-55I	12.01	--	--	13.53	--	--	15.04	--	--	--	14.56	--	14.96	--	--	--	--	--
OU2MW-55I2	12.42	--	--	15.27	--	--	15.84	--	--	--	14.55	--	15.09	--	--	--	--	--
OU2MW-55D	12.32	--	--	15.05	--	--	15.72	--	--	--	14.95	--	15.21	--	--	--	--	--

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Oxidation Reduct																		
OU2MW-30S	194	216	213	241	213	229	259	--	231	338	229	152	185	223	271	190	--	--
OU2MW-30I	194	219	185	219	215	228	268	--	218	328	233	187	173	209	270	235	--	--
OU2MW-30I2	201	227	191	227	228	227	268	--	214	340	252	208	153	220	280	220	--	--
OU2MW-30I3	269	339	235	263	272	247	294	--	250	386	258	177	217	269	299	274	--	--
OU2MW-30D	242	331	211	248	231	232	297	--	--	275	246	184	204	254	286	267	--	--
OU2MW-30D2	252	338	235	251	254	255	288	--	--	387	238	148	193	254	273	245	--	--
OU2MW-39S	260	261	245	260	262	160	295	208	169	182	167	128	335	219	192	202	--	--
OU2MW-39I	233	216	187	202	205	99	260	191	132	141	112	72	276	172	197	200	--	--
OU2MW-39I2	239	207	208	207	204	223	244	200	101	132	108	83	296	219	185	245	--	--
OU2MW-39D	165	133	138	123	140	171	181	192	93	109	137	115	165	90	93	84	--	--
OU2MW-47S	252	122	301	300	212	252	208	208	191	239	232	208	210	201	230	237	--	--
OU2MW-47I	233	178	321	319	187	250	196	211	201	229	223	200	369	196	203	225	--	--
OU2MW-47I2	231	152	330	281	205	170	203	200	203	236	227	199	196	212	229	217	--	--
OU2MW-47D	224	157	326	328	189	170	199	212	215	273	220	199	375	195	218	229	--	--
OU2MW-19I	181	--	228.00	--	--	185	--	--	--	--	166	--	216	--	209.0	--	--	--
OU2MW-19I2	211	--	201.00	--	--	140	--	--	--	--	185	--	228	--	258.0	--	--	--
OU2MW-19D	175	--	62.00	--	--	175	--	--	--	--	142	--	137	--	121.0	--	--	--
OU2MW-02S	--	191	--	218	--	--	203	--	--	--	182	--	351	--	140.0	--	--	--
OU2MW-02I	--	226	--	196	--	--	235	--	--	--	179	--	380	--	216.0	--	--	--
OU2MW-02I2	--	-21	--	-78	--	--	-107	--	--	--	-79	--	-99	--	-71.0	--	--	--
OU2MW-02D	--	142	--	67	--	--	91	--	--	--	112	--	122	--	75.0	--	--	--
OU2MW-55S	220	--	--	199	--	--	189	--	--	--	333	--	349	--	--	--	--	--
OU2MW-55I	227	--	--	198	--	--	187	--	--	--	354	--	335	--	--	--	--	--
OU2MW-55I2	248	--	--	288	--	--	212	--	--	--	372	--	335	--	--	--	--	--
OU2MW-55D	278	--	--	326	--	--	239	--	--	--	375	--	347	--	--	--	--	--

Appendix G. Table G-2
Summary of Groundwater Parameter Data
OU-2 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	2016		2017						Baseline Average	Historical Average	Q3 2016 - Q2 2017 Average
	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17			
pH (SU)											
OU2MW-30S	6.36	--	--	6.36	--	6.02	--	--	**6.28**	**5.79**	**6.20**
OU2MW-30I	6.31	--	--	6.28	--	6.15	--	--	**6.64**	**5.94**	**6.27**
OU2MW-30I2	6.45	--	--	6.56	--	6.26	--	--	**6.54**	**5.91**	**6.40**
OU2MW-30I3	5.65	--	--	5.64	--	5.41	--	--	**6.10**	**5.46**	**5.57**
OU2MW-30D	5.56	--	--	5.62	--	5.27	--	--	**5.99**	**5.48**	**5.50**
OU2MW-30D2	6.00	--	--	5.74	--	5.40	--	--	**6.15**	**5.52**	**5.74**
OU2MW-39S	6.08	--	--	6.17	--	--	--	6.18	**5.67**	**5.66**	**6.07**
OU2MW-39I	6.82	--	--	6.92	--	--	--	6.94	**7.49**	**6.31**	**6.85**
OU2MW-39I2	6.27	--	--	6.37	--	--	--	6.49	**5.60**	**5.34**	**6.28**
OU2MW-39D	4.93	--	--	5.25	--	--	--	5.25	**6.97**	**4.95**	**5.30**
OU2MW-47S	5.91	--	--	6.21	--	5.65	--	--	**6.33**	**5.55**	**5.69**
OU2MW-47I	5.85	--	--	6.43	--	5.82	--	--	**6.55**	**5.94**	**5.87**
OU2MW-47I2	6.26	--	--	6.49	--	5.76	--	--	**6.28**	**5.95**	**5.90**
OU2MW-47D	5.78	--	--	6.25	--	5.57	--	--	**5.55**	**5.76**	**5.70**
OU2MW-19I	--	6.45	6.66	--	--	--	6.42	--	**7.51**	**6.30**	**6.45**
OU2MW-19I2	--	6.74	6.88	--	--	--	6.65	--	**5.94**	**6.00**	**6.67**
OU2MW-19D	--	5.39	5.56	--	--	--	5.27	--	**7.09**	**5.51**	**5.40**
OU2MW-02S	--	6.09	6.09	--	--	--	6.16	--	**6.88**	**5.85**	**6.10**
OU2MW-02I	--	5.80	5.91	--	--	--	5.96	--	**6.12**	**6.03**	**5.83**
OU2MW-02I2	--	5.81	5.48	--	--	--	6.19	--	**6.14**	**5.81**	**5.76**
OU2MW-02D	--	5.46	5.85	--	--	--	5.76	--	**5.74**	**5.11**	**5.63**
OU2MW-55S	--	--	--	--	--	--	--	5.77	**6.28**	**5.48**	**5.77**
OU2MW-55I	--	--	--	--	--	--	--	5.94	**5.53**	**5.59**	**5.94**
OU2MW-55I2	--	--	--	--	--	--	--	4.86	**5.10**	**5.28**	**4.86**
OU2MW-55D	--	--	--	--	--	--	--	4.64	**5.13**	**4.91**	**4.64**
Conductivity (mS											
OU2MW-30S	0.501	--	--	0.630	--	0.788	--	--	**0.485**	**0.41**	**0.52**
OU2MW-30I	0.510	--	--	0.742	--	0.997	--	--	**0.646**	**0.60**	**0.66**
OU2MW-30I2	0.568	--	--	0.559	--	1.110	--	--	**0.424**	**0.56**	**0.76**
OU2MW-30I3	0.540	--	--	0.678	--	0.891	--	--	**0.727**	**0.46**	**0.61**
OU2MW-30D	0.490	--	--	0.580	--	0.740	--	--	**0.521**	**0.46**	**0.54**
OU2MW-30D2	1.020	--	--	0.922	--	1.10	--	--	**0.561**	**0.66**	**1.01**
OU2MW-39S	0.560	--	--	0.508	--	--	--	0.291	**0.211**	**0.33**	**0.44**
OU2MW-39I	0.738	--	--	0.799	--	--	--	0.627	**0.408**	**0.69**	**0.73**
OU2MW-39I2	0.516	--	--	0.687	--	--	--	0.636	**0.233**	**0.43**	**0.61**
OU2MW-39D	0.228	--	--	0.257	--	--	--	0.228	**0.133**	**0.32**	**0.24**
OU2MW-47S	0.618	--	--	0.578	--	0.79	--	--	**0.303**	**0.38**	**0.52**
OU2MW-47I	0.643	--	--	0.556	--	1.03	--	--	**0.640**	**0.61**	**0.61**
OU2MW-47I2	0.641	--	--	0.426	--	0.70	--	--	**0.490**	**0.53**	**0.59**
OU2MW-47D	0.402	--	--	0.551	--	1.55	--	--	**0.341**	**0.45**	**0.64**
OU2MW-19I	--	0.948	0.918	--	--	--	1.000	--	**0.631**	**0.79**	**0.99**
OU2MW-19I2	--	0.679	0.563	--	--	--	0.452	--	**0.553**	**0.66**	**0.58**
OU2MW-19D	--	0.495	0.475	--	--	--	0.444	--	**1.310**	**0.77**	**0.44**
OU2MW-02S	--	0.586	0.661	--	--	--	0.487	--	**0.405**	**0.57**	**0.53**
OU2MW-02I	--	0.388	0.414	--	--	--	0.245	--	**0.178**	**0.51**	**0.36**
OU2MW-02I2	--	0.991	0.062	--	--	--	0.809	--	**0.122**	**0.35**	**0.76**
OU2MW-02D	--	0.061	1.090	--	--	--	0.035	--	**0.037**	**0.05**	**0.31**
OU2MW-55S	--	--	--	--	--	--	--	0.325	**0.288**	**0.31**	**0.33**
OU2MW-55I	--	--	--	--	--	--	--	0.372	**0.471**	**0.50**	**0.37**
OU2MW-55I2	--	--	--	--	--	--	--	1.070	**0.265**	**0.40**	**1.07**
OU2MW-55D	--	--	--	--	--	--	--	0.426	**0.144**	**0.26**	**0.43**

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Summary of Groundwater Parameter Data
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Bay Shore/Brightwaters Former MGP Site

Well ID	2016		2017						Baseline Average	Historical Average	Q3 2016 - Q2 2017 Average
	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17			
Dissolved Oxyge											
OU2MW-30S	23.0	--	--	19.0	--	21.0			**0.0**	**25.52**	**24.80**
OU2MW-30I	39.0	--	--	21.0	--	43.0	--	--	**0.0**	**29.47**	**35.20**
OU2MW-30I2	25.0	--	--	22.0	--	46.4	--	--	**0.7**	**31.69**	**34.87**
OU2MW-30I3	33.0	--	--	22.0	--	37.0	--	--	**0.0**	**30.78**	**32.20**
OU2MW-30D	31.0	--	--	18.0	--	27.0	--	--	**0.5**	**31.89**	**31.20**
OU2MW-30D2	6.0	--	--	3.9	--	18.00	--	--	**0.0**	**17.71**	**12.59**
OU2MW-39S	25.0	--	--	17.0	--	--	--	17.0	**1.8**	**21.58**	**20.20**
OU2MW-39I	31.0	--	--	12.9	--	--	--	14.0	**7.2**	**27.14**	**22.58**
OU2MW-39I2	24.0	--	--	17.4	--	--	--	30.0	**0.0**	**8.72**	**23.87**
OU2MW-39D	2.0	--	--	0.6	--	--	--	1.0	**0.0**	**1.62**	**0.88**
OU2MW-47S	20.0	--	--	20.0	--	19.00	--	--	**0.0**	**26.76**	**21.20**
OU2MW-47I	29.0	--	--	26.0	--	21.00	--	--	**0.0**	**30.32**	**30.80**
OU2MW-47I2	25.0	--	--	24.0	--	27.00	--	--	**0.0**	**30.90**	**29.20**
OU2MW-47D	27.0	--	--	24.0	--	18.00	--	--	**0.0**	**28.73**	**23.40**
OU2MW-19I	--	50.0	27.9	--	--	--	16.5	--	**0.0**	**16.98**	**26.34**
OU2MW-19I2	--	22.6	31.8	--	--	--	32.1	--	**0.0**	**27.72**	**28.89**
OU2MW-19D	--	50.0	19.4	--	--	--	9.5	--	**0.0**	**7.00**	**23.07**
OU2MW-02S	--	14.6	23.8	--	--	--	28.3	--	**1.8**	**20.96**	**23.90**
OU2MW-02I	--	20.6	30.4	--	--	--	23.0	--	**0.4**	**16.73**	**23.27**
OU2MW-02I2	--	1.6	6.7	--	--	--	0.0	--	**0.5**	**1.13**	**2.24**
OU2MW-02D	--	3.7	1.3	--	--	--	0.0	--	**0.9**	**1.21**	**2.22**
OU2MW-55S	--	--	--	--	--	--	--	24.9	**19.8**	**23.66**	**24.92**
OU2MW-55I	--	--	--	--	--	--	--	32.4	**26.4**	**31.23**	**32.35**
OU2MW-55I2	--	--	--	--	--	--	--	24.2	**24.2**	**30.28**	**24.15**
OU2MW-55D	--	--	--	--	--	--	--	22.1	**18.8**	**23.96**	**22.08**
Temperature (dec											
OU2MW-30S	16.52	--	--	11.90	--	12.21	--	--	**15.0**	**15.97**	**15.96**
OU2MW-30I	14.35	--	--	13.98	--	13.50	--	--	**14.3**	**14.96**	**15.41**
OU2MW-30I2	13.98	--	--	14.01	--	13.77	--	--	**14.5**	**15.03**	**15.60**
OU2MW-30I3	14.03	--	--	14.09	--	14.22	--	--	**14.3**	**14.97**	**15.72**
OU2MW-30D	13.47	--	--	14.03	--	13.42	--	--	**14.0**	**14.81**	**15.78**
OU2MW-30D2	14.26	--	--	14.01	--	13.54	--	--	**14.2**	**15.00**	**15.67**
OU2MW-39S	15.09	--	--	6.69	--	--	--	15.10	**9.2**	**13.66**	**15.58**
OU2MW-39I	14.48	--	--	10.80	--	--	--	14.69	**12.9**	**14.06**	**15.77**
OU2MW-39I2	14.81	--	--	9.80	--	--	--	15.82	**12.0**	**13.89**	**15.87**
OU2MW-39D	14.25	--	--	11.10	--	--	--	15.46	**11.9**	**13.70**	**16.11**
OU2MW-47S	14.40	--	--	12.57	--	12.04	--	--	**12.6**	**15.04**	**14.94**
OU2MW-47I	13.08	--	--	13.83	--	13.16	--	--	**13.8**	**14.91**	**14.54**
OU2MW-47I2	12.34	--	--	13.37	--	13.75	--	--	**13.1**	**15.03**	**15.01**
OU2MW-47D	12.72	--	--	13.06	--	14.19	--	--	**13.4**	**14.97**	**15.16**
OU2MW-19I	--	14.28	12.36	--	--	--	12.62	--	**17.7**	**14.43**	**13.93**
OU2MW-19I2	--	13.02	12.36	--	--	--	13.39	--	**15.3**	**14.30**	**13.74**
OU2MW-19D	--	12.57	11.98	--	--	--	13.08	--	**15.2**	**14.30**	**13.38**
OU2MW-02S	--	11.63	7.74	--	--	--	13.35	--	**16.7**	**15.76**	**12.07**
OU2MW-02I	--	11.58	7.62	--	--	--	12.90	--	**18.0**	**15.25**	**12.07**
OU2MW-02I2	--	11.33	10.56	--	--	--	12.71	--	**16.0**	**14.74**	**12.54**
OU2MW-02D	--	9.83	10.40	--	--	--	12.90	--	**17.2**	**14.75**	**12.06**
OU2MW-55S	--	--	--	--	--	--	--	12.32	**12.9**	**14.50**	**12.32**
OU2MW-55I	--	--	--	--	--	--	--	12.51	**15.1**	**14.76**	**12.51**
OU2MW-55I2	--	--	--	--	--	--	--	13.47	**14.8**	**14.89**	**13.47**
OU2MW-55D	--	--	--	--	--	--	--	13.34	**14.8**	**15.13**	**13.34**

Appendix G. Table G-2
Summary of Groundwater Parameter Data
OU-2 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	2016		2017						Baseline Average	Historical Average	Q3 2016 - Q2 2017 Average
	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17			
Oxidation Reduct											
OU2MW-30S	117	--	--	238	--	217	--	--	**11**	**227.21**	**206.60**
OU2MW-30I	272	--	--	275	--	203	--	--	**-119**	**206.07**	**251.00**
OU2MW-30I2	280	--	--	281	--	187	--	--	**-53**	**218.28**	**249.60**
OU2MW-30I3	284	--	--	318	--	273	--	--	**19**	**238.45**	**289.60**
OU2MW-30D	288	--	--	325	--	273	--	--	**87**	**234.51**	**287.80**
OU2MW-30D2	226	--	--	212	--	188.00	--	--	**-96**	**206.46**	**228.80**
OU2MW-39S	176	--	--	266	--	--	--	163	**147**	**207.09**	**199.80**
OU2MW-39I	151	--	--	245	--	--	--	173	**17**	**170.55**	**193.20**
OU2MW-39I2	168	--	--	247	--	--	--	187	**128**	**149.37**	**206.40**
OU2MW-39D	74	--	--	78	--	--	--	72	**38**	**99.39**	**80.20**
OU2MW-47S	200	--	--	262	--	272.00	--	--	**-62**	**226.20**	**240.20**
OU2MW-47I	235	--	--	259	--	262.00	--	--	**-104**	**218.51**	**236.80**
OU2MW-47I2	184	--	--	264	--	259.00	--	--	**75**	**220.53**	**230.60**
OU2MW-47D	223	--	--	280	--	273.00	--	--	**79**	**211.43**	**244.60**
OU2MW-19I	--	274	150	--	--	--	244	--	**-102**	**112.90**	**219.25**
OU2MW-19I2	--	283	164	--	--	--	242	--	**54**	**184.10**	**236.75**
OU2MW-19D	--	162	135	--	--	--	201	--	**-118**	**103.77**	**154.75**
OU2MW-02S	--	156	179	--	--	--	191	--	**-183**	**159.36**	**166.50**
OU2MW-02I	--	248	183	--	--	--	258	--	**101**	**57.90**	**226.25**
OU2MW-02I2	--	-117	42	--	--	--	-102	--	**-6**	**-23.38**	**-62.00**
OU2MW-02D	--	76	-65	--	--	--	110	--	**69**	**103.69**	**49.00**
OU2MW-55S	--	--	--	--	--	--	--	258.0	**107**	**185.56**	**258.00**
OU2MW-55I	--	--	--	--	--	--	--	265.0	**208**	**215.04**	**265.00**
OU2MW-55I2	--	--	--	--	--	--	--	334.0	**214**	**246.68**	**334.00**
OU2MW-55D	--	--	--	--	--	--	--	335.0	**183**	**263.96**	**335.00**

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2002					2003								2004		
		Jul-02	Aug-02	Sep-02	Oct-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Aug-03	Sep-03	Jan-04	Feb-04	Mar-04
pH (SU)																	
IO-10	OU-3 Community Road	6.17	6.52	6.04	6.46	6.38	6.31	6.43	6.52	7.39	6.29	6.41	6.33	6.45	6.20	6.56	6.49
MW-34S	OU-3 Community Road	6.03	5.96	6.04	6.12	6.97	6.29	6.23	6.59	8.43	6.29	5.99	6.06	6.03	5.91	6.49	6.66
MW-34I	OU-3 Community Road	6.30	6.07	6.17	6.62	7.09	6.99	6.31	6.32	6.44	6.57	6.47	6.71	6.80	6.39	6.89	6.86
MW-34D	OU-3 Community Road	6.17	5.90	6.06	6.07	6.31	6.20	6.39	6.14	6.38	6.01	5.80	6.14	6.29	6.10	6.74	6.72
MW-46WR	OU-3 Community Road	--	--	--	--	6.47	6.23	6.17	6.30	6.11	5.99	5.80	--	6.02	5.99	6.43	6.50
MW-70/70S	OU-3 Community Road	5.92	5.91	5.99	5.93	5.72	5.96	6.11	6.44	6.02	5.96	5.71	5.92	6.00	5.88	6.38	6.63
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conductivity (mS/cm)																	
IO-10	OU-3 Community Road	0.562	0.689	0.612	0.452	0.345	0.348	0.334	0.401	0.277	0.393	0.278	0.267	0.278	0.437	0.716	0.473
MW-34S	OU-3 Community Road	0.490	0.624	0.540	0.577	0.586	0.429	0.451	0.538	0.361	0.535	0.492	0.554	0.494	0.500	0.555	0.530
MW-34I	OU-3 Community Road	0.553	0.640	0.724	0.341	0.483	0.293	0.316	0.508	0.349	0.391	0.305	0.268	0.294	0.558	0.684	0.627
MW-34D	OU-3 Community Road	0.214	0.277	0.252	0.261	0.318	0.250	0.222	0.301	0.198	0.246	0.284	0.309	0.277	0.231	0.255	0.191
MW-46WR	OU-3 Community Road	--	--	--	--	0.476	0.372	0.391	0.455	0.616	0.991	0.821	--	0.609	0.721	1.140	1.330
MW-70/70S	OU-3 Community Road	0.388	0.578	0.556	0.477	0.422	0.310	0.339	0.606	1.250	0.328	0.356	0.443	0.355	0.394	0.481	0.340
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2002					2003								2004		
		Jul-02	Aug-02	Sep-02	Oct-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Aug-03	Sep-03	Jan-04	Feb-04	Mar-04
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Oxygen (mg/L)																	
IO-10	OU-3 Community Road	12.0	0.8	10.0	5.5	16.0	8.0	0.0	2.5	25.0	22.0	19.0	11.0	12.0	7.0	5.0	4.0
MW-34S	OU-3 Community Road	0.4	0.0	1.0	0.2	0.0	0.0	2.0	0.0	1.8	0.0	0.8	0.8	0.2	0.0	0.0	0.0
MW-34I	OU-3 Community Road	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
MW-34D	OU-3 Community Road	1.0	1.0	1.6	0.9	1.6	0.4	2.0	0.0	1.2	1.0	1.0	0.8	0.4	0.4	0.0	0.0
MW-46WR	OU-3 Community Road	--	--	--	--	14.0	0.0	0.0	0.5	3.0	2.0	1.2	--	0.0	1.2	1.0	1.4
MW-70/70S	OU-3 Community Road	20.0	3.0	6.0	7.0	18.0	9.0	0.0	1.0	11.0	9.0	19.0	19.0	22.0	26.0	25.0	40.0
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature (degrees Celcius)																	
IO-10	OU-3 Community Road	17.3	18.9	19.8	18.7	15.5	14.1	9.5	10.9	11.4	13.6	15.9	18.0	17.5	10.7	9.8	10.1
MW-34S	OU-3 Community Road	21.2	21.5	22.0	19.5	12.4	8.9	5.0	5.9	8.3	13.1	16.6	21.5	18.8	7.6	6.8	7.7
MW-34I	OU-3 Community Road	16.4	16.1	17.5	18.3	16.3	14.4	11.9	11.7	10.7	12.7	14.2	16.2	16.6	12.6	11.9	11.0
MW-34D	OU-3 Community Road	15.7	15.9	16.3	16.7	14.8	14.9	11.0	13.0	12.8	13.0	14.3	15.2	14.7	13.0	13.4	12.2
MW-46WR	OU-3 Community Road	--	--	--	--	13.0	10.6	7.3	8.3	10.8	15.8	18.8	--	19.7	7.2	6.5	8.6
MW-70/70S	OU-3 Community Road	19.0	20.4	21.7	19.2	13.8	11.1	7.1	7.4	8.6	13.2	15.6	20.2	18.2	8.9	7.8	8.1
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	Oxygen Injection System	2002					2003								2004		
		Jul-02	Aug-02	Sep-02	Oct-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Aug-03	Sep-03	Jan-04	Feb-04	Mar-04
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxidation Reduction Potential (mV)																	
IO-10	OU-3 Community Road	11	-125	3	-73.5	1	117	-159	-104	-23	-4	3	11	-12	-16	27	21
MW-34S	OU-3 Community Road	-150	-171	-24	-118.5	-67	35	85	-75	-71	-61	-115	-106	-42	-95	-140	-112
MW-34I	OU-3 Community Road	-147	-178	-142	-156	-100	-303	-222	-139	-164	-109	-137	-136	-117	-132	-150	-129
MW-34D	OU-3 Community Road	55	85	58	28.5	25	-16	45	118	85	22	62	77	114	132	-95	-20
MW-46WR	OU-3 Community Road	--	--	--	--	-23	-10	-172	-83	-50	-35	-79	--	-80	-71	-105	-69
MW-70/70S	OU-3 Community Road	94	8	2	-8	62	169	-37	-50	46	42	10	19	34	43	12	6
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	Oxygen Injection System	2004						2005									
		May-04	Jun-04	Jul-04	Aug-04	Sep-04	Nov-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05
pH (SU)																	
IO-10	OU-3 Community Road	--	6.20	6.02	6.17	6.41	--	6.73	6.49	6.36	6.46	6.30	6.34	6.34	6.37	6.39	6.20
MW-34S	OU-3 Community Road	--	6.44	5.77	5.97	5.62	--	6.21	6.04	6.06	6.19	5.96	5.84	5.88	5.84	6.05	5.85
MW-34I	OU-3 Community Road	--	6.50	6.27	6.46	6.48	--	6.71	6.46	6.39	6.37	6.35	6.42	6.56	6.40	6.74	6.02
MW-34D	OU-3 Community Road	--	5.70	5.78	6.03	5.69	--	6.32	5.99	5.95	6.24	6.03	6.03	6.07	6.15	6.07	5.74
MW-46WR	OU-3 Community Road	--	6.08	5.87	6.20	6.09	--	6.26	6.06	6.15	6.32	6.12	6.03	6.01	6.07	6.36	5.77
MW-70/70S	OU-3 Community Road	--	6.31	5.82	6.11	5.96	--	5.95	5.80	5.73	6.21	5.85	5.95	6.17	6.09	6.21	5.68
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conductivity (mS/cm)																	
IO-10	OU-3 Community Road	--	0.435	0.413	0.271	0.279	--	0.390	0.461	0.507	0.369	0.397	0.502	0.338	0.374	0.533	0.528
MW-34S	OU-3 Community Road	--	0.632	0.446	0.428	0.423	--	0.370	0.403	0.430	0.419	0.751	0.730	0.418	0.394	0.593	0.691
MW-34I	OU-3 Community Road	--	0.404	0.300	0.323	0.296	--	0.336	0.351	0.489	0.376	0.425	0.451	0.341	0.416	0.442	0.556
MW-34D	OU-3 Community Road	--	0.211	0.213	0.212	0.194	--	0.195	0.203	0.210	0.173	0.262	0.336	0.271	0.236	0.211	0.306
MW-46WR	OU-3 Community Road	--	1.220	0.709	0.629	0.432	--	0.535	1.000	1.565	2.370	2.230	1.420	1.350	0.549	0.940	0.551
MW-70/70S	OU-3 Community Road	--	0.645	0.644	0.630	0.435	--	0.311	0.296	0.516	0.449	0.574	0.600	0.392	0.355	0.415	0.469
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2004						2005									
		May-04	Jun-04	Jul-04	Aug-04	Sep-04	Nov-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Oxygen (mg/L)																	
IO-10	OU-3 Community Road	--	0.0	0.0	2.0	0.0	--	0.0	0.1	0.0	0.0	0.0	0.0	16.0	0.0	12.0	38.0
MW-34S	OU-3 Community Road	--	0.0	0.0	0.0	0.0	--	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-34I	OU-3 Community Road	--	0.0	0.0	0.0	0.0	--	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-34D	OU-3 Community Road	--	0.0	0.0	0.0	0.0	--	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-46WR	OU-3 Community Road	--	0.0	0.0	0.5	0.0	--	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-70/70S	OU-3 Community Road	--	0.0	0.0	0.0	0.0	--	27.0	27.0	14.0	7.0	0.0	0.4	3.0	0.0	0.0	0.0
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature (degrees Celcius)																	
IO-10	OU-3 Community Road	--	18.4	19.0	17.7	19.5	--	11.3	11.0	10.2	11.8	13.1	15.3	17.0	18.1	19.6	17.4
MW-34S	OU-3 Community Road	--	18.7	20.6	20.0	21.2	--	8.0	6.6	6.8	11.4	12.8	16.8	18.7	21.2	22.1	17.6
MW-34I	OU-3 Community Road	--	15.4	16.5	16.9	17.9	--	11.6	11.6	10.7	11.7	11.5	14.4	14.6	16.1	18.1	16.9
MW-34D	OU-3 Community Road	--	15.9	16.0	15.8	16.4	--	11.8	12.8	12.4	12.9	12.5	14.6	14.8	15.9	16.5	15.4
MW-46WR	OU-3 Community Road	--	21.9	24.0	22.8	22.7	--	8.6	7.4	7.6	13.7	16.0	20.1	22.6	23.5	24.0	18.9
MW-70/70S	OU-3 Community Road	--	19.4	20.3	20.9	20.7	--	7.8	8.1	7.6	10.4	12.3	17.0	18.5	20.5	21.1	18.4
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2004						2005									
		May-04	Jun-04	Jul-04	Aug-04	Sep-04	Nov-04	Jan-05	Feb-05	Mar-05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxidation Reduction Potential (mV)																	
IO-10	OU-3 Community Road	--	-97	-101	-7	-72	--	-110	-96	-118	-117	-84	-92.5	11	-123	24	42
MW-34S	OU-3 Community Road	--	-165	-109	-124	-123	--	-61	3	-33	-54	-183	-44	-141	-135	-88	-180
MW-34I	OU-3 Community Road	--	-150	-130	-144	-117	--	-87	-93	-106	-113	-141	-106	-156	-167	-137	-188
MW-34D	OU-3 Community Road	--	16	5	63	107	--	125	130	82	90	115	178	24	-15	191	-121
MW-46WR	OU-3 Community Road	--	-181	-119	-110	-110	--	-83	-67	-82.5	-103	-203	-94	-189	-148	-119	-291
MW-70/70S	OU-3 Community Road	--	-154	-117	-118	-148	--	68	105	73.5	40	-66	-62	-130	-132	-119	-279
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	Oxygen Injection System	2005		2006								2006				2007	
		Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07
pH (SU)																	
IO-10	OU-3 Community Road	6.14	6.14	6.60	6.49	6.29	--	6.13	5.69	7.26	6.00	6.44	6.16	6.79	6.51	6.10	6.26
MW-34S	OU-3 Community Road	6.12	6.03	6.39	6.09	6.00	--	6.07	5.94	6.37	6.04	6.19	6.16	6.48	6.26	6.01	6.01
MW-34I	OU-3 Community Road	6.24	6.28	6.74	6.46	6.34	--	--	6.15	6.53	6.21	6.37	6.12	6.40	6.03	5.94	6.12
MW-34D	OU-3 Community Road	5.98	5.99	6.40	6.07	5.93	--	--	5.48	5.84	5.98	6.36	6.09	6.26	5.90	5.74	5.84
MW-46WR	OU-3 Community Road	5.94	6.07	6.36	6.06	5.95	--	6.11	5.79	7.53	5.96	6.29	6.25	6.18	5.81	5.57	5.72
MW-70/70S	OU-3 Community Road	5.83	5.95	6.19	6.02	5.99	--	6.18	5.68	7.40	5.92	6.12	6.00	6.18	5.71	5.68	5.92
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conductivity (mS/cm)																	
IO-10	OU-3 Community Road	0.870	0.836	0.444	0.403	0.326	--	0.390	0.328	0.477	0.469	0.447	0.478	0.674	0.611	0.578	0.604
MW-34S	OU-3 Community Road	0.919	0.668	1.190	0.731	0.400	--	0.469	0.454	0.651	0.472	0.549	0.564	0.653	0.542	0.614	0.460
MW-34I	OU-3 Community Road	0.882	0.517	0.479	0.441	0.277	--	--	0.249	0.448	0.427	0.459	0.457	0.814	0.545	0.580	0.461
MW-34D	OU-3 Community Road	0.486	0.320	0.274	0.279	0.261	--	--	0.171	0.265	0.250	0.247	0.247	0.427	0.336	0.358	0.331
MW-46WR	OU-3 Community Road	1.100	1.000	0.830	0.604	1.200	--	0.950	1.180	0.638	0.583	0.441	0.629	0.726	5.810	0.592	0.635
MW-70/70S	OU-3 Community Road	0.718	0.501	0.654	0.541	0.353	--	0.387	0.327	0.504	0.373	0.433	0.493	0.674	0.597	0.570	0.543
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2005		2006								2006				2007	
		Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Oxygen (mg/L)																	
IO-10	OU-3 Community Road	0.0	20.0	5.0	8.0	42.0	--	20.0	33.0	32.0	28.0	34.0	0.0	35.0	30.0	34.0	36.0
MW-34S	OU-3 Community Road	0.0	0.0	0.0	0.0	0.0	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-34I	OU-3 Community Road	0.0	0.0	0.0	0.0	0.0	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-34D	OU-3 Community Road	0.0	0.0	0.0	0.0	0.0	--	--	0.0	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0
MW-46WR	OU-3 Community Road	0.0	0.0	0.0	0.0	0.0	--	1.8	0.0	1.2	2.0	5.0	0.0	4.0	6.0	12.0	10.0
MW-70/70S	OU-3 Community Road	5.9	0.0	0.0	0.0	25.0	--	20.0	35.0	25.0	33.0	34.0	22.0	25.0	40.0	40.0	33.0
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature (degrees Celcius)																	
IO-10	OU-3 Community Road	16.6	16.3	12.9	10.9	11.8	--	13.3	16.5	18.4	18.1	18.7	17.7	16.4	15.2	13.6	11.6
MW-34S	OU-3 Community Road	15.8	10.4	9.2	8.6	9.5	--	13.5	18.1	21.1	21.3	21.0	18.3	15.0	13.2	10.5	6.5
MW-34I	OU-3 Community Road	16.7	15.3	13.4	12.1	11.7	--	--	15.1	16.9	16.4	17.5	16.8	16.5	15.4	13.6	11.5
MW-34D	OU-3 Community Road	15.4	15.0	13.8	13.2	13.1	--	--	15.0	16.0	15.0	15.7	15.3	15.5	14.9	14.1	12.7
MW-46WR	OU-3 Community Road	15.1	11.8	9.8	9.1	10.5	--	18.4	22.0	24.2	24.3	22.4	19.0	15.7	13.3	11.9	7.9
MW-70/70S	OU-3 Community Road	15.0	11.4	9.5	8.6	9.4	--	14.1	17.6	20.4	20.2	19.9	17.7	15.6	13.5	11.5	8.3
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2005		2006								2006				2007	
		Nov-05	Dec-05	Jan-06	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06	Aug-06	Sep-06	Oct-06	Nov-06	Dec-06	Jan-07	Feb-07
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxidation Reduction Potential (mV)																	
IO-10	OU-3 Community Road	-53	44	44	5	51	--	42	42	129	30	40	-12	74	64	73	95
MW-34S	OU-3 Community Road	-39	-57	-127	-107	-150	--	-162	-177	-125	-121	-144	-77	-173	-207	-97	-165
MW-34I	OU-3 Community Road	-130	-101	-109	-92	-109	--	--	-177	-81	-120	-121	-37	-93	-126	-79	-336
MW-34D	OU-3 Community Road	137	140	159	180	175	--	--	202	135	162	171	210	173	94	-42	-301
MW-46WR	OU-3 Community Road	-157	-108	-143	-100	-74	--	-219	-136	-93	-130	-115	-84	-82	-76	6	-23
MW-70/70S	OU-3 Community Road	-16	-45	-88	-90	14	--	-12	42	89	-7	-19	13	15	69	55	40
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2007										2008					
		Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08
pH (SU)																	
IO-10	OU-3 Community Road	6.22	5.97	6.09	5.43	5.75	5.83	6.12	5.96	5.59	6.30	6.69	6.37	6.32	6.69	6.16	6.51
MW-34S	OU-3 Community Road	6.04	6.21	6.16	6.04	5.92	5.94	5.88	6.90	5.45	8.15	5.96	5.91	5.85	6.60	8.15	5.96
MW-34I	OU-3 Community Road	5.87	6.03	6.02	6.18	6.16	6.06	5.87	6.81	5.41	8.19	5.99	6.10	6.11	6.60	7.67	6.16
MW-34D	OU-3 Community Road	5.67	5.95	5.96	5.97	5.98	5.90	5.86	5.98	5.21	5.98	6.02	5.83	5.76	6.23	5.82	5.90
MW-46WR	OU-3 Community Road	5.79	5.82	5.93	5.97	6.09	5.85	5.72	6.34	5.27	7.26	5.29	5.79	5.68	6.48	6.58	5.90
MW-70/70S	OU-3 Community Road	6.22	5.99	6.20	6.05	6.06	5.89	5.95	6.62	5.43	7.18	6.10	6.03	5.97	6.59	7.03	6.28
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conductivity (mS/cm)																	
IO-10	OU-3 Community Road	0.588	0.390	0.252	0.285	0.335	0.389	0.436	0.330	0.514	0.389	0.515	0.473	0.434	0.412	0.393	0.291
MW-34S	OU-3 Community Road	0.520	0.381	0.373	0.512	0.484	0.608	0.673	0.367	0.495	0.409	0.588	0.387	0.398	0.387	0.484	0.374
MW-34I	OU-3 Community Road	0.579	0.364	0.301	0.275	0.248	0.317	0.401	0.343	0.445	0.344	0.360	0.393	0.422	0.391	0.332	0.265
MW-34D	OU-3 Community Road	0.365	0.288	0.237	0.251	0.216	0.269	0.295	0.222	0.337	0.259	0.276	0.284	0.292	0.293	0.305	0.277
MW-46WR	OU-3 Community Road	0.695	0.443	0.345	0.474	0.511	0.562	0.561	0.301	0.574	0.484	0.420	0.351	0.324	0.335	0.367	0.337
MW-70/70S	OU-3 Community Road	0.445	0.424	0.327	0.358	0.395	0.422	0.456	0.320	0.439	0.371	0.392	0.369	0.354	0.366	0.373	0.337
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2007										2008					
		Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Oxygen (mg/L)																	
IO-10	OU-3 Community Road	34.0	35.0	36.0	3.0	26.0	28.0	31.0	29.0	25.0	31.0	36.0	33.0	32.0	33.0	31.0	33.0
MW-34S	OU-3 Community Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0
MW-34I	OU-3 Community Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.0	0.0
MW-34D	OU-3 Community Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.6	0.4	0.4	0.0	0.8	1.0	0.0
MW-46WR	OU-3 Community Road	9.0	13.0	8.0	0.0	1.2	5.0	8.0	8.0	21.0	18.0	24.0	24.0	24.0	17.0	20.0	17.0
MW-70/70S	OU-3 Community Road	33.0	41.0	42.0	44.0	12.0	28.0	39.0	31.0	33.0	34.0	31.0	29.0	34.0	35.0	24.0	34.0
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature (degrees Celcius)																	
IO-10	OU-3 Community Road	10.4	12.9	13.3	16.3	17.5	18.9	18.3	16.9	17.1	13.7	11.1	10.7	10.8	12.4	15.5	17.0
MW-34S	OU-3 Community Road	6.5	10.2	13.0	17.2	19.2	20.2	20.7	19.0	14.6	10.9	8.7	6.8	7.9	11.6	14.0	17.9
MW-34I	OU-3 Community Road	11.8	12.2	11.5	14.8	14.8	16.6	17.5	17.2	16.2	14.1	12.0	10.9	12.1	12.1	12.8	15.3
MW-34D	OU-3 Community Road	12.9	13.3	12.7	14.2	14.7	15.8	16.1	15.7	15.6	13.8	12.6	12.7	13.4	12.9	13.6	15.1
MW-46WR	OU-3 Community Road	8.1	13.9	16.0	20.4	22.9	23.8	23.0	15.3	15.2	10.5	8.4	8.1	10.1	13.6	16.7	21.8
MW-70/70S	OU-3 Community Road	6.8	9.7	11.9	16.4	19.2	20.0	19.8	17.9	16.0	11.7	8.5	8.0	8.1	11.1	14.1	16.8
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2007										2008					
		Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxidation Reduction Potential (mV)																	
IO-10	OU-3 Community Road	-88	-5	22	-35	89	75	80	169	434	95	32	18	126	213	125	140
MW-34S	OU-3 Community Road	-219	-361	-289	-297	-247	-234	-198	-101	-10	-177	-85	-71	-86	-91	-157	-198
MW-34I	OU-3 Community Road	-267	-334	-130	-130	-50	-126	-108	-65	-15	-171	-71	-41	-31	-3	-66	-142
MW-34D	OU-3 Community Road	-278	-172	38	47	82	94	70	93	218	131	-4	1	220	233	209	-25
MW-46WR	OU-3 Community Road	-136	-102	-94	-207	-136	-98	-79	43	71	-71	5	5	17	27	-6	-55
MW-70/70S	OU-3 Community Road	-110	-14	14	-34	18	29	-42	-18	385	-32	2	-10	28	11	-32	-20
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2008						2009									
		Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09
pH (SU)																	
IO-10	OU-3 Community Road	6.31	5.78	5.89	6.32	6.83	6.02	6.56	6.22	6.07	6.35	6.17	6.61	--	6.58	6.15	--
MW-34S	OU-3 Community Road	5.85	5.85	--	7.49	6.85	8.76	6.09	6.16	5.86	6.33	6.10	6.25	6.05	6.35	5.79	6.49
MW-34I	OU-3 Community Road	6.14	5.97	--	7.79	6.84	8.02	5.97	5.84	5.61	5.92	5.83	5.70	6.05	6.46	6.09	6.47
MW-34D	OU-3 Community Road	5.79	5.79	--	5.82	6.06	5.47	5.90	5.78	5.62	5.95	5.96	6.00	5.87	6.26	5.82	6.39
MW-46WR	OU-3 Community Road	5.87	5.71	5.66	6.76	7.33	6.91	5.78	5.88	5.48	5.66	5.79	5.81	5.64	5.87	5.60	--
MW-70/70S	OU-3 Community Road	--	6.24	6.11	6.81	6.53	7.34	5.90	5.82	5.74	--	5.96	5.92	--	6.10	5.74	--
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.89	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.90	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.82	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.84	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.69	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.30	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.84	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.66
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.97
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conductivity (mS/cm)																	
IO-10	OU-3 Community Road	0.600	0.326	0.314	0.329	0.392	0.448	0.341	0.310	0.297	0.313	0.346	0.312	--	0.326	0.288	--
MW-34S	OU-3 Community Road	0.754	0.301	--	0.549	0.441	0.397	3.720	2.060	1.100	1.360	0.802	0.892	0.698	0.810	0.696	0.738
MW-34I	OU-3 Community Road	0.440	0.249	--	0.360	0.417	0.458	0.346	0.340	0.326	0.401	0.835	0.644	0.327	0.296	0.325	0.276
MW-34D	OU-3 Community Road	0.509	0.219	--	0.283	0.281	0.271	0.290	0.305	0.331	0.405	0.466	0.520	0.411	0.398	0.419	0.404
MW-46WR	OU-3 Community Road	0.732	0.260	0.309	0.400	0.426	0.407	0.557	0.597	0.769	1.130	2.770	0.797	0.422	0.383	0.550	--
MW-70/70S	OU-3 Community Road	--	0.583	0.239	0.448	0.456	0.393	0.417	0.461	0.519	0.502	0.634	0.704	--	1.020	0.435	--
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.446	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.252	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.598	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.484	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.653	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.516	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.307	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.793
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.383
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2008						2009									
		Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Oxygen (mg/L)																	
IO-10	OU-3 Community Road	34.0	33.0	13.0	33.0	27.0	32.0	33.0	28.0	35.0	22.0	32.0	33.0	--	27.0	29.0	--
MW-34S	OU-3 Community Road	0.0	0.0	--	0.0	0.0	0.0	1.6	0.0	0.0	0.4	0.0	0.0	0.0	0.0	2.0	0.0
MW-34I	OU-3 Community Road	0.0	0.0	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	18.0	3.0	0.0	3.0	0.0
MW-34D	OU-3 Community Road	0.0	0.0	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-46WR	OU-3 Community Road	20.0	18.0	4.0	20.0	21.0	24.0	26.0	23.0	24.0	24.0	20.0	13.0	17.0	12.0	20.0	--
MW-70/70S	OU-3 Community Road	--	31.0	23.0	22.0	28.0	29.0	32.0	35.0	32.0	36.0	39.0	29.0	--	13.8	28.0	--
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20.0	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.9	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.1	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	25.0
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature (degrees Celcius)																	
IO-10	OU-3 Community Road	18.7	20.1	20.3	18.8	16.8	13.6	11.9	11.9	12.9	11.6	13.6	16.4	--	19.3	19.4	--
MW-34S	OU-3 Community Road	20.7	21.3	--	21.2	17.0	10.0	7.0	7.6	8.3	10.2	13.8	17.0	19.2	21.0	20.2	16.6
MW-34I	OU-3 Community Road	17.2	17.0	--	18.1	17.8	13.8	12.7	12.0	12.0	11.2	12.0	15.0	16.8	16.9	17.3	16.3
MW-34D	OU-3 Community Road	16.0	16.6	--	16.7	16.5	13.9	13.8	13.3	13.1	12.6	13.1	14.7	15.3	16.2	16.4	15.2
MW-46WR	OU-3 Community Road	24.9	24.3	22.8	19.8	16.9	10.9	8.5	8.8	11.0	12.3	16.1	20.3	23.3	24.7	22.3	--
MW-70/70S	OU-3 Community Road	--	20.9	20.8	18.9	16.7	11.5	6.7	8.8	10.1	9.9	12.8	16.2	--	20.1	21.5	--
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	19.2	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	16.0	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	19.3	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	17.1	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18.9	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	16.7	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14.8	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18.3
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18.4
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxidation Reduction Potential (mV)																	
IO-10	OU-3 Community Road	163	170	126	136	130	96	43	104	73	159	90	107	--	85	157	--
MW-34S	OU-3 Community Road	-134	-123	--	-55	-124	-122	-108	-72	-84	-105	-150	-105	-102	-238	-75	-138
MW-34I	OU-3 Community Road	-74	-38	--	-37	-39	-61	-49	60	50	26	167	175	225	-213	183	-81
MW-34D	OU-3 Community Road	109	197	--	141	193	167	-23	113	70	140	185	135	261	-234	197	-76
MW-46WR	OU-3 Community Road	-25	-20	-23	-39	-38	-18	11	59	58	38	-11	-27	8	-71	-7	--
MW-70/70S	OU-3 Community Road	--	-69	-33	-47	-42	-42	-6	51	-28	-39	-29	-32	--	-78	-8	--
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	137	--
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	113	--
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-60	--
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-117	--
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-142	--
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-63	--
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	122	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	90
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	89
OU3MW-07S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	Oxygen Injection System	2009		2010												2011	
		Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11
pH (SU)																	
IO-10	OU-3 Community Road	5.87	5.98	5.93	5.88	5.27	6.65	5.89	6.58	6.02	6.09	5.63	5.67	5.21	7.04	--	7.34
MW-34S	OU-3 Community Road	6.26	6.00	5.87	5.85	6.15	6.01	5.79	6.05	5.80	6.24	5.69	5.65	6.55	7.98	5.82	6.66
MW-34I	OU-3 Community Road	5.82	5.73	5.66	5.56	5.13	6.33	5.92	6.24	6.15	5.75	5.71	5.73	5.01	5.50	5.62	6.38
MW-34D	OU-3 Community Road	5.79	5.66	5.72	5.49	5.88	6.07	5.66	5.93	5.88	5.40	5.76	5.69	6.48	5.63	5.82	6.48
MW-46WR	OU-3 Community Road	6.00	5.49	5.36	5.34	5.53	5.82	5.60	5.89	5.84	6.00	6.00	5.86	5.17	5.83	--	6.66
MW-70/70S	OU-3 Community Road	5.88	5.88	5.72	5.67	5.16	5.87	4.78	5.82	6.01	5.95	5.64	5.63	6.10	8.90	5.82	6.64
OU3MW-02S	OU-3 Community Road	5.85	--	--	5.65	--	--	5.81	--	5.72	--	--	--	--	5.98	--	--
OU3MW-02I	OU-3 Community Road	5.97	--	--	5.84	--	--	6.08	--	5.70	--	--	--	--	5.32	--	--
OU3MW-03S	OU-3 Community Road	--	7.46	--	--	5.73	5.64	--	--	5.97	--	--	--	--	7.26	--	--
OU3MW-03I	OU-3 Community Road	--	7.09	--	--	5.66	5.89	--	--	6.12	--	--	--	--	5.39	--	--
OU3MW-04S	OU-3 Community Road	6.24	--	--	6.01	--	5.78	--	--	5.79	--	--	--	--	6.64	--	--
OU3MW-04I	OU-3 Community Road	5.88	--	--	5.54	--	5.86	--	--	6.07	--	--	--	--	6.47	--	--
OU3MW-04D	OU-3 Community Road	5.95	--	--	5.96	--	5.74	--	--	5.71	--	--	--	--	6.51	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	6.35	--	--	5.71	--	--	6.21	--	--	5.59	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	5.18	--	--	5.18	--	--	5.69	--	--	5.47	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	5.60	5.79	5.99	5.90	5.48	6.32	5.52	5.32	4.84	4.88	5.13	5.48
OU3MW-07I	OU-3 Community Road	--	--	--	--	6.26	5.92	5.86	6.02	5.64	5.80	5.78	5.80	6.37	4.76	6.17	6.31
OU3MW-07I2	OU-3 Community Road	--	--	--	--	5.86	5.65	5.63	5.94	5.59	5.83	5.71	5.59	5.26	5.43	5.93	6.35
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conductivity (mS/cm)																	
IO-10	OU-3 Community Road	0.406	0.298	0.278	0.302	0.419	0.495	0.316	0.239	0.310	0.341	0.198	0.209	0.207	0.223	--	0.544
MW-34S	OU-3 Community Road	0.671	0.753	1.000	1.130	0.805	0.680	0.826	0.398	0.542	0.668	0.680	0.674	0.563	0.387	0.783	0.667
MW-34I	OU-3 Community Road	0.383	0.289	0.296	0.293	0.484	0.319	0.363	0.266	0.239	0.216	0.354	0.258	0.209	0.273	0.261	0.255
MW-34D	OU-3 Community Road	0.528	0.354	0.335	0.342	0.374	0.289	0.305	0.248	0.285	0.294	0.336	0.268	0.255	0.375	0.320	0.251
MW-46WR	OU-3 Community Road	0.647	0.365	0.383	0.413	0.467	0.624	0.382	0.519	0.340	0.333	0.296	0.246	0.280	0.497	--	0.739
MW-70/70S	OU-3 Community Road	0.836	0.718	0.573	0.552	0.721	1.380	0.573	0.456	0.398	0.291	0.260	0.307	0.321	0.330	0.401	0.462
OU3MW-02S	OU-3 Community Road	0.282	--	--	1.210	--	--	0.536	--	0.274	--	--	--	--	0.453	--	--
OU3MW-02I	OU-3 Community Road	0.187	--	--	0.221	--	--	0.191	--	0.141	--	--	--	--	0.250	--	--
OU3MW-03S	OU-3 Community Road	--	0.693	--	--	0.845	0.820	--	--	0.520	--	--	--	--	0.413	--	--
OU3MW-03I	OU-3 Community Road	--	0.300	--	--	0.493	0.310	--	--	0.420	--	--	--	--	0.380	--	--
OU3MW-04S	OU-3 Community Road	0.781	--	--	0.619	--	0.403	--	--	0.395	--	--	--	--	0.526	--	--
OU3MW-04I	OU-3 Community Road	0.397	--	--	0.253	--	0.256	--	--	0.448	--	--	--	--	0.343	--	--
OU3MW-04D	OU-3 Community Road	0.402	--	--	0.345	--	0.750	--	--	0.300	--	--	--	--	0.333	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	0.473	--	--	0.425	--	--	0.548	--	--	0.538	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	0.457	--	--	0.342	--	--	0.363	--	--	0.286	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	0.235	0.284	0.516	0.591	0.412	0.432	0.390	0.361	0.327	0.473	0.486	0.362
OU3MW-07I	OU-3 Community Road	--	--	--	--	0.355	0.335	0.357	0.359	0.270	0.241	0.200	0.187	0.172	0.183	0.368	0.377
OU3MW-07I2	OU-3 Community Road	--	--	--	--	0.275	0.278	0.346	0.353	0.261	0.316	0.258	0.211	0.194	0.254	0.274	0.244
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Oxygen (mg/L)																	
IO-10	OU-3 Community Road	35.0	24.0	22.0	12.0	29.0	11.0	6.0	26.0	5.0	0.8	9.0	2.0	0.0	0.0	--	0.0
MW-34S	OU-3 Community Road	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
MW-34I	OU-3 Community Road	0.0	5.0	11.0	6.0	12.7	1.9	0.0	0.4	0.0	0.0	6.0	17.0	10.0	0.0	1.0	0.0
MW-34D	OU-3 Community Road	0.0	0.0	0.0	0.0	1.4	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
MW-46WR	OU-3 Community Road	17.0	16.0	23.0	12.0	21.0	5.0	1.0	6.0	0.0	0.0	1.5	0.0	0.0	0.0	--	0.0
MW-70/70S	OU-3 Community Road	23.0	25.0	25.0	21.0	23.0	6.0	6.0	6.0	7.8	1.2	0.0	0.0	0.0	1.0	0.0	0.0
OU3MW-02S	OU-3 Community Road	26.0	--	--	20.0	--	--	29.0	--	28.0	--	--	--	--	25.0	--	--
OU3MW-02I	OU-3 Community Road	0.0	--	--	0.0	--	--	26.0	--	19.0	--	--	--	--	20.0	--	--
OU3MW-03S	OU-3 Community Road	--	0.0	--	--	0.0	0.6	--	--	3.7	--	--	--	--	0.0	--	--
OU3MW-03I	OU-3 Community Road	--	0.0	--	--	0.0	3.8	--	--	2.0	--	--	--	--	0.0	--	--
OU3MW-04S	OU-3 Community Road	0.0	--	--	0.0	--	0.0	--	--	1.5	--	--	--	--	0.0	--	--
OU3MW-04I	OU-3 Community Road	0.0	--	--	8.0	--	0.0	--	--	1.3	--	--	--	--	8.8	--	--
OU3MW-04D	OU-3 Community Road	0.0	--	--	0.0	--	0.0	--	--	1.9	--	--	--	--	0.0	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	6.5	--	--	12.7	--	--	4.9	--	--	0.0	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	19.0	--	--	0.0	--	--	21.0	--	--	15.4	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	3.0	3.4	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
OU3MW-07I	OU-3 Community Road	--	--	--	--	3.2	3.8	27.0	27.0	28.0	28.0	28.0	28.0	24.0	22.0	10.0	9.0
OU3MW-07I2	OU-3 Community Road	--	--	--	--	3.3	3.7	3.0	5.0	8.0	6.0	7.0	8.0	10.0	7.7	3.0	0.0
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature (degrees Celcius)																	
IO-10	OU-3 Community Road	15.6	14.1	11.5	11.1	11.3	12.7	16.0	16.8	19.9	18.9	19.4	18.6	16.4	14.0	--	11.0
MW-34S	OU-3 Community Road	11.5	8.9	8.9	7.1	10.5	11.5	15.9	17.6	21.3	22.7	21.8	19.8	16.4	11.0	7.7	7.0
MW-34I	OU-3 Community Road	14.0	11.1	13.8	11.5	10.8	11.8	15.6	14.7	17.5	17.9	19.1	18.1	17.3	14.3	13.0	12.2
MW-34D	OU-3 Community Road	13.6	11.4	14.3	12.7	12.6	13.3	14.6	14.6	16.4	16.7	17.3	16.7	15.6	14.6	13.9	12.8
MW-46WR	OU-3 Community Road	14.2	10.5	5.6	7.3	11.5	13.8	19.0	23.0	26.2	24.0	21.6	19.4	16.3	12.1	--	7.0
MW-70/70S	OU-3 Community Road	13.5	10.2	3.4	6.8	10.7	11.3	21.2	22.0	23.7	22.0	20.4	20.4	12.6	10.1	9.1	7.8
OU3MW-02S	OU-3 Community Road	14.2	--	--	8.2	--	--	5.2	--	21.8	--	--	--	--	11.5	--	--
OU3MW-02I	OU-3 Community Road	14.5	--	--	11.0	--	--	13.1	--	17.9	--	--	--	--	12.2	--	--
OU3MW-03S	OU-3 Community Road	--	12.1	--	--	9.3	13.2	--	--	20.4	--	--	--	--	12.0	--	--
OU3MW-03I	OU-3 Community Road	--	7.5	--	--	10.6	13.1	--	--	17.8	--	--	--	--	14.5	--	--
OU3MW-04S	OU-3 Community Road	12.5	--	--	8.3	--	12.7	--	--	21.2	--	--	--	--	13.5	--	--
OU3MW-04I	OU-3 Community Road	12.9	--	--	11.9	--	12.6	--	--	17.3	--	--	--	--	15.0	--	--
OU3MW-04D	OU-3 Community Road	2.4	--	--	12.6	--	13.5	--	--	18.1	--	--	--	--	13.5	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	10.4	--	--	18.2	--	--	20.5	--	--	8.2	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	11.3	--	--	17.0	--	--	18.1	--	--	12.0	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	9.7	11.9	15.7	17.7	19.8	22.0	20.0	18.1	15.0	12.1	8.1	7.5

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2009		2010												2011	
		Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11
OU3MW-07I	OU-3 Community Road	--	--	--	--	11.1	12.7	14.9	16.8	17.4	18.9	18.7	17.6	15.3	12.2	11.4	10.3
OU3MW-07I2	OU-3 Community Road	--	--	--	--	12.0	13.1	14.8	15.8	17.6	18.6	17.6	17.0	15.5	14.7	11.4	11.8
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxidation Reduction Potential (mV)																	
IO-10	OU-3 Community Road	227	218	206	145	150	57	92	68	225	164	220	217	85	53	--	-123
MW-34S	OU-3 Community Road	-112	-96	-118	-29	5	-88	-96	-172	-147	-122	3	-59	-120	-20	-68	-66
MW-34I	OU-3 Community Road	209	208	170	220	186	81	121	-24	200	177	217	207	100	180	58	67
MW-34D	OU-3 Community Road	201	210	129	193	190	47	84	-47	221	208	220	219	96	98	94	181
MW-46WR	OU-3 Community Road	-18	26	88	43	66	-37	-75	-71	-118	-116	-106	-110	-47	-62	--	-130
MW-70/70S	OU-3 Community Road	36	68	44	37	71	-40	29	-88	-31	-62	-7	-45	-74	-74	-151	-98
OU3MW-02S	OU-3 Community Road	401	--	--	183	--	--	210	--	239	--	--	--	--	136	--	--
OU3MW-02I	OU-3 Community Road	186	--	--	99	--	--	210	--	260	--	--	--	--	214	--	--
OU3MW-03S	OU-3 Community Road	--	1	--	--	-36	-30	--	--	-51	--	--	--	--	35	--	--
OU3MW-03I	OU-3 Community Road	--	30	--	--	-6	-45	--	--	-113	--	--	--	--	33	--	--
OU3MW-04S	OU-3 Community Road	-140	--	--	-33	--	-55	--	--	-100	--	--	--	--	-135	--	--
OU3MW-04I	OU-3 Community Road	-89	--	--	38	--	-34	--	--	-119	--	--	--	--	-9	--	--
OU3MW-04D	OU-3 Community Road	111	--	--	206	--	213	--	--	216	--	--	--	--	182	--	--
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	--	--	--	--	109	--	--	114	--	--	131	--	--	147	--	--
OU3MW-05I	OU-3 Community Road	--	--	--	--	136	--	--	100	--	--	115	--	--	164	--	--
OU3MW-07S	OU-3 Community Road	--	--	--	--	-139	-107	-109	-40	-66	-121	-5	11	53	69	50	-18
OU3MW-07I	OU-3 Community Road	--	--	--	--	-56	43	190	148	198	172	165	193	172	220	158	102
OU3MW-07I2	OU-3 Community Road	--	--	--	--	18	42	152	133	142	129	134	192	81	93	131	58
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2011										2012					
		Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
pH (SU)																	
IO-10	OU-3 Community Road	6.51	8.0	7.11	6.50	6.68	7.13	6.23	7.02	6.85	6.68	7.18	6.86	6.60	6.61	6.66	6.23
MW-34S	OU-3 Community Road	ER	7.34	5.74	6.57	6.18	6.58	5.72	6.55	6.47	6.21	6.62	6.72	6.22	6.39	6.25	6.21
MW-34I	OU-3 Community Road	ER	7.80	6.05	6.74	6.34	6.77	8.50	6.87	6.76	6.58	6.93	6.91	6.58	6.56	6.51	6.54
MW-34D	OU-3 Community Road	4.54	6.21	6.65	5.99	5.44	6.15	6.47	6.14	6.03	5.80	6.18	6.12	5.58	5.95	6.05	6.05
MW-46WR	OU-3 Community Road	5.28	7.46	7.55	7.54	6.16	6.46	5.74	6.28	6.12	5.91	6.70	6.64	6.03	6.31	6.13	5.94
MW-70/70S	OU-3 Community Road	6.55	7.73	5.54	8.06	6.43	6.62	5.87	5.71	6.41	6.24	6.92	6.61	6.19	6.48	6.37	6.30
OU3MW-02S	OU-3 Community Road	5.92	--	5.05	5.54	5.71	6.19	5.55	5.40	--	--	5.96	--	--	5.95	--	--
OU3MW-02I	OU-3 Community Road	5.65	--	5.10	5.02	5.74	5.93	5.49	5.25	--	--	5.09	--	--	4.91	--	--
OU3MW-03S	OU-3 Community Road	5.34	--	5.50	7.64	6.18	6.52	7.40	5.90	6.65	6.38	6.36	--	--	5.65	6.39	6.33
OU3MW-03I	OU-3 Community Road	4.84	--	4.90	5.74	5.97	6.40	7.42	5.76	6.35	6.24	5.57	--	--	5.84	6.14	6.08
OU3MW-04S	OU-3 Community Road	5.64	--	5.24	7.41	6.02	6.39	7.16	5.66	6.32	6.17	5.47	6.36	--	6.48	--	--
OU3MW-04I	OU-3 Community Road	5.08	--	5.05	5.70	5.64	6.08	5.47	5.37	5.92	5.79	5.29	6.06	--	6.51	6.29	6.19
OU3MW-04D	OU-3 Community Road	5.17	--	5.14	5.61	5.79	6.12	5.33	5.25	5.92	5.95	5.29	6.05	--	6.33	6.18	6.07
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	6.29	--	6.38	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	6.35	--	3.13	--	--
OU3MW-05S	OU-3 Community Road	5.58	--	--	6.84	6.19	6.63	5.83	--	6.49	--	6.31	--	--	6.25	--	--
OU3MW-05I	OU-3 Community Road	4.98	--	--	5.72	5.62	5.78	5.06	--	5.14	--	5.81	--	--	5.94	--	--
OU3MW-07S	OU-3 Community Road	5.50	4.88	5.13	5.92	5.27	5.74	5.05	5.87	5.84	5.71	5.88	5.78	5.08	5.83	5.94	--
OU3MW-07I	OU-3 Community Road	6.31	5.53	6.35	6.32	6.03	6.52	6.65	6.53	6.55	6.53	6.38	6.22	5.73	6.45	6.03	6.31
OU3MW-07I2	OU-3 Community Road	6.35	5.76	7.12	6.40	6.46	6.79	7.47	6.99	6.73	6.71	6.93	6.84	6.41	6.51	6.60	6.17
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	6.92	--	6.85	6.49	5.85
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	6.39	--	6.11	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Conductivity (mS/cm)																	
IO-10	OU-3 Community Road	1.490	0.573	0.900	0.432	0.447	0.460	0.510	0.421	0.424	0.496	0.432	0.485	0.417	0.485	0.510	0.459
MW-34S	OU-3 Community Road	0.490	0.481	0.537	0.447	0.920	0.503	1.100	0.808	0.484	0.444	0.394	0.411	0.595	0.642	0.472	0.508
MW-34I	OU-3 Community Road	1.100	1.290	0.299	0.591	0.999	0.387	0.450	0.375	0.385	0.416	0.425	0.428	0.362	0.441	0.470	0.472
MW-34D	OU-3 Community Road	0.782	0.261	0.759	0.291	0.925	0.257	0.380	0.299	0.323	0.330	0.298	0.317	0.302	0.336	0.340	0.320
MW-46WR	OU-3 Community Road	3.670	1.210	1.050	0.664	1.500	0.700	0.869	0.570	0.417	0.401	0.695	0.093	0.619	0.667	0.700	0.588
MW-70/70S	OU-3 Community Road	0.340	0.433	0.598	0.576	0.503	0.413	0.501	0.571	0.388	0.345	0.374	0.385	0.374	0.422	0.425	0.410
OU3MW-02S	OU-3 Community Road	0.818	--	0.597	0.391	1.230	0.501	0.405	0.500	--	--	0.343	--	--	0.436	--	--
OU3MW-02I	OU-3 Community Road	0.358	--	0.200	0.340	0.332	0.264	0.337	0.321	--	--	0.199	--	--	0.158	--	--
OU3MW-03S	OU-3 Community Road	0.998	--	0.359	0.535	0.685	0.620	0.785	0.951	0.640	0.699	0.714	--	--	0.649	0.452	0.516
OU3MW-03I	OU-3 Community Road	0.335	--	0.000	0.526	0.522	0.412	0.462	0.610	0.445	0.492	0.517	--	--	0.386	0.380	0.401
OU3MW-04S	OU-3 Community Road	1.38	--	0.821	0.659	0.867	0.718	0.672	0.861	0.834	0.678	0.813	0.780	--	0.732	--	--
OU3MW-04I	OU-3 Community Road	0.488	--	0.226	0.385	0.541	0.681	1.080	1.200	0.386	0.366	0.453	0.408	--	0.443	0.417	0.413
OU3MW-04D	OU-3 Community Road	0.517	--	0.185	0.278	0.333	0.266	0.363	0.434	0.353	0.353	0.410	0.324	--	0.305	0.287	0.289
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	0.366	--	0.332	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	0.346	--	0.350	--	--
OU3MW-05S	OU-3 Community Road	0.700	--	--	0.640	0.990	0.389	0.924	--	0.543	--	0.562	--	--	0.587	--	--
OU3MW-05I	OU-3 Community Road	0.464	--	--	0.382	0.677	0.480	0.576	--	0.701	--	0.346	--	--	0.401	--	--
OU3MW-07S	OU-3 Community Road	0.380	0.269	0.499	0.320	0.370	0.327	0.423	0.319	0.343	0.341	0.353	0.358	0.439	0.322	0.342	--
OU3MW-07I	OU-3 Community Road	0.417	0.252	0.347	0.322	0.343	0.321	0.347	0.350	0.394	0.414	0.376	0.416	0.531	0.373	0.371	0.370
OU3MW-07I2	OU-3 Community Road	0.418	0.323	0.466	0.369	0.427	0.368	0.397	0.391	0.436	0.451	0.456	0.447	0.414	0.387	0.383	0.410
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	0.439	--	0.363	0.319	0.369
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	0.352	--	0.365	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2011										2012					
		Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Oxygen (mg/L)																	
IO-10	OU-3 Community Road	1.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-34S	OU-3 Community Road	3.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-34I	OU-3 Community Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-34D	OU-3 Community Road	2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-46WR	OU-3 Community Road	1.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-70/70S	OU-3 Community Road	1.4	0.0	5.0	0.0	0.0	0.0	2.0	2.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OU3MW-02S	OU-3 Community Road	23.0	--	18.5	20.0	24.0	24.0	30.0	24.0	--	--	23.0	--	--	28.0	--	--
OU3MW-02I	OU-3 Community Road	21.0	--	42.0	40.0	31.0	18.2	39.0	28.0	--	--	30.0	--	--	32.0	--	--
OU3MW-03S	OU-3 Community Road	0.0	--	0.0	0.0	0.0	0.4	0.4	2.1	2.4	3.2	0.0	--	--	0.8	0.0	0.0
OU3MW-03I	OU-3 Community Road	5.1	--	11.0	0.0	0.0	0.4	0.3	2.1	2.4	3.2	2.4	--	--	5.3	0.0	0.0
OU3MW-04S	OU-3 Community Road	0.0	--	9.7	0.0	0.0	0.4	0.7	2.2	2.5	3.0	2.6	0.0	--	0.0	--	--
OU3MW-04I	OU-3 Community Road	26.0	--	2.2	0.0	0.0	0.1	2.6	2.6	9.6	14.6	16.5	20.0	--	24.0	24.0	24.0
OU3MW-04D	OU-3 Community Road	0.0	--	0.0	0.0	0.0	0.0	2.4	1.7	2.1	2.8	2.4	0.0	--	0.0	0.0	0.0
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	0.0	--	0.0	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	0.0	--	0.5	--	--
OU3MW-05S	OU-3 Community Road	0.8	--	--	0.0	0.0	1.7	1.9	--	3.9	--	0.1	--	--	0.0	--	--
OU3MW-05I	OU-3 Community Road	14.3	--	--	0.0	1.8	10.6	6.5	--	4.8	--	20.0	--	--	23.0	--	--
OU3MW-07S	OU-3 Community Road	1.0	4.0	7.0	1.1	1.0	5.0	11.0	10.0	8.6	10.0	11.0	20.0	20.0	22.0	29.0	--
OU3MW-07I	OU-3 Community Road	1.0	6.0	6.0	18.7	25.0	28.0	26.0	27.0	23.0	21.0	23.0	20.0	34.0	30.0	18.0	30.0
OU3MW-07I2	OU-3 Community Road	1.0	1.0	0.0	0.0	2.6	4.0	2.0	2.0	2.0	4.0	5.0	5.2	4.0	12.0	33.0	28.0
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	0.0	--	9.3	28.0	19.0
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	0.0	--	0.0	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Temperature (degrees Celcius)																	
IO-10	OU-3 Community Road	11.1	12.0	15.2	16.1	18.4	18.9	19.2	18.7	17.3	14.7	12.4	12.2	13.2	14.7	16.0	17.4
MW-34S	OU-3 Community Road	12.3	11.6	13.5	16.3	19.3	20.4	20.1	19.5	17.1	13.8	10.6	10.5	12.7	14.9	16.4	17.6
MW-34I	OU-3 Community Road	12.7	11.5	13.6	12.7	15.9	16.2	17.5	17.4	17.3	15.4	13.4	13.2	13.5	14.4	15.2	16.0
MW-34D	OU-3 Community Road	13.1	12.9	11.9	13.2	15.6	15.5	15.8	16.2	15.8	14.9	13.7	13.5	13.7	15.2	16.3	16.0
MW-46WR	OU-3 Community Road	10.1	13.7	17.5	20.4	23.9	25.0	22.5	21.4	16.9	13.3	10.2	10.8	14.0	17.1	18.8	22.5
MW-70/70S	OU-3 Community Road	13.0	11.5	17.5	16.6	19.5	22.5	20.8	19.4	17.1	13.1	10.2	10.8	12.3	14.9	16.5	18.2
OU3MW-02S	OU-3 Community Road	9.2	--	13.0	18.4	21.8	22.0	19.5	18.4	--	--	9.6	--	--	11.7	--	--
OU3MW-02I	OU-3 Community Road	11.3	--	12.0	15.0	17.1	18.2	16.3	16.1	--	--	12.8	--	--	12.2	--	--
OU3MW-03S	OU-3 Community Road	9.1	--	13.7	18.6	20.1	21.6	14.3	20.0	16.0	13.1	11.2	--	--	13.2	16.0	18.3
OU3MW-03I	OU-3 Community Road	13.5	--	16.6	16.4	16.6	18.8	16.7	18.0	16.6	15.1	13.8	--	--	12.3	15.8	16.7
OU3MW-04S	OU-3 Community Road	9.4	--	12.3	17.7	19.7	21.4	19.7	18.8	15.6	13.6	11.7	10.0	--	12.1	--	--
OU3MW-04I	OU-3 Community Road	12.1	--	17.1	15.2	16.6	18.1	17.1	16.6	16.2	14.4	14.1	12.5	--	13.0	15.6	16.6
OU3MW-04D	OU-3 Community Road	13.6	--	14.9	16.3	16.7	17.2	15.1	15.6	15.6	14.4	13.3	13.9	--	13.7	16.1	17.3
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	13.8	--	13.5	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	13.5	--	13.6	--	--
OU3MW-05S	OU-3 Community Road	8.6	--	--	18.6	20.2	20.2	19.2	--	13.1	--	11.9	--	--	14.3	--	--
OU3MW-05I	OU-3 Community Road	10.9	--	--	15.4	16.4	16.0	16.4	--	13.9	--	14.5	--	--	15.3	--	--
OU3MW-07S	OU-3 Community Road	8.8	11.7	14.1	17.1	20.2	21.0	19.1	19.8	14.9	13.9	10.4	9.8	11.5	15.9	18.2	--

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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System			2011								2012					
		Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
OU3MW-07I	OU-3 Community Road	9.7	12.7	14.3	16.1	17.0	18.6	16.5	17.9	15.0	14.6	12.6	11.9	12.6	15.3	16.7	17.7
OU3MW-07I2	OU-3 Community Road	11.9	13.5	14.5	14.8	15.9	17.7	15.2	16.5	14.6	14.2	12.3	12.3	13.6	15.4	17.1	20.6
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	12.1	--	12.7	16.5	19.3
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	12.4	--	12.5	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxidation Reduction Potential (mV)																	
IO-10	OU-3 Community Road	-160	-121	-101	-117	-129	-146	-110	-152	-144	-137	-111	-102	-98	-108	-120	-86
MW-34S	OU-3 Community Road	52	-103	-19	-138	-104	-71	-84	40	35	36	-53	-79	-88	-57	15	-126
MW-34I	OU-3 Community Road	-78	-117	220	-90	-89	-99	-94	-116	-109	-124	-85	-71	-93	-88	-121	-127
MW-34D	OU-3 Community Road	259	118	-145	118	115	73	52	-126	-119	-96	45	44	-57	1	-3	-35
MW-46WR	OU-3 Community Road	-93	-190	-100	-170	-169	-147	-100	-231	-188	-116	-107	-91	-161	-94	-89	-173
MW-70/70S	OU-3 Community Road	-34	-144	-107	-177	-145	-137	-110	-113	-163	-124	-107	-79	-125	-88	-107	-181
OU3MW-02S	OU-3 Community Road	91	--	136	168	125	99	153	270	--	--	209	--	--	213	--	--
OU3MW-02I	OU-3 Community Road	168	--	230	220	161	117	194	178	--	--	348	--	--	248	--	--
OU3MW-03S	OU-3 Community Road	46	--	20	-137	-108	-76	-142	-81	-136	-126	-99	--	--	-19	-69	-159
OU3MW-03I	OU-3 Community Road	116	--	35	-130	-139	-134	-153	-72	-124	-96	-57	--	--	-34	-70	-208
OU3MW-04S	OU-3 Community Road	48	--	-10	-95	-79	-30	-107	95	46	44	34	-40	--	-51	--	--
OU3MW-04I	OU-3 Community Road	149	--	114	-45	18	-24	15	2	-11	31	131	70	--	158	67	68
OU3MW-04D	OU-3 Community Road	165	--	130	102	125	139	92	18	-133	-57	121	65	--	27	97	42
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	28	--	64	--	--
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	2	--	125	--	--
OU3MW-05S	OU-3 Community Road	141	--	--	-6	32	71	47	--	167	--	106	--	--	44	--	--
OU3MW-05I	OU-3 Community Road	210	--	--	30	60	96	143	--	126	--	164	--	--	128	--	--
OU3MW-07S	OU-3 Community Road	8	134	77	-48	27	51	64	-76	-70	-74	23	62	232	101	23	--
OU3MW-07I	OU-3 Community Road	-35	97	84	64	65	71	67	30	-2	7	183	160	308	211	256	175
OU3MW-07I2	OU-3 Community Road	-58	-20	-38	-77	-39	-51	-72	77	106	121	-42	-35	-26	24	67	228
OU3MW-07I3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	-47	--	49	179	187
OU3MW-07I4	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	-22	--	139	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2012						2013									
		Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13
pH (SU)																	
IO-10	OU-3 Community Road	--	6.10	5.89	6.14	5.17	5.99	6.11	6.67	6.32	6.42	6.17	6.33	6.04	--	6.13	5.96
MW-34S	OU-3 Community Road	6.11	6.47	6.56	6.02	4.42	5.93	5.88	5.82	5.75	6.14	--	5.89	5.88	5.88	5.78	5.77
MW-34I	OU-3 Community Road	6.28	6.42	6.09	6.38	4.46	5.88	5.87	5.65	5.65	6.45	6.05	6.24	6.24	6.30	6.15	6.14
MW-34D	OU-3 Community Road	6.06	6.24	7.05	6.17	4.05	5.92	5.86	6.45	6.37	6.11	5.66	5.78	5.68	5.84	5.79	5.82
MW-46WR	OU-3 Community Road	5.84	6.09	6.99	5.88	5.84	5.82	5.77	6.48	5.78	5.48	5.69	5.46	5.67	--	5.58	5.69
MW-70/70S	OU-3 Community Road	6.22	6.37	7.49	6.02	6.08	5.92	5.82	6.55	5.89	6.01	5.84	5.74	5.68	--	5.82	5.73
OU3MW-02S	OU-3 Community Road	5.96	--	--	5.87	--	--	5.58	--	6.22	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	5.79	--	--	5.85	--	--	5.73	--	6.11	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	6.30	6.32	7.66	6.32	--	--	--	--	6.28	6.38	--	6.12	5.98	6.12	6.02	--
OU3MW-03I	OU-3 Community Road	6.21	6.39	7.53	6.07	5.98	5.70	5.69	5.92	6.27	6.06	5.87	5.70	--	6.06	5.70	5.88
OU3MW-04S	OU-3 Community Road	5.92	--	--	6.08	--	--	5.77	--	6.20	--	--	5.94	5.90	6.18	--	--
OU3MW-04I	OU-3 Community Road	5.68	--	--	6.04	--	--	6.06	--	6.11	--	--	6.16	5.92	6.17	6.08	6.06
OU3MW-04D	OU-3 Community Road	5.86	5.73	6.87	6.38	5.94	6.11	6.08	6.15	6.39	6.53	6.04	5.90	5.87	5.98	5.82	5.82
OU3MW-04D2	OU-3 Community Road	6.30	--	6.26	--	--	--	5.95	6.19	6.30	6.23	5.94	6.05	--	5.88	--	--
OU3MW-04D3	OU-3 Community Road	5.04	--	--	--	--	--	--	--	5.87	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	6.33	--	--	--	--	--	--	6.38	6.61	6.16	--	5.86	6.06	--	--	--
OU3MW-05I	OU-3 Community Road	5.96	--	--	--	--	--	--	6.99	6.13	5.94	5.91	5.89	5.95	5.94	--	--
OU3MW-07S	OU-3 Community Road	5.64	5.81	5.95	--	--	--	5.62	6.47	6.10	6.03	--	5.54	5.690	--	5.83	5.87
OU3MW-07I	OU-3 Community Road	6.41	6.20	5.80	--	--	--	6.12	7.17	6.40	6.31	6.14	6.20	6.09	6.34	6.13	6.07
OU3MW-07I2	OU-3 Community Road	6.35	5.85	6.03	--	--	--	5.75	6.09	6.34	6.31	6.16	6.11	6.19	6.38	6.18	6.03
OU3MW-07I3	OU-3 Community Road	6.55	5.83	6.06	--	--	--	5.79	6.63	6.08	--	6.15	5.86	5.98	5.97	5.89	5.80
OU3MW-07I4	OU-3 Community Road	5.87	--	--	--	--	--	5.69	--	--	6.430	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.22	6.06
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.73	6.37
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.95	5.83
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.90	5.83
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.62	6.54
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.89	5.74
Conductivity (mS/cm)																	
IO-10	OU-3 Community Road	--	0.360	0.342	1.170	1.070	0.525	0.493	0.482	0.632	0.460	0.526	0.457	0.414	--	0.517	0.399
MW-34S	OU-3 Community Road	0.558	0.442	0.289	0.613	1.370	0.681	0.605	0.659	0.682	0.558	--	0.556	0.523	0.576	0.556	0.448
MW-34I	OU-3 Community Road	0.497	0.368	0.341	0.405	0.936	0.442	0.383	0.434	0.472	0.446	0.534	0.474	0.427	0.416	0.517	0.506
MW-34D	OU-3 Community Road	0.363	0.306	0.306	0.495	0.867	0.431	0.329	0.369	0.381	6.110	5.660	5.780	0.418	0.411	0.432	0.365
MW-46WR	OU-3 Community Road	0.452	0.461	0.447	0.652	0.669	0.700	0.670	0.564	0.766	0.745	0.686	0.516	0.845	--	0.583	0.678
MW-70/70S	OU-3 Community Road	0.403	0.427	0.464	1.550	0.618	0.658	0.510	0.506	0.700	0.482	0.556	0.520	0.468	--	0.503	0.417
OU3MW-02S	OU-3 Community Road	0.293	--	--	0.293	--	--	0.343	--	0.504	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	0.185	--	--	0.188	--	--	0.180	--	0.219	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	0.503	0.283	0.443	0.617	--	--	--	--	0.536	0.526	--	0.600	0.605	0.556	0.476	--
OU3MW-03I	OU-3 Community Road	0.450	0.411	0.405	0.473	0.430	0.473	0.352	0.426	0.472	0.408	0.491	0.476	--	0.468	0.446	0.447
OU3MW-04S	OU-3 Community Road	0.552	--	--	0.754	--	--	0.467	--	0.541	--	--	0.475	0.498	0.482	--	--
OU3MW-04I	OU-3 Community Road	0.540	--	--	0.414	--	--	0.457	--	0.432	--	--	0.593	0.386	0.408	0.510	0.474
OU3MW-04D	OU-3 Community Road	0.900	0.299	0.309	0.377	0.367	0.389	0.324	0.308	0.332	0.323	0.379	0.332	0.372	0.377	0.386	0.430
OU3MW-04D2	OU-3 Community Road	0.946	--	0.278	0.362	0.388	0.430	0.350	0.404	0.354	0.335	0.382	0.324	--	0.328	--	--
OU3MW-04D3	OU-3 Community Road	0.478	--	--	0.344	--	--	--	--	0.371	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	0.627	--	--	0.532	--	--	--	0.387	0.402	0.429	--	0.404	0.448	--	--	--
OU3MW-05I	OU-3 Community Road	0.365	--	--	0.301	--	--	--	0.450	0.433	0.386	0.250	0.339	0.360	0.372	--	--
OU3MW-07S	OU-3 Community Road	0.327	0.276	0.348	0.339	0.353	0.346	--	0.348	0.326	0.298	--	0.310	--	--	0.322	0.317
OU3MW-07I	OU-3 Community Road	0.406	0.347	0.350	0.457	0.449	0.467	0.365	0.373	0.385	0.377	0.273	0.441	0.464	0.416	0.484	0.464
OU3MW-07I2	OU-3 Community Road	0.322	0.292	0.299	0.445	0.466	0.401	0.364	0.435	0.427	0.400	0.277	0.445	0.443	0.356	0.366	0.353
OU3MW-07I3	OU-3 Community Road	0.315	0.260	0.348	0.347	0.368	0.360	0.345	0.402	0.413	--	0.252	0.370	0.361	0.306	0.313	0.304
OU3MW-07I4	OU-3 Community Road	0.313	--	--	0.359	--	--	0.304	--	--	0.336	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.448	0.467

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2012						2013									
		Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.384	0.382
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.350	0.347
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.313	0.272
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.599	0.457
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.355	0.329
Dissolved Oxygen (mg/L)																	
IO-10	OU-3 Community Road	--	31.0	28.0	31.8	1.0	1.3	34.0	26.0	28.0	13.0	32.0	28.0	27.0	--	3.0	13.0
MW-34S	OU-3 Community Road	0.0	0.0	0.0	0.5	2.0	0.7	0.0	2.0	0.0	0.0	--	0.6	0.5	1.0	0.0	0.0
MW-34I	OU-3 Community Road	4.9	0.0	24.0	32.0	5.9	0.6	11.6	36.0	32.0	20.4	27.0	36.0	25.0	42.0	6.0	15.5
MW-34D	OU-3 Community Road	0.0	0.0	0.0	7.9	1.0	0.0	0.0	0.0	0.0	0.9	0.0	0.4	0.8	0.0	0.4	0.0
MW-46WR	OU-3 Community Road	0.0	0.0	0.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	1.0	0.0
MW-70/70S	OU-3 Community Road	0.0	0.0	0.0	0.4	0.6	1.1	0.0	0.0	1.9	7.0	1.0	0.6	0.3	--	1.6	0.0
OU3MW-02S	OU-3 Community Road	25.0	--	--	14.2	--	--	31.0	--	31.0	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	16.6	--	--	17.0	--	--	25.0	--	40.0	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	0.0	0.0	0.0	0.0	--	--	--	--	8.7	0.6	--	1.0	0.5	2.4	1.0	--
OU3MW-03I	OU-3 Community Road	2.9	0.0	0.0	0.5	0.0	3.2	3.7	2.0	10.8	8.2	1.0	1.0	--	3.4	13.0	2.8
OU3MW-04S	OU-3 Community Road	0.0	--	--	0.6	--	--	1.8	--	5.3	--	--	0.4	0.4	4.9	--	--
OU3MW-04I	OU-3 Community Road	24.0	--	--	32.0	--	--	21.0	--	26.0	--	--	30.3	32.2	26.0	31.0	25.1
OU3MW-04D	OU-3 Community Road	0.0	0.0	0.0	0.0	1.0	1.1	1.6	1.0	1.1	2.3	1.0	5.9	17.0	17.9	29.0	38.1
OU3MW-04D2	OU-3 Community Road	0.0	--	0.0	0.5	1.6	1.2	3.6	1.0	0.3	7.5	1.0	0.5	--	0.5	--	--
OU3MW-04D3	OU-3 Community Road	0.4	--	--	0.4	--	--	--	--	0.6	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	2.3	--	--	0.0	--	--	--	7.0	14.0	2.4	--	0.9	0.9	--	--	--
OU3MW-05I	OU-3 Community Road	0.0	--	--	7.7	--	--	--	6.0	8.0	4.9	3.3	3.3	5.9	7.1	--	--
OU3MW-07S	OU-3 Community Road	24.0	20.0	21.0	21.0	22.0	25.0	22.0	30.0	33.0	23.0	--	36.0	22.0	--	20.0	26.0
OU3MW-07I	OU-3 Community Road	14.5	35.0	34.0	--	38.0	32.0	18.3	35.0	41.0	20.0	30.0	46.0	27.0	42.0	25.0	38.0
OU3MW-07I2	OU-3 Community Road	33.0	25.0	20.0	--	41.0	32.0	40.0	36.0	40.0	25.0	28.0	40.0	17.0	47.0	34.0	45.0
OU3MW-07I3	OU-3 Community Road	23.0	23.0	22.0	--	32.0	29.0	27.0	31.0	33.0	--	27.0	33.0	9.5	17.0	21.0	23.0
OU3MW-07I4	OU-3 Community Road	0.0	--	--	--	--	--	0.0	--	--	0.0	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.0	0.0
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.0	0.0
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.0	0.0
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	15.0	22.0
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.0	0.0
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.0	0.0
Temperature (degrees Celcius)																	
IO-10	OU-3 Community Road	--	19.10	20.10	20.1	17.0	15.5	12.3	10.5	11.2	11.3	13.5	16.2	19.9	--	19.7	18.1
MW-34S	OU-3 Community Road	20.35	20.40	21.90	20.3	16.9	14.1	10.6	8.4	8.7	10.2	--	13.8	19.1	20.7	20.0	19.8
MW-34I	OU-3 Community Road	16.32	17.20	17.30	19.2	17.6	15.8	14.4	12.1	11.7	12.0	12.0	12.6	16.8	18.0	17.6	18.3
MW-34D	OU-3 Community Road	16.20	15.60	16.30	16.0	15.3	15.2	14.3	12.6	12.6	13.4	13.6	13.4	16.2	16.6	16.9	17.2
MW-46WR	OU-3 Community Road	25.00	24.70	24.70	18.8	15.7	11.4	8.2	9.6	8.3	12.7	17.2	19.4	24.6	--	23.4	19.8
MW-70/70S	OU-3 Community Road	20.10	20.90	22.30	21.2	15.3	13.8	11.0	8.9	8.2	10.1	12.4	15.6	18.6	--	19.1	16.6
OU3MW-02S	OU-3 Community Road	21.11	--	--	17.9	--	--	10.1	--	8.8	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	16.84	--	--	16.6	--	--	12.7	--	11.4	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	22.53	22.00	21.60	20.4	--	--	--	--	8.7	--	--	18.1	20.5	20.3	21.7	--
OU3MW-03I	OU-3 Community Road	17.30	18.50	19.20	18.1	16.2	14.4	12.6	11.3	11.7	--	13.6	16.3	--	17.7	18.8	19.7
OU3MW-04S	OU-3 Community Road	20.40	--	--	19.3	--	--	9.7	--	9.2	--	--	17.0	18.8	21.3	--	--
OU3MW-04I	OU-3 Community Road	17.51	--	--	17.6	--	--	11.7	--	12.3	--	--	15.4	16.9	18.2	19.6	19.0
OU3MW-04D	OU-3 Community Road	17.80	16.70	17.20	16.6	14.3	14.5	12.7	12.6	13.3	13.8	14.3	14.6	16.4	15.8	18.6	16.8
OU3MW-04D2	OU-3 Community Road	17.37	--	16.10	15.4	13.7	14.2	12.8	13.1	13.5	14.3	15.7	16.2	--	16.7	--	--
OU3MW-04D3	OU-3 Community Road	20.17	--	--	14.8	--	--	--	--	15.6	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	23.00	--	--	18.2	--	--	--	7.6	7.1	13.2	--	15.8	20.9	--	--	--
OU3MW-05I	OU-3 Community Road	20.56	--	--	17.3	--	--	--	10.5	10.4	15.0	13.9	15.5	21.4	16.9	--	--
OU3MW-07S	OU-3 Community Road	21.71	21.50	20.13	19.7	14.8	10.6	--	8.5	8.8	9.2	--	16.0	19.3	--	19.8	17.6

Appendix G. Table G-3
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OU-3 Oxygen Injection System
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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2012						2013									
		Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13
OU3MW-07I	OU-3 Community Road	18.68	19.30	18.70	19.9	14.4	15.2	9.8	12.3	11.0	10.8	13.0	14.6	18.1	18.0	17.4	16.8
OU3MW-07I2	OU-3 Community Road	18.59	17.70	19.20	18.2	14.6	12.7	12.2	12.0	11.7	11.6	13.5	14.5	18.0	17.2	17.2	16.1
OU3MW-07I3	OU-3 Community Road	18.13	17.80	16.19	17.2	14.4	11.7	13.1	11.4	12.0	--	13.9	15.7	19.8	18.0	16.3	16.0
OU3MW-07I4	OU-3 Community Road	18.81	--	--	16.5	--	--	13.3	--	--	11.9	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18.0	17.9
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	15.7	16.7
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14.9	15.8
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	19.2	19.9
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	16.7	16.9
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	16.1	15.9
Oxidation Reduction Potential (mV)																	
IO-10	OU-3 Community Road	--	106	166	119	249	248	168	202	220	172	185	159	151	--	58	81
MW-34S	OU-3 Community Road	-67	-163	23	-85	371	7	-25	-25	-14	-15	--	-57	-107	-25	-8	-21
MW-34I	OU-3 Community Road	-61	-103	75	120	382	123	137	200	187	136	148	143	96	194	107	154
MW-34D	OU-3 Community Road	39	-86	-79	-91	175	93	66	54	42	30	25	36	56	82	87	70
MW-46WR	OU-3 Community Road	-184	-182	-172	-104	-11	0	-8	-45	-12	-22	-60	-41	9	--	5	-17
MW-70/70S	OU-3 Community Road	-204	-205	-191	-65	-29	31	-33	1	-40	-93	-51	-81	-123	--	-15	4
OU3MW-02S	OU-3 Community Road	225	--	--	181	--	--	184	--	151	--	--	--	--	--	--	--
OU3MW-02I	OU-3 Community Road	377	--	--	293	--	--	215	--	226	--	--	--	--	--	--	--
OU3MW-03S	OU-3 Community Road	-118	-153	-141	-91	--	--	--	--	-54	-65	--	-110	-148	-78	-12	--
OU3MW-03I	OU-3 Community Road	-62	-196	-161	-56	-42	320	18	-10	19	25	-21	-66	--	-8	79	21
OU3MW-04S	OU-3 Community Road	-230	--	--	-45	--	--	15	--	-20	--	--	-26	-88	2	--	--
OU3MW-04I	OU-3 Community Road	129	--	--	118	--	--	130	--	119	--	--	161	143	168	186	216
OU3MW-04D	OU-3 Community Road	-50	-8	-43	36	236	266	88	82	137	132	111	158	121	135	217	199
OU3MW-04D2	OU-3 Community Road	107	--	41	82	273	290	125	134	61	112	87	121	--	113	--	--
OU3MW-04D3	OU-3 Community Road	17	--	--	175	--	--	--	--	188	--	--	--	--	--	--	--
OU3MW-05S	OU-3 Community Road	18	--	--	39	--	--	--	129	145	76	--	-29	0	--	--	--
OU3MW-05I	OU-3 Community Road	110	--	--	114	--	--	--	113	85	43	119	22	56	36	--	--
OU3MW-07S	OU-3 Community Road	105	-17	54	46	402	108	66	82	98	61	--	109	43	--	119	224
OU3MW-07I	OU-3 Community Road	222	150	158	--	436	445	136	271	229	187	310	178	178	254	175	229
OU3MW-07I2	OU-3 Community Road	208	162	158	--	446	231	255	238	221	193	323	177	145	254	182	236
OU3MW-07I3	OU-3 Community Road	172	163	206	--	445	209	237	238	175	--	329	167	154	246	194	217
OU3MW-07I4	OU-3 Community Road	190	--	--	--	--	--	191	--	--	221	--	--	--	--	--	--
OU3MW-19S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-60	-80
OU3MW-19I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-92	-87
OU3MW-19I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	88	142
OU3MW-20S	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	97	103
OU3MW-20I	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-112	-111
OU3MW-20I2	87 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	--	--	80	131

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2013		2014												2015	
		Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15
pH (SU)																	
IO-10	OU-3 Community Road	5.60	5.71	5.86	6.28	6.19	6.19	5.91	5.68	6.26	6.28	6.34	6.40	5.81	6.27	--	--
MW-34S	OU-3 Community Road	5.42	5.80	5.52	7.88	5.88	6.01	5.95	5.51	5.49	5.64	5.10	5.74	6.08	5.72	5.95	5.63
MW-34I	OU-3 Community Road	5.79	5.90	5.64	7.52	5.91	6.20	6.15	5.67	5.77	6.21	5.31	6.40	6.36	6.11	6.34	6.08
MW-34D	OU-3 Community Road	5.50	5.63	5.55	8.25	5.69	6.03	5.95	5.36	5.84	5.89	5.60	5.85	5.75	5.55	5.78	5.34
MW-46WR	OU-3 Community Road	5.35	5.51	5.42	5.54	6.07	5.71	5.53	5.26	5.33	5.37	5.66	5.81	5.27	5.45	--	5.81
MW-70/70S	OU-3 Community Road	5.39	5.49	5.57	5.96	7.30	5.79	5.63	5.38	5.38	5.82	5.65	5.80	5.20	5.65	--	5.14
OU3MW-02S	OU-3 Community Road	--	5.49	--	--	6.46	5.62	--	--	--	--	5.83	--	5.97	--	--	--
OU3MW-02I	OU-3 Community Road	--	5.40	--	--	5.97	5.71	--	--	--	--	5.61	--	5.19	--	--	--
OU3MW-03S	OU-3 Community Road	--	5.69	--	--	6.06	5.81	--	--	5.84	--	--	--	5.52	--	--	--
OU3MW-03I	OU-3 Community Road	5.91	5.85	5.79	5.94	6.33	5.88	--	--	5.74	5.82	6.06	5.55	5.35	--	--	--
OU3MW-04S	OU-3 Community Road	--	5.62	--	5.65	--	5.84	--	--	--	--	6.05	--	5.82	--	--	--
OU3MW-04I	OU-3 Community Road	--	5.72	--	5.78	--	5.85	--	--	--	--	5.86	--	5.80	--	--	--
OU3MW-04D	OU-3 Community Road	--	5.52	--	5.59	--	5.76	--	--	--	--	5.92	--	5.83	--	--	--
OU3MW-04D2	OU-3 Community Road	--	5.51	--	6.68	--	5.83	--	--	--	--	5.82	--	5.58	--	--	--
OU3MW-04D3	OU-3 Community Road	--	5.65	--	6.78	--	5.84	--	--	--	--	5.69	--	5.94	--	--	--
OU3MW-05S	OU-3 Community Road	5.57	--	--	--	5.80	6.20	--	--	4.76	--	--	--	5.79	--	--	6.19
OU3MW-05I	OU-3 Community Road	5.41	5.63	5.58	5.64	6.05	5.71	--	--	--	4.91	--	--	6.09	--	--	5.90
OU3MW-07S	OU-3 Community Road	5.66	5.53	5.57	7.04	5.60	5.84	5.88	5.50	5.39	6.09	5.12	6.09	5.43	5.87	5.72	5.34
OU3MW-07I	OU-3 Community Road	5.93	5.99	5.84	6.72	6.09	6.07	5.87	5.90	5.65	6.34	5.46	6.40	5.98	6.14	6.04	5.86
OU3MW-07I2	OU-3 Community Road	5.77	5.78	5.62	6.04	5.95	5.85	6.07	5.77	5.68	6.27	5.44	6.15	5.96	5.81	5.78	5.64
OU3MW-07I3	OU-3 Community Road	5.62	6.11	5.68	6.20	6.09	5.99	5.74	5.64	5.56	6.05	5.89	5.95	5.41	5.70	5.72	5.47
OU3MW-07I4	OU-3 Community Road	--	5.55	5.53	--	--	--	5.53	--	5.43	--	--	--	5.78	--	--	5.33
OU3MW-19S	87 Community Road	5.93	5.98	5.90	6.02	5.55	5.87	5.43	5.59	5.90	6.05	4.95	5.85	6.06	5.97	5.78	5.95
OU3MW-19I	87 Community Road	6.24	6.18	5.69	6.12	5.67	6.14	6.03	5.85	6.05	6.23	5.25	5.91	6.05	6.06	5.91	6.16
OU3MW-19I2	87 Community Road	5.59	5.59	5.72	6.10	5.76	6.06	5.49	5.38	5.77	5.95	5.28	5.84	5.86	5.81	5.71	5.76
OU3MW-20S	87 Community Road	5.52	5.65	5.29	5.33	5.51	5.51	5.12	5.10	5.05	4.97	4.53	5.20	5.40	5.44	5.40	5.60
OU3MW-20I	87 Community Road	6.21	6.59	5.72	5.92	6.31	6.22	5.88	5.76	6.10	6.16	5.42	6.25	6.22	6.27	6.19	6.43
OU3MW-20I2	87 Community Road	5.49	5.87	5.51	5.70	5.68	5.76	5.69	5.28	5.57	5.65	5.17	5.78	5.75	5.76	5.71	6.01
Conductivity (mS/cm)																	
IO-10	OU-3 Community Road	0.578	0.518	0.384	0.411	0.444	0.334	0.491	0.620	0.358	0.399	0.390	0.386	0.407	0.366	--	--
MW-34S	OU-3 Community Road	0.847	1.030	1.100	1.240	0.642	0.589	0.540	0.740	1.00	1.42	1.570	1.490	0.894	0.879	1.180	0.874
MW-34I	OU-3 Community Road	0.486	0.327	0.382	0.373	0.351	0.545	0.650	0.617	0.795	0.409	0.316	0.374	0.345	0.374	0.496	0.473
MW-34D	OU-3 Community Road	0.568	0.373	0.391	0.336	0.281	0.308	0.315	0.487	0.310	0.347	0.418	0.288	0.277	0.295	0.271	0.361
MW-46WR	OU-3 Community Road	0.745	0.566	0.680	1.190	0.938	1.970	1.140	1.810	2.38	0.854	1.36	1.31	1.27	1.02	--	2.49
MW-70/70S	OU-3 Community Road	0.699	0.650	0.447	0.484	0.450	0.955	0.700	1.440	2.20	1.16	0.959	0.656	0.648	0.597	--	0.893
OU3MW-02S	OU-3 Community Road	--	0.730	--	--	0.519	0.748	--	--	--	--	0.391	--	0.411	--	--	--
OU3MW-02I	OU-3 Community Road	--	0.324	--	--	0.270	0.223	--	--	--	--	0.322	--	0.222	--	--	--
OU3MW-03S	OU-3 Community Road	--	0.593	--	--	0.537	0.687	--	--	0.719	--	--	--	0.54	--	--	--
OU3MW-03I	OU-3 Community Road	0.420	0.490	0.515	0.295	0.299	0.370	--	--	0.380	0.364	0.369	0.324	0.362	--	--	--
OU3MW-04S	OU-3 Community Road	--	0.913	--	1.050	--	0.548	--	--	--	--	0.693	--	1.020	--	--	--
OU3MW-04I	OU-3 Community Road	--	0.594	--	0.411	--	0.398	--	--	--	--	1.10	--	0.42	--	--	--
OU3MW-04D	OU-3 Community Road	--	0.582	--	0.337	--	0.326	--	--	--	--	0.407	--	0.380	--	--	--
OU3MW-04D2	OU-3 Community Road	--	0.595	--	0.340	--	0.321	--	--	--	--	0.364	--	0.384	--	--	--
OU3MW-04D3	OU-3 Community Road	--	0.586	--	0.363	--	0.388	--	--	--	--	0.349	--	0.340	--	--	--
OU3MW-05S	OU-3 Community Road	1.010	--	--	--	0.396	0.329	--	--	1.07	--	--	--	0.91	--	--	0.328
OU3MW-05I	OU-3 Community Road	0.624	0.505	0.379	0.441	0.387	0.344	--	--	--	0.570	--	--	0.59	--	--	0.482
OU3MW-07S	OU-3 Community Road	0.397	0.486	0.330	0.475	0.368	0.390	0.329	0.420	0.337	0.336	0.388	0.370	0.429	0.432	0.428	0.364
OU3MW-07I	OU-3 Community Road	0.534	0.604	0.420	0.430	0.407	0.440	0.408	0.495	0.375	0.366	0.430	0.347	0.380	0.402	0.441	0.404
OU3MW-07I2	OU-3 Community Road	0.448	0.573	0.408	0.408	0.421	0.434	0.378	0.477	0.362	0.366	0.407	0.357	0.380	0.382	0.417	0.544
OU3MW-07I3	OU-3 Community Road	0.394	0.463	0.378	0.399	0.419	0.397	0.336	0.457	0.334	0.327	0.315	0.324	0.372	0.381	0.408	0.531
OU3MW-07I4	OU-3 Community Road	--	0.379	0.341	--	--	--	0.338	--	0.394	--	--	--	0.39	--	--	0.535
OU3MW-19S	87 Community Road	0.482	0.841	0.374	0.590	0.530	0.492	0.419	0.764	0.594	0.285	0.622	0.492	0.325	0.216	0.347	1.370

Appendix G. Table G-3
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Well ID	Oxygen Injection System	2013		2014												2015	
		Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15
OU3MW-19I	87 Community Road	0.390	0.341	0.319	0.332	0.318	0.335	0.360	0.468	0.290	0.319	0.308	0.283	0.259	0.292	0.389	0.359
OU3MW-19I2	87 Community Road	0.340	0.284	0.298	0.289	0.249	0.269	0.301	0.437	0.330	0.345	0.356	0.312	0.311	0.318	0.324	0.288
OU3MW-20S	87 Community Road	0.350	0.273	0.387	0.485	0.514	0.555	0.542	0.814	0.719	0.712	0.591	0.496	0.430	0.420	0.484	0.394
OU3MW-20I	87 Community Road	0.601	0.457	0.491	0.403	0.360	0.379	0.397	0.477	0.350	0.432	0.397	0.382	0.409	0.471	0.471	0.388
OU3MW-20I2	87 Community Road	0.411	0.327	0.374	0.320	0.331	0.321	0.328	0.403	0.264	0.374	0.418	0.369	0.369	0.394	0.412	0.378
Dissolved Oxygen (mg/L)																	
IO-10	OU-3 Community Road	10.0	10.0	21.0	29.0	30.0	25.0	36.0	42.0	25.0	27.0	24.0	24.0	29.0	22.0	--	--
MW-34S	OU-3 Community Road	0.5	3.0	0.0	1.1	0.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	16.8	0.74
MW-34I	OU-3 Community Road	25.0	35.0	2.0	15.3	23.0	27.0	31.0	43.0	39.0	21.0	18.0	25.0	31.0	25.0	12.0	50.0
MW-34D	OU-3 Community Road	11.0	0.0	0.0	1.0	0.0	0.0	3.0	0.0	1.6	17.7	25.0	9.0	8.0	13.0	12.8	17.4
MW-46WR	OU-3 Community Road	1.0	0.0	1.0	0.0	9.0	0.0	2.0	0.0	0.0	0.8	0.4	1.0	4.6	8.0	--	20.8
MW-70/70S	OU-3 Community Road	1.0	1.0	2.0	1.0	5.0	13.6	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.6	--	15.3
OU3MW-02S	OU-3 Community Road	--	22.0	--	--	14.9	25.0	--	--	--	--	18.5	--	15.1	--	--	--
OU3MW-02I	OU-3 Community Road	--	17.0	--	--	32.0	17.0	--	--	--	--	38.1	--	28.6	--	--	--
OU3MW-03S	OU-3 Community Road	--	1.2	--	--	1.4	6.6	--	--	1.3	--	--	--	0.70	--	--	--
OU3MW-03I	OU-3 Community Road	0.9	0.6	1.1	5.1	1.0	19.3	--	--	4.9	17.0	15.1	29.9	28.0	--	--	--
OU3MW-04S	OU-3 Community Road	--	1.4	--	1.1	--	1.4	--	--	--	--	6.57	--	2.00	--	--	--
OU3MW-04I	OU-3 Community Road	--	28.0	--	17.5	--	25.0	--	--	--	--	27.40	--	18.00	--	--	--
OU3MW-04D	OU-3 Community Road	--	6.1	--	0.7	--	0.5	--	--	--	--	31.83	--	25.00	--	--	--
OU3MW-04D2	OU-3 Community Road	--	0.4	--	0.8	--	0.4	--	--	--	--	6.48	--	8.00	--	--	--
OU3MW-04D3	OU-3 Community Road	--	0.3	--	3.7	--	0.3	--	--	--	--	0.43	--	1.00	--	--	--
OU3MW-05S	OU-3 Community Road	0.5	--	--	--	4.4	7.6	--	--	8.5	--	--	--	1.80	--	--	10.40
OU3MW-05I	OU-3 Community Road	21.0	34.1	29.0	23.8	30.0	12.7	--	--	--	26.1	--	--	28.60	--	--	10.50
OU3MW-07S	OU-3 Community Road	31.0	17.0	30.0	14.0	31.0	32.0	26.0	27.0	28.0	30.0	35.0	30.0	24.0	29.0	13.0	43.0
OU3MW-07I	OU-3 Community Road	46.0	39.0	35.0	42.0	35.0	47.0	26.0	33.0	36.0	29.0	31.0	28.0	38.0	26.0	12.2	50.0
OU3MW-07I2	OU-3 Community Road	44.0	30.0	27.0	35.0	37.0	43.0	28.0	48.0	32.0	26.0	23.0	21.0	32.0	18.0	9.5	41.0
OU3MW-07I3	OU-3 Community Road	30.0	20.0	25.0	12.0	30.0	36.0	25.3	27.0	15.0	24.0	19.0	23.0	25.9	25.0	7.1	26.1
OU3MW-07I4	OU-3 Community Road	--	0.9	0.4	--	--	--	2.1	--	0.39	--	--	--	0.00	--	--	4.41
OU3MW-19S	87 Community Road	0.0	0.0	0.0	3.0	1.0	1.0	0.0	0.0	0.0	3.0	0.2	0.0	0.0	3.0	5.9	6.8
OU3MW-19I	87 Community Road	0.0	0.0	0.8	9.0	12.0	12.0	15.0	42.0	23.0	22.0	21.0	25.0	26.0	25.0	8.1	8.1
OU3MW-19I2	87 Community Road	0.0	0.6	12.0	7.0	9.0	22.0	8.0	10.0	3.0	1.4	3.0	0.0	0.0	11.0	6.2	6.2
OU3MW-20S	87 Community Road	22.0	29.0	37.0	30.0	24.0	27.0	22.0	35.0	28.0	17.0	31.0	25.0	12.0	25.0	7.4	11.1
OU3MW-20I	87 Community Road	0.0	0.6	13.0	27.0	30.0	22.0	42.0	47.0	28.0	31.0	23.0	23.0	23.0	26.0	10.6	11.5
OU3MW-20I2	87 Community Road	0.0	0.0	4.0	2.0	9.0	12.0	16.0	7.0	0.0	0.0	2.0	0.0	0.4	0.6	6.5	12.7
Temperature (degrees Celcius)																	
IO-10	OU-3 Community Road	17.0	14.5	12.4	9.3	9.8	13.7	13.5	20.5	19.5	21.2	18.9	17.8	16.4	15.3	--	--
MW-34S	OU-3 Community Road	16.1	11.3	9.6	7.6	9.5	11.6	13.2	19.5	17.8	19.5	18.9	18.8	16.1	10.7	8.6	4.60
MW-34I	OU-3 Community Road	16.5	13.9	12.0	12.9	11.3	12.9	12.1	18.4	15.3	17.3	15.3	17.0	16.6	14.2	11.5	8.41
MW-34D	OU-3 Community Road	15.4	13.6	13.6	12.3	13.1	13.7	13.4	16.7	18.3	16.0	16.1	16.0	15.2	14.3	12.6	11.02
MW-46WR	OU-3 Community Road	16.1	8.9	6.2	7.9	8.3	14.4	17.2	24.1	23.6	25.7	21.3	17.9	17.1	13.0	--	5.70
MW-70/70S	OU-3 Community Road	15.7	13.2	8.9	7.0	7.3	15.0	13.9	19.8	18.2	25.0	19.7	19.5	15.1	13.2	--	4.51
OU3MW-02S	OU-3 Community Road	--	11.2	--	--	9.0	10.3	--	--	--	--	21.12	--	13.61	--	--	--
OU3MW-02I	OU-3 Community Road	--	13.5	--	--	9.4	10.0	--	--	--	--	16.96	--	13.62	--	--	--
OU3MW-03S	OU-3 Community Road	--	14.1	--	--	6.3	8.4	--	--	21.5	--	--	--	14.40	--	--	--
OU3MW-03I	OU-3 Community Road	17.4	15.8	12.4	10.2	9.3	11.5	--	--	18.7	18.8	18.4	17.4	14.2	--	--	--
OU3MW-04S	OU-3 Community Road	--	12.1	--	8.0	--	9.6	--	--	--	--	19.67	--	14.68	--	--	--
OU3MW-04I	OU-3 Community Road	--	12.9	--	12.0	--	10.6	--	--	--	--	16.27	--	14.80	--	--	--
OU3MW-04D	OU-3 Community Road	--	13.3	--	12.9	--	12.4	--	--	--	--	16.55	--	13.93	--	--	--
OU3MW-04D2	OU-3 Community Road	--	13.7	--	13.6	--	12.5	--	--	--	--	16.18	--	13.39	--	--	--
OU3MW-04D3	OU-3 Community Road	--	12.7	--	13.3	--	12.9	--	--	--	--	15.04	--	13.57	--	--	--
OU3MW-05S	OU-3 Community Road	16.4	--	--	--	5.7	10.4	--	--	21.6	--	--	--	15.90	--	--	4.10
OU3MW-05I	OU-3 Community Road	15.3	14.3	12.2	6.9	10.5	12.6	--	--	--	20.6	--	--	15.80	--	--	8.10
OU3MW-07S	OU-3 Community Road	15.1	11.9	9.4	7.5	6.6	11.9	13.4	22.4	18.28	23.1	18.3	17.8	14.5	12.9	11.0	5.76

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Well ID	Oxygen Injection System	2013		2014												2015	
		Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15
OU3MW-07I	OU-3 Community Road	15.5	14.1	12.5	11.3	9.6	12.1	13.0	24.1	15.50	23.5	16.0	17.7	14.6	15.2	12.5	9.40
OU3MW-07I2	OU-3 Community Road	15.2	14.2	13.0	10.6	9.9	11.9	13.1	20.0	14.89	17.9	15.1	16.5	13.8	14.6	14.5	10.05
OU3MW-07I3	OU-3 Community Road	14.9	16.9	12.9	10.1	10.6	13.0	13.2	19.1	16.43	18.0	17.5	16.4	13.3	13.8	12.9	9.60
OU3MW-07I4	OU-3 Community Road	--	14.7	13.3	--	--	--	13.6	--	14.79	--	--	--	13.23	--	--	9.00
OU3MW-19S	87 Community Road	15.5	11.3	11.1	6.0	6.8	12.4	21.1	21.0	19.5	20.6	18.0	17.0	14.3	12.4	10.3	7.50
OU3MW-19I	87 Community Road	15.1	14.5	13.3	9.7	9.5	13.8	14.8	20.2	18.4	16.9	16.2	16.7	14.8	14.3	12.8	9.20
OU3MW-19I2	87 Community Road	14.3	13.6	13.4	9.6	10.2	14.3	15.4	20.2	18.5	19.5	15.3	16.6	13.7	13.3	12.9	9.80
OU3MW-20S	87 Community Road	15.9	12.4	11.9	9.0	10.3	13.0	14.6	18.7	19.9	19.6	18.1	19.0	16.3	15.4	11.8	8.90
OU3MW-20I	87 Community Road	15.4	13.2	13.6	11.6	12.5	12.4	13.8	18.7	17.3	17.2	16.0	17.0	16.3	15.2	12.7	10.00
OU3MW-20I2	87 Community Road	15.1	14.0	12.6	11.3	12.0	13.4	13.8	17.4	18.0	16.9	15.5	15.8	15.1	13.9	12.5	11.20
Oxidation Reduction Potential (mV)																	
IO-10	OU-3 Community Road	36	13	53	119	211	207	169	215	99	161	178	190	88	150	--	--
MW-34S	OU-3 Community Road	-40	150	76	-39	-26	-25	-50	-66	-51	-32	-68	-36	24	118	24	54
MW-34I	OU-3 Community Road	140	177	112	185	197	184	205	205	171	190	115	173	193	208	256	210
MW-34D	OU-3 Community Road	13	93	100	17	12	13	15	33	16	188	150	182	195	192	287	252
MW-46WR	OU-3 Community Road	-14	57	27	27	-62	-30	-22	-16	-31	55	9	-16	2	54	--	-13
MW-70/70S	OU-3 Community Road	-35	-20	-17	-15	-100	-32	-110	-57	-61	-75	-19	-35	10	0	--	204
OU3MW-02S	OU-3 Community Road	--	151	--	--	195	145	--	--	--	--	201	--	251	--	--	--
OU3MW-02I	OU-3 Community Road	--	193	--	--	125	245	--	--	--	--	247	--	270	--	--	--
OU3MW-03S	OU-3 Community Road	--	-17	--	--	-24	8	--	--	-72	--	--	--	20	--	--	--
OU3MW-03I	OU-3 Community Road	16	-5	-10	95	-89	-12	--	--	6	29	15	89	172	--	--	--
OU3MW-04S	OU-3 Community Road	--	-13	--	19	--	-15	--	--	--	--	-66	--	59	--	--	--
OU3MW-04I	OU-3 Community Road	--	150	--	120	--	196	--	--	--	--	215	--	85	--	--	--
OU3MW-04D	OU-3 Community Road	--	168	--	124	--	222	--	--	--	--	207	--	156	--	--	--
OU3MW-04D2	OU-3 Community Road	--	144	--	218	--	172	--	--	--	--	175	--	203	--	--	--
OU3MW-04D3	OU-3 Community Road	--	143	--	199	--	126	--	--	--	--	169	--	95	--	--	--
OU3MW-05S	OU-3 Community Road	-10	--	--	--	109	143	--	--	90	--	--	--	61	--	--	128
OU3MW-05I	OU-3 Community Road	201	183	154	232	199	218	--	--	--	249	--	--	187	--	--	191
OU3MW-07S	OU-3 Community Road	178	129	188	57	210	84	63	136	180	69	35	125	204	114	133	290
OU3MW-07I	OU-3 Community Road	220	195	241	178	249	252	189	150	235	208	144	207	165	225	162	307
OU3MW-07I2	OU-3 Community Road	210	222	263	274	267	245	167	188	260	223	167	217	170	235	189	268
OU3MW-07I3	OU-3 Community Road	184	172	262	274	267	208	206	150	258	202	119	208	282	221	191	255
OU3MW-07I4	OU-3 Community Road	--	136	129	--	--	--	143	--	127	--	--	--	135	--	--	228
OU3MW-19S	87 Community Road	-82	-32	22	121	21	77	-92	-115	-126	-20	-104	-41	-15	16	-31	39
OU3MW-19I	87 Community Road	-91	-57	52	23	73	164	178	277	178	179	115	164	190	215	188	147
OU3MW-19I2	87 Community Road	130	168	228	140	116	134	154	219	135	125	70	73	107	164	146	183
OU3MW-20S	87 Community Road	50	205	191	223	91	113	99	92	116	223	176	173	93	153	158	200
OU3MW-20I	87 Community Road	-98	-64	72	128	147	226	203	276	157	172	151	170	183	151	189	265
OU3MW-20I2	87 Community Road	111	142	125	104	146	146	162	202	135	151	125	119	117	102	163	184

Appendix G. Table G-3
Summary of Groundwater Parameter Data
OU-3 Oxygen Injection System
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Bay Shore/Brightwaters Former MGP Site

Well ID	Oxygen Injection System	2015										2016					
		Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
pH (SU)																	
IO-10	OU-3 Community Road	6.34	6.44	6.02	5.98	5.84	6.03	5.36	5.27	5.09	5.72	--	5.91	5.77	5.53	5.74	6.30
MW-34S	OU-3 Community Road	5.72	6.14	5.89	5.77	5.33	5.50	4.75	5.04	5.04	4.77	5.83	5.88	5.46	5.29	5.35	6.83
MW-34I	OU-3 Community Road	6.12	6.56	6.58	6.43	5.97	6.10	5.14	5.41	5.47	5.10	5.88	5.88	5.84	5.58	5.84	6.18
MW-34D	OU-3 Community Road	5.47	5.93	5.91	5.83	5.28	5.55	4.86	4.95	4.97	4.89	5.62	5.52	5.50	5.17	5.33	5.96
MW-46WR	OU-3 Community Road	5.79	6.02	5.14	5.34	5.11	5.52	5.05	4.94	4.82	4.89	4.31	5.35	5.25	5.23	5.51	5.32
MW-70/70S	OU-3 Community Road	5.51	5.74	5.55	5.40	4.90	5.15	4.56	4.84	4.63	5.22	5.17	5.00	5.38	4.62	4.85	5.31
OU3MW-02S	OU-3 Community Road	5.72	--	5.78	--	--	--	--	--	--	--	--	--	--	--	6.01	--
OU3MW-02I	OU-3 Community Road	5.28	--	5.61	--	--	--	--	--	--	--	--	--	--	--	5.86	--
OU3MW-03S	OU-3 Community Road	5.41	--	--	5.83	--	--	--	5.19	--	--	--	--	--	--	5.69	--
OU3MW-03I	OU-3 Community Road	5.38	--	--	5.87	--	--	--	--	--	--	--	--	--	--	6.37	--
OU3MW-04S	OU-3 Community Road	5.87	--	--	5.62	--	--	--	--	--	--	--	--	--	--	6.13	--
OU3MW-04I	OU-3 Community Road	5.60	--	--	5.93	--	--	--	--	--	--	--	--	--	--	6.59	--
OU3MW-04D	OU-3 Community Road	5.97	--	--	5.46	--	--	--	--	--	--	--	--	--	--	6.18	--
OU3MW-04D2	OU-3 Community Road	5.39	--	--	5.36	--	--	--	--	--	--	--	--	--	--	6.10	--
OU3MW-04D3	OU-3 Community Road	5.47	--	--	5.50	--	--	--	--	--	--	--	--	--	--	6.19	--
OU3MW-05S	OU-3 Community Road	--	--	--	5.51	--	--	--	5.06	--	--	--	--	--	--	6.15	--
OU3MW-05I	OU-3 Community Road	--	--	--	5.66	--	--	--	--	--	--	--	--	--	--	6.37	--
OU3MW-07S	OU-3 Community Road	5.49	5.98	6.00	5.78	5.36	5.51	5.19	5.29	5.50	5.54	5.67	5.55	5.13	5.15	5.59	5.80
OU3MW-07I	OU-3 Community Road	5.91	6.37	6.41	6.21	5.85	5.91	5.41	5.59	5.90	6.06	6.13	6.10	5.72	5.67	6.14	6.20
OU3MW-07I2	OU-3 Community Road	5.98	6.27	6.33	6.12	5.76	5.80	5.23	5.10	5.70	5.78	5.47	5.81	5.43	5.49	4.81	5.92
OU3MW-07I3	OU-3 Community Road	5.90	6.17	6.27	5.98	5.49	5.52	5.15	4.83	4.68	5.61	5.38	5.67	5.40	5.33	4.82	5.88
OU3MW-07I4	OU-3 Community Road	--	5.92	--	--	5.26	--	--	4.99	4.87	--	5.21	--	--	--	4.60	--
OU3MW-19S	87 Community Road	5.61	5.83	5.84	5.42	5.15	5.55	5.05	4.75	5.02	5.43	5.48	5.61	4.97	5.10	5.62	5.47
OU3MW-19I	87 Community Road	5.87	6.19	6.30	5.91	5.57	6.03	5.24	5.09	5.27	5.70	5.76	5.89	5.39	5.63	6.12	6.32
OU3MW-19I2	87 Community Road	5.12	5.99	5.98	5.44	5.26	5.71	5.18	4.93	5.08	5.52	5.65	5.58	4.90	5.09	5.58	5.92
OU3MW-20S	87 Community Road	5.04	5.44	5.69	5.35	4.77	5.11	4.29	4.55	4.86	5.08	4.81	4.71	4.75	4.78	4.25	5.25
OU3MW-20I	87 Community Road	5.99	6.24	6.40	6.09	5.68	5.96	4.86	5.48	5.45	6.02	5.62	5.59	5.63	5.71	5.45	6.21
OU3MW-20I2	87 Community Road	5.63	5.71	5.99	5.68	5.22	5.56	4.69	5.05	5.31	5.55	5.12	5.01	5.00	4.88	4.25	5.66
Conductivity (mS/cm)																	
IO-10	OU-3 Community Road	0.442	0.423	0.779	0.792	0.511	0.442	0.443	0.379	0.357	0.416	--	0.402	0.535	0.826	0.955	0.625
MW-34S	OU-3 Community Road	1.060	1.110	0.940	0.713	1.040	1.090	1.080	0.930	0.956	0.701	1.210	0.508	0.724	0.726	0.775	0.723
MW-34I	OU-3 Community Road	0.457	0.457	0.409	0.904	0.502	0.416	0.341	0.344	0.416	0.360	0.393	0.395	0.443	0.525	0.575	0.953
MW-34D	OU-3 Community Road	0.310	0.324	0.342	0.373	0.356	0.329	0.283	0.334	0.428	0.354	0.360	0.341	0.343	0.335	0.354	0.370
MW-46WR	OU-3 Community Road	2.700	2.680	1.750	2.190	2.230	1.660	1.070	0.963	0.995	1.050	0.619	0.907	0.954	1.530	0.762	0.685
MW-70/70S	OU-3 Community Road	0.658	0.627	0.659	0.833	0.626	0.552	0.528	0.565	0.480	5.280	0.397	0.486	0.390	0.483	0.577	1.540
OU3MW-02S	OU-3 Community Road	2.920	--	2.130	--	--	--	--	--	--	--	--	--	--	--	9.05	--
OU3MW-02I	OU-3 Community Road	0.260	--	0.260	--	--	--	--	--	--	--	--	--	--	--	0.30	--
OU3MW-03S	OU-3 Community Road	1.010	--	--	0.873	--	--	--	1.010	--	--	--	--	--	--	1.16	--
OU3MW-03I	OU-3 Community Road	0.312	--	--	0.283	--	--	--	--	--	--	--	--	--	--	0.556	--
OU3MW-04S	OU-3 Community Road	1.370	--	--	0.557	--	--	--	--	--	--	--	--	--	--	0.879	--
OU3MW-04I	OU-3 Community Road	0.362	--	--	0.864	--	--	--	--	--	--	--	--	--	--	0.680	--
OU3MW-04D	OU-3 Community Road	0.360	--	--	0.344	--	--	--	--	--	--	--	--	--	--	0.356	--
OU3MW-04D2	OU-3 Community Road	0.360	--	--	0.321	--	--	--	--	--	--	--	--	--	--	0.35	--
OU3MW-04D3	OU-3 Community Road	0.353	--	--	0.401	--	--	--	--	--	--	--	--	--	--	0.37	--
OU3MW-05S	OU-3 Community Road	--	--	--	0.531	--	--	--	0.602	--	--	--	--	--	--	0.53	--
OU3MW-05I	OU-3 Community Road	--	--	--	1.14	--	--	--	--	--	--	--	--	--	--	0.43	--
OU3MW-07S	OU-3 Community Road	0.372	0.427	0.370	0.380	0.314	0.254	0.355	0.339	0.405	0.422	0.413	0.343	0.366	0.351	0.304	0.437
OU3MW-07I	OU-3 Community Road	0.425	0.428	0.455	0.491	0.423	0.372	0.465	0.435	0.513	0.494	0.506	0.505	0.551	0.492	0.452	0.529
OU3MW-07I2	OU-3 Community Road	0.419	0.402	0.419	0.460	0.384	0.288	0.356	0.395	0.436	0.402	0.436	0.444	0.493	0.448	0.360	1.560
OU3MW-07I3	OU-3 Community Road	0.403	0.385	0.398	0.416	0.346	0.266	0.319	0.341	0.353	0.367	0.345	0.394	0.450	0.360	0.288	0.451
OU3MW-07I4	OU-3 Community Road	--	0.407	--	--	0.398	--	--	0.327	0.327	--	0.339	--	--	--	0.25	--
OU3MW-19S	87 Community Road	1.290	0.639	0.513	0.569	0.452	0.432	0.437	0.400	0.663	0.550	0.384	0.897	1.620	0.718	0.752	0.369

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Well ID	Oxygen Injection System	2015										2016					
		Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
OU3MW-19I	87 Community Road	0.386	0.407	0.401	0.458	0.382	0.362	0.449	0.484	0.591	0.483	0.409	0.470	0.525	0.448	0.398	0.359
OU3MW-19I2	87 Community Road	0.347	0.350	0.421	0.462	0.390	0.372	0.371	0.539	0.690	0.498	0.375	0.364	0.408	0.363	0.335	0.386
OU3MW-20S	87 Community Road	0.617	0.644	0.433	0.473	0.389	0.360	0.322	0.314	0.324	0.317	0.450	0.941	0.828	0.576	0.445	0.370
OU3MW-20I	87 Community Road	0.421	0.442	0.421	0.527	0.460	0.475	0.426	0.454	0.492	0.467	0.497	0.465	0.503	2.210	2.910	1.910
OU3MW-20I2	87 Community Road	0.442	0.440	0.374	0.428	0.334	0.297	0.292	0.298	0.317	0.322	0.341	0.377	0.427	0.362	0.293	0.357
Dissolved Oxygen (mg/L)																	
IO-10	OU-3 Community Road	50.0	24.0	26.0	28.0	29.5	32.6	40.8	23.0	21.0	47.2	--	19.0	24.0	17.4	22.0	27.0
MW-34S	OU-3 Community Road	7.6	5.8	0.9	0.6	0.8	0.7	2.3	1.0	0.0	1.6	4.0	5.0	0.0	0.0	1.0	3.0
MW-34I	OU-3 Community Road	33.4	21.0	28.0	26.0	32.6	23.8	40.6	24.0	23.0	33.4	19.0	19.0	27.0	28.0	28.0	26.0
MW-34D	OU-3 Community Road	19.2	23.0	24.0	26.0	33.2	18.0	39.6	24.0	19.0	18.7	11.0	11.0	11.0	23.0	25.0	27.0
MW-46WR	OU-3 Community Road	8.1	1.0	4.0	3.0	5.9	4.8	3.8	0.2	0.2	7.3	2.0	0.0	6.0	4.0	8.0	6.0
MW-70/70S	OU-3 Community Road	21.5	5.0	21.0	7.0	2.4	5.2	3.4	4.0	0.2	1.1	3.0	0.0	5.0	0.8	1.0	2.0
OU3MW-02S	OU-3 Community Road	27.37	--	22.67	--	--	--	--	--	--	--	--	--	--	--	19.63	--
OU3MW-02I	OU-3 Community Road	41.2	--	21.19	--	--	--	--	--	--	--	--	--	--	--	16.14	--
OU3MW-03S	OU-3 Community Road	0.59	--	--	0.41	--	--	--	3.25	--	--	--	--	--	--	1.01	--
OU3MW-03I	OU-3 Community Road	33.4	--	--	47.2	--	--	--	--	--	--	--	--	--	--	21.34	--
OU3MW-04S	OU-3 Community Road	8.50	--	--	0.50	--	--	--	--	--	--	--	--	--	--	6.81	--
OU3MW-04I	OU-3 Community Road	44.00	--	--	19.30	--	--	--	--	--	--	--	--	--	--	19.35	--
OU3MW-04D	OU-3 Community Road	21.23	--	--	27.20	--	--	--	--	--	--	--	--	--	--	5.70	--
OU3MW-04D2	OU-3 Community Road	0.66	--	--	0.68	--	--	--	--	--	--	--	--	--	--	3.68	--
OU3MW-04D3	OU-3 Community Road	0.62	--	--	0.44	--	--	--	--	--	--	--	--	--	--	4.70	--
OU3MW-05S	OU-3 Community Road	--	--	--	1.10	--	--	--	6.63	--	--	--	--	--	--	5.60	--
OU3MW-05I	OU-3 Community Road	--	--	--	20.30	--	--	--	--	--	--	--	--	--	--	12.62	--
OU3MW-07S	OU-3 Community Road	25.0	25.0	25.0	31.0	32.0	29.4	33.7	28.0	24.0	31.0	22.0	21.0	23.0	24.0	25.0	33.0
OU3MW-07I	OU-3 Community Road	38.5	28.0	31.0	27.0	29.0	43.8	45.1	41.0	24.0	46.7	21.0	22.0	27.0	27.0	22.0	23.0
OU3MW-07I2	OU-3 Community Road	39.6	22.0	27.0	29.0	36.0	49.3	50.0	22.0	32.0	50.0	20.0	18.0	23.0	36.7	25.0	21.0
OU3MW-07I3	OU-3 Community Road	34.2	18.0	25.0	31.0	27.0	19.2	33.2	25.0	19.0	39.6	14.0	20.0	23.0	26.0	33.0	23.0
OU3MW-07I4	OU-3 Community Road	--	0.60	--	--	0.40	--	--	0.60	0.33	--	0.70	--	--	--	0.00	--
OU3MW-19S	87 Community Road	3.0	0.7	0.7	0.7	4.0	0.4	1.0	1.0	0.2	0.6	2.0	2.4	0.4	0.0	1.0	8.0
OU3MW-19I	87 Community Road	28.3	25.0	26.0	31.0	28.8	28.1	15.0	25.0	25.0	37.8	13.0	21.0	24.0	22.0	15.0	36.0
OU3MW-19I2	87 Community Road	15.1	21.0	4.0	1.0	0.6	1.4	1.7	2.0	0.4	0.7	2.4	15.0	15.0	7.0	2.0	4.0
OU3MW-20S	87 Community Road	21.1	28.0	30.0	29.0	18.1	21.0	16.2	21.0	23.0	34.5	21.0	25.0	26.0	27.0	23.0	19.0
OU3MW-20I	87 Community Road	30.1	24.0	30.0	35.0	42.2	26.2	32.5	34.0	21.0	>50	19.0	22.0	23.0	30.0	42.0	32.0
OU3MW-20I2	87 Community Road	17.3	21.0	12.0	0.9	0.5	1.1	11.9	0.4	0.2	0.8	0.0	7.0	10.0	10.0	3.9	3.2
Temperature (degrees Celcius)																	
IO-10	OU-3 Community Road	6.30	10.00	15.27	13.52	16.40	21.85	19.63	18.11	16.58	15.62	--	10.50	10.80	12.20	13.06	17.81
MW-34S	OU-3 Community Road	7.28	10.60	13.20	14.40	16.20	24.41	20.93	18.66	15.40	15.61	7.80	8.20	10.20	11.20	11.90	16.00
MW-34I	OU-3 Community Road	10.06	10.80	13.50	14.10	14.50	16.96	18.64	17.61	15.80	17.79	11.60	12.10	12.20	12.60	12.98	14.26
MW-34D	OU-3 Community Road	11.52	11.20	12.30	14.30	13.80	16.07	18.62	14.51	14.60	17.62	11.20	11.90	12.60	12.90	13.20	14.28
MW-46WR	OU-3 Community Road	7.30	11.10	18.35	21.30	22.40	26.57	24.39	17.27	14.47	13.05	10.85	6.90	11.10	15.80	15.81	20.52
MW-70/70S	OU-3 Community Road	7.41	5.00	15.40	17.30	17.90	20.86	21.71	17.80	15.04	14.26	10.40	6.50	10.00	11.60	11.89	18.06
OU3MW-02S	OU-3 Community Road	5.37	--	13.42	--	--	--	--	--	--	--	--	--	--	--	16.65	--
OU3MW-02I	OU-3 Community Road	9.21	--	11.53	--	--	--	--	--	--	--	--	--	--	--	14.85	--
OU3MW-03S	OU-3 Community Road	6.35	--	--	14.18	--	--	--	16.61	--	--	--	--	--	--	16.76	--
OU3MW-03I	OU-3 Community Road	8.78	--	--	12.88	--	--	--	--	--	--	--	--	--	--	15.24	--
OU3MW-04S	OU-3 Community Road	5.19	--	--	13.99	--	--	--	--	--	--	--	--	--	--	14.23	--
OU3MW-04I	OU-3 Community Road	7.87	--	--	13.08	--	--	--	--	--	--	--	--	--	--	14.55	--
OU3MW-04D	OU-3 Community Road	9.01	--	--	13.42	--	--	--	--	--	--	--	--	--	--	15.25	--
OU3MW-04D2	OU-3 Community Road	10.95	--	--	13.67	--	--	--	--	--	--	--	--	--	--	14.48	--
OU3MW-04D3	OU-3 Community Road	10.37	--	--	14.20	--	--	--	--	--	--	--	--	--	--	14.40	--
OU3MW-05S	OU-3 Community Road	--	--	--	14.74	--	--	--	16.94	--	--	--	--	--	--	13.54	--
OU3MW-05I	OU-3 Community Road	--	--	--	13.80	--	--	--	--	--	--	--	--	--	--	14.22	--
OU3MW-07S	OU-3 Community Road	6.54	10.90	13.10	15.90	18.30	20.60	33.72	16.72	14.96	12.60	10.20	8.10	9.70	10.90	12.21	17.48

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		Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
OU3MW-07I	OU-3 Community Road	9.6	10.3	12.2	15.2	16.80	18.1	45.1	15.4	14.5	13.8	11.4	10.9	11.0	11.8	12.0	15.4
OU3MW-07I2	OU-3 Community Road	10.6	11.6	13.0	15.4	16.2	17.9	>50	16.0	14.1	13.7	12.2	11.4	11.2	11.9	15.4	14.7
OU3MW-07I3	OU-3 Community Road	10.4	11.1	12.5	14.7	18.1	17.9	33.2	15.3	14.6	13.5	12.1	11.4	11.2	12.4	15.8	13.9
OU3MW-07I4	OU-3 Community Road	--	12.20	--	--	16.60	--	--	15.12	14.33	--	11.30	--	--	--	15.31	--
OU3MW-19S	87 Community Road	8.0	9.5	15.1	16.8	19.5	17.7	1.0	15.9	13.30	12.4	6.2	8.1	9.4	10.1	12.6	17.1
OU3MW-19I	87 Community Road	12.2	11.3	16.6	16.6	19.1	15.7	15.0	13.9	13.7	13.6	9.3	10.9	11.3	11.2	12.4	16.8
OU3MW-19I2	87 Community Road	11.4	10.8	13.8	16.4	19.7	21.0	1.7	13.0	12.9	13.0	8.1	10.6	12.0	12.0	10.8	17.1
OU3MW-20S	87 Community Road	6.6	8.4	11.6	15.1	17.5	19.2	16.2	16.5	17.0	14.1	11.3	9.0	9.8	12.3	14.9	15.7
OU3MW-20I	87 Community Road	9.8	10.5	12.4	14.0	16.4	15.4	32.5	14.6	15.9	14.1	12.0	11.7	11.1	12.3	16.1	15.4
OU3MW-20I2	87 Community Road	10.8	11.2	12.9	14.4	17.1	15.8	11.9	14.1	14.6	13.5	11.6	11.0	11.1	11.9	15.6	15.5
Oxidation Reduction Potential (mV)																	
IO-10	OU-3 Community Road	240	196	207	247	154	165	209	75	155	168	--	158	164	187	121	160
MW-34S	OU-3 Community Road	61	63	-49	-62	-38	1	14	6	-27	46	123	170	23	13	-4	-46
MW-34I	OU-3 Community Road	238	257	224	178	176	257	102	61	184	114	181	198	166	196	153	222
MW-34D	OU-3 Community Road	221	299	239	187	184	283	172	189	209	139	181	182	135	209	159	170
MW-46WR	OU-3 Community Road	66	-14	127	-9	-5	30	39	0	72	82	85	53	69	38	68	25
MW-70/70S	OU-3 Community Road	131	89	50	115	51	73	94	95	86	119	51	50	59	101	62	3
OU3MW-02S	OU-3 Community Road	253	--	206	--	--	--	--	--	--	--	--	--	--	--	90	--
OU3MW-02I	OU-3 Community Road	267	--	240	--	--	--	--	--	--	--	--	--	--	--	190	--
OU3MW-03S	OU-3 Community Road	87	--	--	-5	--	--	--	-34	--	--	--	--	--	--	31	--
OU3MW-03I	OU-3 Community Road	260	--	--	176	--	--	--	--	--	--	--	--	--	--	134	--
OU3MW-04S	OU-3 Community Road	159	--	--	48	--	--	--	--	--	--	--	--	--	--	15	--
OU3MW-04I	OU-3 Community Road	306	--	--	252	--	--	--	--	--	--	--	--	--	--	147	--
OU3MW-04D	OU-3 Community Road	262	--	--	273	--	--	--	--	--	--	--	--	--	--	154	--
OU3MW-04D2	OU-3 Community Road	248	--	--	83	--	--	--	--	--	--	--	--	--	--	124	--
OU3MW-04D3	OU-3 Community Road	164	--	--	192	--	--	--	--	--	--	--	--	--	--	124	--
OU3MW-05S	OU-3 Community Road	--	--	--	180	--	--	--	-34	--	--	--	--	--	--	-21	--
OU3MW-05I	OU-3 Community Road	--	--	--	246	--	--	--	--	--	--	--	--	--	--	235	--
OU3MW-07S	OU-3 Community Road	212	168	180	202	165	211	208	78	99	121	184	79	176	217	138	204
OU3MW-07I	OU-3 Community Road	200	250	247	191	155	229	209	136	182	210	182	196	230	204	178	200
OU3MW-07I2	OU-3 Community Road	257	252	248	182	185	226	222	271	205	216	228	200	242	205	275	279
OU3MW-07I3	OU-3 Community Road	247	253	228	157	165	218	234	268	284	208	206	188	250	194	281	267
OU3MW-07I4	OU-3 Community Road	--	172	--	--	124	--	--	262	269	--	163	--	--	--	239	--
OU3MW-19S	87 Community Road	118	-27	-82	-66	-106	-160	-5	54	-10	-42	-18	-24	28	16	15	26
OU3MW-19I	87 Community Road	285	186	226	156	210	129	72	180	193	200	182	200	239	205	135	165
OU3MW-19I2	87 Community Road	302	280	168	124	185	176	100	158	188	163	123	175	253	208	160	180
OU3MW-20S	87 Community Road	279	210	176	145	125	135	139	177	312	242	213	241	242	224	271	180
OU3MW-20I	87 Community Road	279	239	225	148	157	248	150	146	289	199	186	204	205	190	310	196
OU3MW-20I2	87 Community Road	275	234	224	130	114	185	157	142	247	161	117	243	189	212	318	239

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Well ID	Oxygen Injection System	2016						2017						Baseline Average	Historical Average	Q3 2016 - Q2 2017 Average
		Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17			
pH (SU)																
IO-10	OU-3 Community Road	5.76	6.24	--		6.27	--	--	6.53	--	--	6.59	--	**6.27**	**6.21**	**6.28**
MW-34S	OU-3 Community Road	5.36	5.82	--		5.82	--	--	6.36	--	--	6.34	--	**6.25**	**5.95**	**5.94**
MW-34I	OU-3 Community Road	5.72	6.02	--		6.46	--	--	6.82	--	--	6.74	--	**6.34**	**6.14**	**6.35**
MW-34D	OU-3 Community Road	5.44	5.91	--		5.88	--	--	6.19	--	--	6.14	--	**5.97**	**5.80**	**5.91**
MW-46WR	OU-3 Community Road	4.82	5.43	--		5.56	--	--	5.96	--	--	6.01	--	**6.03**	**5.77**	**5.56**
MW-70/70S	OU-3 Community Road	4.90	5.09	--		5.63	--	--	5.78	--	--	5.76	--	**6.07**	**5.88**	**5.43**
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**5.80**	**5.80**	**NA**
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**5.90**	**5.56**	**NA**
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**6.34**	**6.16**	**NA**
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**7.53**	**5.94**	**NA**
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**7.31**	**6.04**	**NA**
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**6.57**	**5.89**	**NA**
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**5.92**	**5.90**	**NA**
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**NS**	**6.00**	**NA**
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**NS**	**5.62**	**NA**
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**6.51**	**6.00**	**NA**
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**5.58**	**5.74**	**NA**
OU3MW-07S	OU-3 Community Road	5.51	5.96	--	--	5.95	--	--	6.11	--	--	5.86	--	**5.60**	**5.64**	**5.88**
OU3MW-07I	OU-3 Community Road	5.91	6.36	--	--	6.31	--	--	6.55	--	--	6.56	--	**6.26**	**6.08**	**6.34**
OU3MW-07I2	OU-3 Community Road	6.11	6.05	--	--	6.15	--	--	6.37	--	--	6.43	--	**5.86**	**6.02**	**6.22**
OU3MW-07I3	OU-3 Community Road	5.98	5.99	--	--	5.86	--	--	6.18	--	--	6.02	--	**NS**	**5.83**	**6.01**
OU3MW-07I4	OU-3 Community Road	5.80	--	--	--	--	5.75	--	6.12	--	--	6.13	--	**NS**	**5.56**	**5.95**
OU3MW-19S	87 Community Road	4.98	5.51	--	--	6.10	--	--	6.22	--	--	6.01	--	**6.22**	**5.62**	**5.76**
OU3MW-19I	87 Community Road	5.85	6.07	--	--	6.19	--	--	6.35	--	--	6.00	--	**6.73**	**5.91**	**6.09**
OU3MW-19I2	87 Community Road	5.47	5.84	--	--	6.03	--	--	6.28	--	--	6.15	--	**5.95**	**5.60**	**5.95**
OU3MW-20S	87 Community Road	4.86	4.94	--	--	5.26	--	--	5.66	--	5.10	--	--	**5.90**	**5.15**	**5.16**
OU3MW-20I	87 Community Road	5.92	6.12	--	--	6.17	--	--	6.53	--	6.04	--	--	**6.62**	**5.98**	**6.16**
OU3MW-20I2	87 Community Road	5.32	5.71	--	--	5.73	--	--	6.03	--	5.58	--	--	**5.89**	**5.48**	**5.67**
Conductivity (mS/cm)																
IO-10	OU-3 Community Road	0.425	0.486	--	--	0.459	--	--	0.600	--	--	0.405	--	**0.413**	**0.497**	**0.48**
MW-34S	OU-3 Community Road	0.896	1.17	--	--	0.845	--	--	1.440	--	--	0.545	--	**0.643**	**0.751**	**0.98**
MW-34I	OU-3 Community Road	1.04	0.532	--	--	0.413	--	--	0.406	--	--	0.394	--	**0.409**	**0.463**	**0.56**
MW-34D	OU-3 Community Road	0.296	0.410	--	--	0.365	--	--	0.362	--	--	0.279	--	**0.295**	**0.586**	**0.34**
MW-46WR	OU-3 Community Road	0.551	0.981	--	--	0.776	--	--	0.856	--	--	0.550	--	**0.792**	**0.980**	**0.74**
MW-70/70S	OU-3 Community Road	0.610	1.10	--	--	1.000	--	--	0.558	--	--	0.431	--	**0.485**	**0.666**	**0.74**
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.646**	**1.034**	**NA**
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.220**	**0.252**	**NA**
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.712**	**0.647**	**NA**
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.426**	**0.413**	**NA**
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.684**	**0.731**	**NA**
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.389**	**0.517**	**NA**
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.351**	**0.375**	**NA**
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**NS**	**0.392**	**NA**
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**NS**	**0.388**	**NA**
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.633**	**0.584**	**NA**
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.420**	**0.457**	**NA**
OU3MW-07S	OU-3 Community Road	0.280	0.450	--	--	0.691	--	--	0.658	--	--	0.727	--	**0.235**	**0.373**	**0.56**
OU3MW-07I	OU-3 Community Road	0.736	1.74	--	--	0.782	--	--	1.340	--	--	0.567	--	**0.355**	**0.399**	**1.03**
OU3MW-07I2	OU-3 Community Road	2.260	1.55	--	--	0.666	--	--	0.825	--	--	0.679	--	**0.275**	**0.401**	**1.20**
OU3MW-07I3	OU-3 Community Road	0.374	0.511	--	--	0.369	--	--	0.485	--	--	0.365	--	**NS**	**0.366**	**0.42**
OU3MW-07I4	OU-3 Community Road	0.34	--	--	--	--	0.456	--	0.407	--	--	0.299	--	**NS**	**0.359**	**0.37**
OU3MW-19S	87 Community Road	0.302	0.453	--	--	0.445	--	--	0.533	--	--	0.608	--	**0.448**	**0.598**	**0.47**

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Bay Shore/Brightwaters Former MGP Site

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		Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17			
OU3MW-19I	87 Community Road	0.295	0.382	--	--	0.325	--	--	0.270	--	--	0.400	--	**0.384**	**0.386**	**0.33**
OU3MW-19I2	87 Community Road	0.317	0.447	--	--	0.398	--	--	0.378	--	--	0.254	--	**0.350**	**0.365**	**0.36**
OU3MW-20S	87 Community Road	0.335	0.474	--	--	0.442	--	--	0.813	--	1.970	--	--	**0.313**	**0.487**	**0.81**
OU3MW-20I	87 Community Road	0.731	0.595	--	--	0.629	--	--	0.827	--	1.110	--	--	**0.599**	**0.618**	**0.78**
OU3MW-20I2	87 Community Road	0.298	0.390	--	--	0.340	--	--	0.66	--	0.88	--	--	**0.355**	**0.358**	**0.51**
Dissolved Oxygen (mg/L)																
IO-10	OU-3 Community Road	30.0	23.0	--	--	24.0	--	--	16.0		--	30.0	--	**20.4**	**16.6**	**24.60**
MW-34S	OU-3 Community Road	1.0	0.2	--	--	1.5	--	--	4.0	--	--	0.0	--	**0.2**	**1.0**	**1.33**
MW-34I	OU-3 Community Road	5.0	23.0	--	--	37.0	--	--	23.0	--	--	29.0	--	**0.9**	**16.1**	**23.40**
MW-34D	OU-3 Community Road	23.0	21.0	--	--	6.0	--	--	6.0	--	--	6.0	--	**0.2**	**6.5**	**12.40**
MW-46WR	OU-3 Community Road	3.0	0.2	--	--	4.0	--	--	3.0	--	--	7.0	--	**8.7**	**1.8**	**3.44**
MW-70/70S	OU-3 Community Road	2.0	0.4	--	--	1.0	--	--	4.0	--	--	4.0	--	**21.6**	**2.5**	**2.28**
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**22.0**	**23.5**	**NA**
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.0**	**27.3**	**NA**
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.3**	**1.3**	**NA**
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.0**	**7.0**	**NA**
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.0**	**2.1**	**NA**
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**4.0**	**18.3**	**NA**
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**0.0**	**6.1**	**NA**
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**NS**	**1.8**	**NA**
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**NS**	**1.0**	**NA**
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**15.8**	**3.7**	**NA**
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**9.9**	**13.3**	**NA**
OU3MW-07S	OU-3 Community Road	31.0	32.0	--	--	22.0	--	--	19.0	--	--	28.0	--	**3.0**	**19.2**	**26.40**
OU3MW-07I	OU-3 Community Road	41.0	32.0	--	--	21.0	--	--	21.0	--	--	31.0	--	**3.2**	**28.3**	**29.20**
OU3MW-07I2	OU-3 Community Road	30.0	40.0	--	--	22.0	--	--	16.0	--	--	36.0	--	**3.3**	**22.5**	**28.80**
OU3MW-07I3	OU-3 Community Road	32.0	26.0	--	--	23.0	--	--	15.0	--	--	14.0	--	**NS**	**23.7**	**22.00**
OU3MW-07I4	OU-3 Community Road	4.57	--	--	--	--	3.9	--	2.0	--	--	0.0	--	**NS**	**0.6**	**2.62**
OU3MW-19S	87 Community Road	9.0	5.0	--	--	2.7	--	--	5.0	--	--	10.0	--	**2.0**	**1.5**	**6.34**
OU3MW-19I	87 Community Road	31.0	28.0	--	--	26.0	--	--	21.0	--	--	31.0	--	**4.0**	**19.2**	**27.40**
OU3MW-19I2	87 Community Road	1.0	2.0	--	--	2.0	--	--	0.6	--	--	11.0	--	**2.0**	**5.7**	**3.32**
OU3MW-20S	87 Community Road	26.0	27.0	--	--	21.0	--	--	28.0	--	19.0	--	--	**15.0**	**23.6**	**24.20**
OU3MW-20I	87 Community Road	39.0	39.0	--	--	28.0	--	--	33.0	--	19.0	--	--	**2.0**	**24.3**	**31.60**
OU3MW-20I2	87 Community Road	1.0	1.0	--	--	2.0	--	--	2.0	--	6.0	--	--	**2.0**	**5.1**	**2.40**
Temperature (degrees Celcius)																
IO-10	OU-3 Community Road	20.37	17.35	--	--	15.50	--	--	8.89	--	--	12.08	--	**14.9**	**15.6**	**14.84**
MW-34S	OU-3 Community Road	20.84	19.33	--	--	17.30	--	--	8.38	--	--	11.42	--	**13.9**	**14.9**	**15.45**
MW-34I	OU-3 Community Road	19.67	16.45	--	--	16.64	--	--	13.38	--	--	10.92	--	**14.3**	**14.8**	**15.41**
MW-34D	OU-3 Community Road	20.18	15.72	--	--	15.75	--	--	12.01	--	--	12.02	--	**14.3**	**14.6**	**15.14**
MW-46WR	OU-3 Community Road	23.61	23.97	--	--	14.89	--	--	8.06	--	--	14.37	--	**15.5**	**16.8**	**16.98**
MW-70/70S	OU-3 Community Road	20.60	19.06	--	--	16.68	--	--	8.56	--	--	11.40	--	**13.8**	**15.1**	**15.26**
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**13.9**	**14.2**	**NA**
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**13.9**	**13.8**	**NA**
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**13.6**	**16.0**	**NA**
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**11.8**	**15.4**	**NA**
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**13.2**	**14.8**	**NA**
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**13.8**	**15.0**	**NA**
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**9.9**	**14.9**	**NA**
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**NS**	**14.3**	**NA**
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**NS**	**14.2**	**NA**
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**14.4**	**14.7**	**NA**
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**14.9**	**14.6**	**NA**
OU3MW-07S	OU-3 Community Road	19.17	20.38	--	--	15.75	--	--	8.78	--	--	12.99	--	**9.7**	**14.8**	**15.41**

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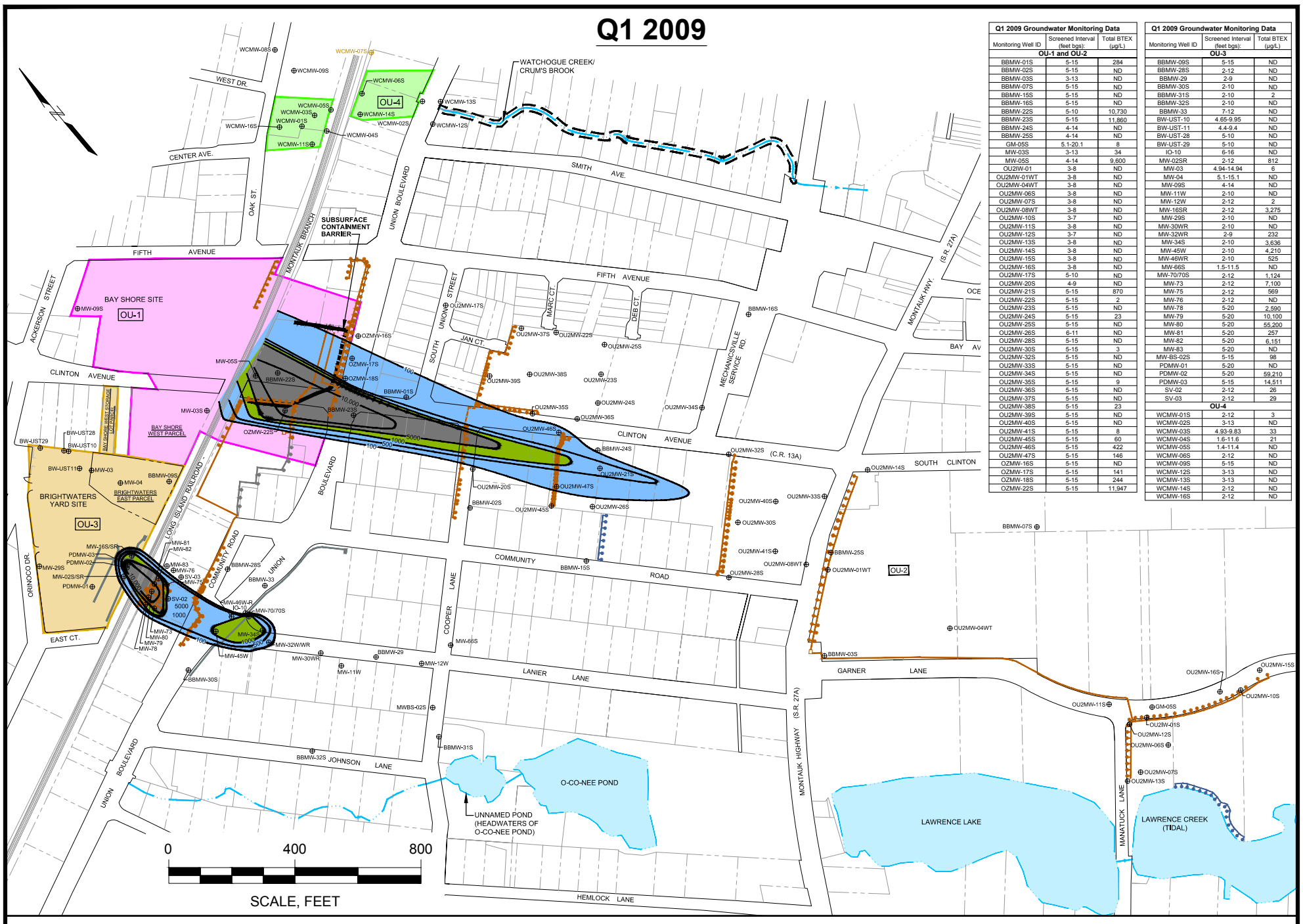
Well ID	Oxygen Injection System	2016						2017						Baseline Average	Historical Average	Q3 2016 - Q2 2017 Average
		Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17			
OU3MW-07I	OU-3 Community Road	16.1	19.5	--	--	15.36	--	--	11.28	--	--	13.80	--	**11.1**	**15.1**	**15.20**
OU3MW-07I2	OU-3 Community Road	16.1	20.6	--	--	14.71	--	--	12.55	--	--	13.75	--	**12.0**	**14.6**	**15.53**
OU3MW-07I3	OU-3 Community Road	16.4	18.9	--	--	18.40	--	--	12.76	--	--	12.85	--	**NS**	**14.9**	**15.86**
OU3MW-07I4	OU-3 Community Road	15.71	--	--	--	--	12.21	--	12.58	--	--	14.21	--	**NS**	**13.8**	**13.68**
OU3MW-19S	87 Community Road	22.3	21.1	--	--	14.30	--	--	9.65	--	--	12.94	--	**18.0**	**13.3**	**16.06**
OU3MW-19I	87 Community Road	19.6	19.1	--	--	14.83	--	--	12.11	--	--	13.32	--	**15.7**	**14.2**	**15.78**
OU3MW-19I2	87 Community Road	20.4	19.2	--	--	14.14	--	--	12.55	--	--	14.18	--	**14.9**	**13.7**	**16.09**
OU3MW-20S	87 Community Road	18.9	20.7	--	--	18.05	--	--	10.62	--	11.63	--	--	**19.2**	**14.4**	**15.98**
OU3MW-20I	87 Community Road	17.0	19.8	--	--	14.70	--	--	13.02	--	13.00	--	--	**16.7**	**14.7**	**15.51**
OU3MW-20I2	87 Community Road	17.8	18.9	--	--	14.84	--	--	12.93	--	13.97	--	--	**16.1**	**13.9**	**15.68**
Oxidation Reduction Potential (mV)																
IO-10	OU-3 Community Road	164	193	--	--	183	--	--	241	--	--	198	--	**47**	**85**	**196**
MW-34S	OU-3 Community Road	-65	-57	--	--	-25	--	--	162	--	--	0	--	**-117**	**-22**	**3**
MW-34I	OU-3 Community Road	150	194	--	--	231	--	--	216	--	--	242	--	**-78**	**106**	**207**
MW-34D	OU-3 Community Road	203	207	--	--	205	--	--	224	--	--	263	--	**86**	**96**	**220**
MW-46WR	OU-3 Community Road	26	16	--	--	6	--	--	-18	--	--	64	--	**-65**	**-44**	**19**
MW-70/70S	OU-3 Community Road	-4	25	--	--	-46	--	--	-70	--	--	44	--	**-8**	**-38**	**-10**
OU3MW-02S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**240**	**178**	**NA**
OU3MW-02I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**133**	**227**	**NA**
OU3MW-03S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**-32**	**-60**	**NA**
OU3MW-03I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**-31**	**-10**	**NA**
OU3MW-04S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**-105**	**-21**	**NA**
OU3MW-04I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**-38**	**101**	**NA**
OU3MW-04D	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**146**	**120**	**NA**
OU3MW-04D2	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**NS**	**137**	**NA**
OU3MW-04D3	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**NS**	**132**	**NA**
OU3MW-05S	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**100**	**75**	**NA**
OU3MW-05I	OU-3 Community Road	--	--	--	--	--	--	--	--	--	--	--	--	**113**	**140**	**NA**
OU3MW-07S	OU-3 Community Road	205	241	--	--	102	--	--	170	--	--	180	--	**-139**	**92**	**180**
OU3MW-07I	OU-3 Community Road	208	303	--	--	167	--	--	242	--	--	287	--	**-56**	**184**	**241**
OU3MW-07I2	OU-3 Community Road	308	301	--	--	193	--	--	268	--	--	285	--	**18**	**164**	**271**
OU3MW-07I3	OU-3 Community Road	354	297	--	--	207	--	--	295	--	--	271	--	**NS**	**213**	**285**
OU3MW-07I4	OU-3 Community Road	127	--	--	--	--	167	--	188	--	--	184	--	**NS**	**167**	**167**
OU3MW-19S	87 Community Road	39	20	--	--	-43	--	--	-135	--	--	51	--	**-60**	**-23**	**-14**
OU3MW-19I	87 Community Road	178	311	--	--	158	--	--	219	--	--	270	--	**-92**	**141**	**227**
OU3MW-19I2	87 Community Road	189	194	--	--	131	--	--	114	--	--	291	--	**88**	**161**	**184**
OU3MW-20S	87 Community Road	204	204	--	--	170	--	--	149	--	178	--	--	**97**	**173**	**181**
OU3MW-20I	87 Community Road	194	252	--	--	155	--	--	208	--	210	--	--	**-112**	**161**	**204**
OU3MW-20I2	87 Community Road	236	207	--	--	150	--	--	162	--	193	--	--	**80**	**166**	**190**

Note:
For wells IO-10 through MWBS-02D the baseline average does not reflect data from before a system was turned on, but data from when the OU-3 Union Boulevard System was in operation.

Q1 2009

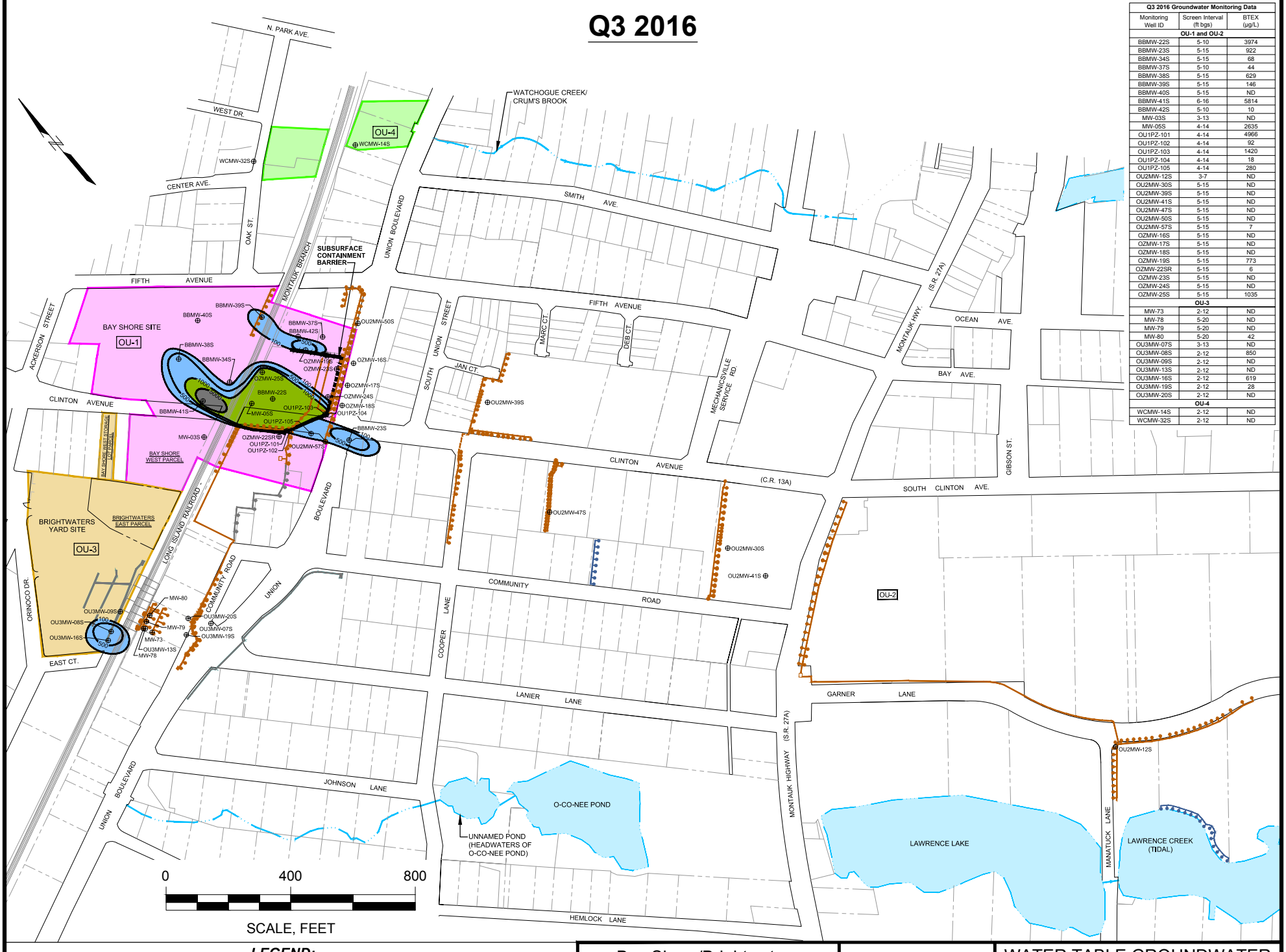
Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
BBMW-01S	5-15	284
BBMW-02S	5-15	ND
BBMW-03S	3-13	ND
BBMW-07S	5-15	ND
BBMW-15S	5-15	ND
BBMW-16S	5-15	ND
BBMW-22S	5-10	10,730
BBMW-23S	5-15	11,860
BBMW-24S	4-14	ND
BBMW-25S	4-14	ND
GM-05S	5.1-20.1	8
MW-03S	3-13	34
MW-05S	4-14	9,600
OU2IW-01	3-8	ND
OU2MW-01WT	3-8	ND
OU2MW-04WT	3-8	ND
OU2MW-06S	3-8	ND
OU2MW-07S	3-8	ND
OU2MW-08WT	3-8	ND
OU2MW-10S	3-7	ND
OU2MW-11S	3-8	ND
OU2MW-12S	3-7	ND
OU2MW-13S	3-8	ND
OU2MW-14S	3-8	ND
OU2MW-15S	3-8	ND
OU2MW-16S	3-8	ND
OU2MW-17S	5-10	ND
OU2MW-20S	4-9	ND
OU2MW-21S	5-15	870
OU2MW-22S	5-15	2
OU2MW-23S	5-15	ND
OU2MW-24S	5-15	23
OU2MW-25S	5-15	ND
OU2MW-26S	6-11	ND
OU2MW-28S	5-15	ND
OU2MW-30S	5-15	3
OU2MW-32S	5-15	ND
OU2MW-33S	5-15	ND
OU2MW-34S	5-15	ND
OU2MW-35S	5-15	9
OU2MW-36S	5-15	ND
OU2MW-37S	5-15	ND
OU2MW-38S	5-15	23
OU2MW-39S	5-15	ND
OU2MW-40S	5-15	ND
OU2MW-41S	5-15	8
OU2MW-45S	5-15	60
OU2MW-46S	5-15	422
OU2MW-47S	5-15	146
OZMW-16S	5-15	ND
OZMW-17S	5-15	141
OZMW-18S	5-15	244
OZMW-22S	5-15	11,947

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-3		
BBMW-09S	5-15	ND
BBMW-28S	2-12	ND
BBMW-29	2-9	ND
BBMW-30S	2-10	ND
BBMW-31S	2-10	2
BBMW-32S	2-10	ND
BBMW-33	7-12	ND
BW-UST-10	4.65-9.95	ND
BW-UST-11	4.4-9.4	ND
BW-UST-28	5-10	ND
BW-UST-29	5-10	ND
IO-10	6-16	ND
MW-02SR	2-12	812
MW-03	4.94-14.94	6
MW-04	5.1-15.1	ND
MW-09S	4-14	ND
MW-11W	2-10	ND
MW-12W	2-12	2
MW-16SR	2-12	3,275
MW-29S	2-10	ND
MW-30WR	2-10	ND
MW-32WR	2-9	232
MW-34S	2-10	3,636
MW-45W	2-10	4,210
MW-46WR	2-10	525
MW-66S	1.5-11.5	ND
MW-70/70S	2-12	1,124
MW-73	2-12	7,100
MW-75	2-12	569
MW-76	2-12	ND
MW-78	5-20	2,590
MW-79	5-20	10,100
MW-80	5-20	55,200
MW-81	5-20	257
MW-82	5-20	6,151
MW-83	5-20	ND
MW-BS-02S	5-15	98
PDMW-01	5-20	ND
PDMW-02	5-20	59,210
PDMW-03	5-15	14,511
SV-02	2-12	26
SV-03	2-12	29
OU-4		
WCMW-01S	2-12	3
WCMW-02S	3-13	ND
WCMW-03S	4.93-9.83	33
WCMW-04S	1.6-11.6	21
WCMW-05S	1.4-11.4	ND
WCMW-06S	2-12	ND
WCMW-09S	5-15	ND
WCMW-12S	3-13	ND
WCMW-13S	3-13	ND
WCMW-14S	2-12	ND
WCMW-16S	2-12	ND



Q3 2016

Q3 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2		
BBMW-22S	5-10	3974
BBMW-23S	5-15	922
BBMW-34S	5-15	68
BBMW-37S	5-10	44
BBMW-38S	5-15	629
BBMW-39S	5-15	146
BBMW-40S	5-15	ND
BBMW-41S	6-16	5814
BBMW-42S	5-10	10
MW-03S	3-13	ND
MW-05S	4-14	2635
OU1PZ-101	4-14	4966
OU1PZ-102	4-14	92
OU1PZ-103	4-14	1420
OU1PZ-104	4-14	18
OU1PZ-105	4-14	280
OU2MW-12S	3-7	ND
OU2MW-30S	5-15	ND
OU2MW-39S	5-15	ND
OU2MW-41S	5-15	ND
OU2MW-47S	5-15	ND
OU2MW-50S	5-15	ND
OU2MW-57S	5-15	7
OZMW-16S	5-15	ND
OZMW-17S	5-15	ND
OZMW-18S	5-15	ND
OZMW-19S	5-15	773
OZMW-22SR	5-15	6
OZMW-23S	5-15	ND
OZMW-24S	5-15	ND
OZMW-25S	5-15	1035
OU-3		
MW-73	2-12	ND
MW-78	5-20	ND
MW-79	5-20	ND
MW-80	5-20	42
OU3MW-07S	3-13	ND
OU3MW-08S	2-12	850
OU3MW-09S	2-12	ND
OU3MW-13S	2-12	ND
OU3MW-16S	2-12	619
OU3MW-19S	2-12	28
OU3MW-20S	2-12	ND
OU-4		
WCMW-14S	2-12	ND
WCMW-32S	2-12	ND



LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- BTEX ≧100 µg/L
- BTEX ≧1,000 µg/L
- BTEX ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- BTEX — BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

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WATER TABLE GROUNDWATER
TOTAL BTEX
ISO-CONCENTRATION MAPS
(0-10 FEET BGS)

March 2017 — Fig. 3

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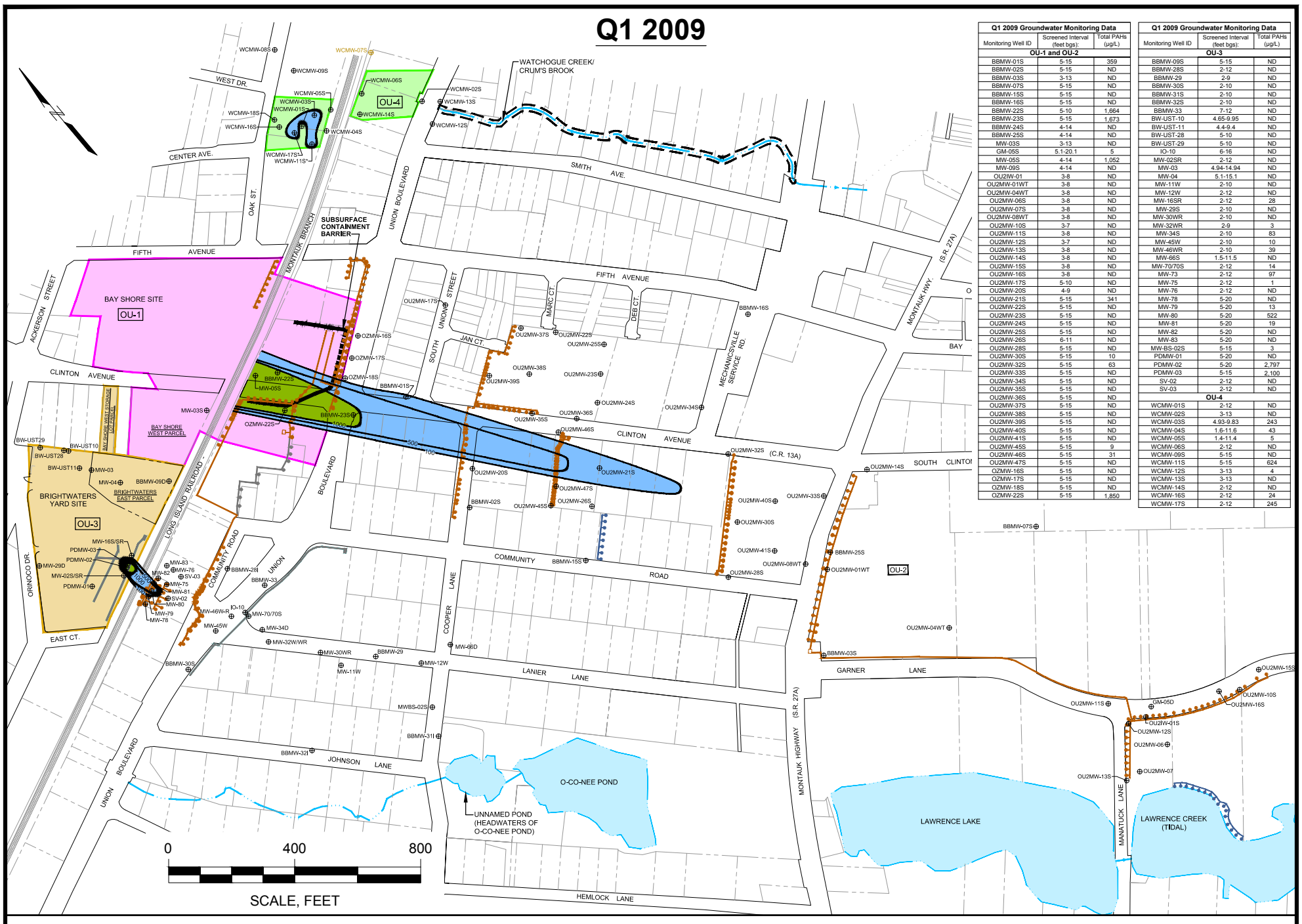
Q1 2009



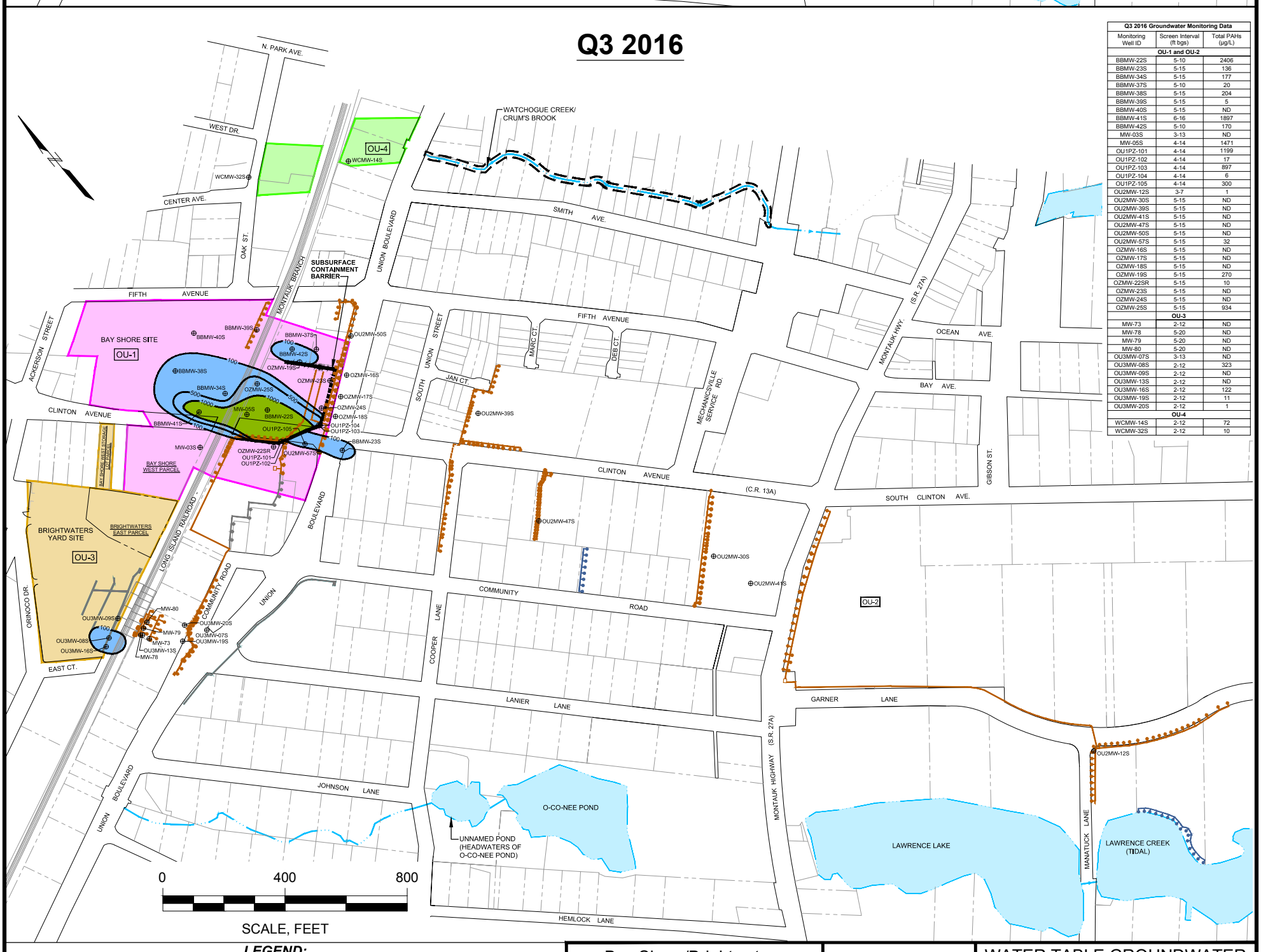
Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01S	5-15	359
BBMW-02S	5-15	ND
BBMW-03S	3-13	ND
BBMW-07S	5-15	ND
BBMW-15S	5-15	ND
BBMW-16S	5-15	ND
BBMW-22S	5-10	1,664
BBMW-23S	5-15	1,673
BBMW-24S	4-14	ND
BBMW-25S	4-14	ND
MW-03S	3-13	ND
GM-05S	5.1-20.1	5
MW-05S	4-14	1,052
MW-09S	4-14	ND
OU2IW-01	3-8	ND
OU2MW-01WT	3-8	ND
OU2MW-04WT	3-8	ND
OU2MW-06S	3-8	ND
OU2MW-07S	3-8	ND
OU2MW-08WT	3-8	ND
OU2MW-10S	3-7	ND
OU2MW-11S	3-8	ND
OU2MW-12S	3-7	ND
OU2MW-13S	3-8	ND
OU2MW-14S	3-8	ND
OU2MW-15S	3-8	ND
OU2MW-16S	3-8	ND
OU2MW-17S	5-10	ND
OU2MW-20S	4-9	ND
OU2MW-21S	5-15	341
OU2MW-22S	5-15	ND
OU2MW-23S	5-15	ND
OU2MW-24S	5-15	ND
OU2MW-25S	5-15	ND
OU2MW-26S	6-11	ND
OU2MW-28S	5-15	ND
OU2MW-30S	5-15	10
OU2MW-32S	5-15	63
OU2MW-33S	5-15	ND
OU2MW-34S	5-15	ND
OU2MW-35S	5-15	ND
OU2MW-36S	5-15	ND
OU2MW-37S	5-15	ND
OU2MW-38S	5-15	ND
OU2MW-39S	5-15	ND
OU2MW-40S	5-15	ND
OU2MW-41S	5-15	ND
OU2MW-45S	5-15	9
OU2MW-46S	5-15	31
OU2MW-47S	5-15	ND
OZMW-16S	5-15	ND
OZMW-17S	5-15	ND
OZMW-18S	5-15	ND
OZMW-22S	5-15	1,850

Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-3		
BBMW-09S	5-15	ND
BBMW-28S	2-12	ND
BBMW-29	2-9	ND
BBMW-30S	2-10	ND
BBMW-31S	2-10	ND
BBMW-32S	2-10	ND
BBMW-33	7-12	ND
BW-UST-10	4.65-9.95	ND
BW-UST-11	4.4-9.4	ND
BW-UST-28	5-10	ND
BW-UST-29	5-10	ND
IO-10	6-16	ND
MW-02SR	2-12	ND
MW-03	4.94-14.94	ND
MW-04	5.1-15.1	ND
MW-11W	2-10	ND
MW-12W	2-12	ND
MW-16SR	2-12	28
MW-29S	2-10	ND
MW-30WR	2-10	ND
MW-32WR	2-9	3
MW-34S	2-10	83
MW-45W	2-10	10
MW-46WR	2-10	39
MW-66S	1.5-11.5	ND
MW-70/70S	2-12	14
MW-73	2-12	97
MW-75	2-12	1
MW-76	2-12	ND
MW-78	5-20	ND
MW-79	5-20	13
MW-80	5-20	522
MW-81	5-20	19
MW-82	5-20	ND
MW-83	5-20	ND
MW-BS-02S	5-15	3
PDMW-01	5-20	ND
PDMW-02	5-20	2,797
PDMW-03	5-15	2,100
SV-02	2-12	ND
SV-03	2-12	ND
OU-4		
WCMW-01S	2-12	ND
WCMW-02S	3-13	ND
WCMW-03S	4.93-9.83	243
WCMW-04S	1.6-11.6	43
WCMW-05S	1.4-11.4	5
WCMW-06S	2-12	ND
WCMW-09S	5-15	ND
WCMW-11S	5-15	624
WCMW-12S	3-13	4
WCMW-13S	3-13	ND
WCMW-14S	2-12	ND
WCMW-16S	2-12	24
WCMW-17S	2-12	245

Q3 2016



Q3 2016 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-22S	5-10	2406
BBMW-23S	5-15	136
BBMW-34S	5-15	177
BBMW-37S	5-10	20
BBMW-38S	5-15	204
BBMW-39S	5-15	5
BBMW-40S	5-15	ND
BBMW-41S	6-16	1897
BBMW-42S	5-10	170
MW-03S	3-13	ND
MW-05S	4-14	1471
OU1PZ-101	4-14	1199
OU1PZ-102	4-14	17
OU1PZ-103	4-14	897
OU1PZ-104	4-14	6
OU1PZ-105	4-14	300
OU2MW-12S	3-7	1
OU2MW-30S	5-15	ND
OU2MW-39S	5-15	ND
OU2MW-41S	5-15	ND
OU2MW-47S	5-15	ND
OU2MW-50S	5-15	ND
OU2MW-57S	5-15	32
OZMW-16S	5-15	ND
OZMW-17S	5-15	ND
OZMW-18S	5-15	ND
OZMW-19S	5-15	270
OZMW-22SR	5-15	10
OZMW-23S	5-15	ND
OZMW-24S	5-15	ND
OZMW-25S	5-15	934
	OU-3	
MW-73	2-12	ND
MW-78	5-20	ND
MW-79	5-20	ND
MW-80	5-20	ND
OU3MW-07S	3-13	ND
OU3MW-08S	2-12	323
OU3MW-09S	2-12	ND
OU3MW-13S	2-12	ND
OU3MW-16S	2-12	122
OU3MW-19S	2-12	11
OU3MW-20S	2-12	1
	OU-4	
WCMW-14S	2-12	72
WCMW-32S	2-12	10

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- PAH — POLYCYCLIC AROMATIC HYDROCARBONS
- TOTAL PAH ≧100 µg/L
- TOTAL PAH ≧1,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

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WATER TABLE GROUNDWATER
PAH ISO-CONCENTRATION
MAPS
(0-10 FEET BGS)

March 2017 — Fig. 4

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Q1 2009

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
BBMW-01I	32-42	47
BBMW-02I	30-40	ND
BBMW-03I	30-40	ND
BBMW-07I	30-40	ND
BBMW-15I	23-28	146
BBMW-15I2	35-45	ND
BBMW-16I	35-45	ND
BBMW-20I	35-45	8
BBMW-22I	30-40	43
BBMW-23I	33-43	ND
BBMW-24I	32-42	10
BBMW-25I	25-35	469
GM-05I	35.05-48.05	ND
GMP-01	25-30	762
GMP-02	28-23	ND
GMP-04	15.5-20.5	ND
MW-03D	35-45	ND
MW-05D	35.5-45.5	26
MW-09I	30-40	ND
OU2MW-01I	35-40	2
OU2MW-01S	20-25	69
OU2MW-02I	35-40	370
OU2MW-02S	20-25	5
OU2MW-03I	35-40	366
OU2MW-03S	20-25	30
OU2MW-04I	35-40	97
OU2MW-04S	20-25	841
OU2MW-05	25-35	466
OU2MW-06	15-25	ND
OU2MW-07	15-25	ND
OU2MW-08I	35-40	46
OU2MW-08S	20-25	1,078
OU2MW-09	20-30	ND
OU2MW-10I	35-40	78
OU2MW-11D	40-45	8
OU2MW-11I	20-25	170
OU2MW-11I2	30-35	98

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
OU2MW-12D	40-45	ND
OU2MW-12I	20-25	107
OU2MW-12I2	30-35	53
OU2MW-13D	35-40	34
OU2MW-13I	20-25	13
OU2MW-14I	20-25	ND
OU2MW-14I2	45-50	ND
OU2MW-15D	40-45	ND
OU2MW-15I	20-25	ND
OU2MW-15I2	30-35	ND
OU2MW-16D	35-40	ND
OU2MW-16I	15-20	ND
OU2MW-16I2	25-30	ND
OU2MW-17I	13-23	80
OU2MW-17I2	35-40	ND
OU2MW-18I	13-23	28,040
OU2MW-18I2	35-45	ND
OU2MW-19I	13-23	82
OU2MW-19I2	35-45	103
OU2MW-20I	13-23	819
OU2MW-20I2	35-45	ND
OU2MW-21I	13-23	4,930
OU2MW-21I2	35-45	479
OU2MW-22I	25-30	125
OU2MW-22I2	46-51	ND
OU2MW-23I	25-30	157
OU2MW-23I2	45-50	ND
OU2MW-24I	25-30	2,153
OU2MW-24I2	45-50	ND
OU2MW-25I	25-30	276
OU2MW-25I2	45-50	ND
OU2MW-26I	13-23	287
OU2MW-26I2	35-45	1,559
OU2MW-28I	28-33	93
OU2MW-28I2	40-45	1
OU2MW-29D	45-50	359
OU2MW-29I	18-23	1,122
OU2MW-29I2	30-35	87
OU2MW-29D	45-50	359
OU2MW-30I	25-30	208
OU2MW-30I2	30-35	43
OU2MW-30I3	45-50	254
OU2MW-31I	18-23	779
OU2MW-31I2	30-35	1
OU2MW-32D	40-45	25
OU2MW-32I	20-25	3,698
OU2MW-32I2	30-35	71
OU2MW-33I	20-25	3,159
OU2MW-33I2	30-35	77
OU2MW-34I	25-30	2,348
OU2MW-34I2	45-50	ND
OU2MW-35I	25-30	9
OU2MW-35I2	45-50	ND
OU2MW-36I	25-30	55
OU2MW-36I2	45-50	ND
OU2MW-37I	25-30	373
OU2MW-37I2	45-50	ND
OU2MW-38I	25-30	122

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
OU2MW-38I2	46-51	ND
OU2MW-39I	25-30	ND
OU2MW-39I2	45-50	ND
OU2MW-40I	18-23	270
OU2MW-41I	18-23	1,433
OU2MW-45I	20-25	10
OU2MW-45I2	40-45	ND
OU2MW-46I	20-25	1,991
OU2MW-46I2	40-45	375
OU2MW-47I	20-25	2,714
OU2MW-47I2	40-45	159
OZMW-16I	20-30	441
OZMW-16I2	35-40	12
OZMW-17I	20-30	74
OZMW-17I2	35-45	ND
OZMW-18I	20-30	178
OZMW-18I2	35-45	129
OZMW-22I	20-30	607
OZMW-22I2	35-45	2
OU-3		
BBMW-09I	20-30	ND
BBMW-28I	10-20	ND
BBMW-30D	30-35	ND
BBMW-30I	14-19	ND
BBMW-31D	30-35	3
BBMW-31I	14-19	3
BBMW-32D	30-35	ND
BBMW-32I	14-19	ND
MW-02IR	22.5-23.5	ND
MW-16I	14-19	ND
MW-26D	14-19	ND
MW-29D	14-19	ND
MW-34D	27.5-28.5	ND
MW-34I	18.5-19.5	ND
MW-64	19-24	ND
MW-65	11-16	ND
MW-66D	24-29	ND
MW-BS-02D	24.5-25.5	ND
MW-BS-02I	14.5-15.5	ND
OU-4		
WCMW-01I	35-45	ND
WCMW-02I	34.5 - 44.5	ND
WCMW-03I	19.4 - 24.4	ND
WCMW-03I2	28.55 - 33.55	ND
WCMW-04I	19.4-24.4	ND
WCMW-04I2	29.85 - 34.85	ND
WCMW-05I	19.61 - 24.61	ND
WCMW-05I2	29.46 - 34.46	ND
WCMW-06I	19.55 - 24.55	ND
WCMW-06I2	29.83 - 34.83	ND
WCMW-10S	15-20	ND
WCMW-10D	40-50	ND
WCMW-12I	25-30	ND
WCMW-13I	25-30	ND
WCMW-14I	20-25	ND
WCMW-14I2	30-35	ND
WCMW-16I	20-25	ND
WCMW-16I2	30-35	ND

Q3 2016

Q3 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2		
BBMW-01I	32-42	ND
BBMW-20I	35-45	3
BBMW-22I	30-40	212
BBMW-23I	33-43	ND
BBMW-34I	25-30	916
BBMW-34I2	40-45	34*
BBMW-37I	20-30	227
BBMW-37I2	35-45	ND
BBMW-38I	25-30	4*
BBMW-38I2	35-45	3*
BBMW-39I	25-30	ND
BBMW-40I	25-30	ND
BBMW-42I	15-25	ND
BBMW-42I2	35-45	3
MW-05D	35.5-45.5	24
OU2MW-02I	35-40	ND
OU2MW-02S	20-25	ND
OU2MW-04I	35-40	3
OU2MW-12I	20-25	ND
OU2MW-12I2	30-35	ND
OU2MW-12D	40-45	ND
OU2MW-19I	13-23	ND
OU2MW-19I2	35-45	ND
OU2MW-24I2	45-50	ND
OU2MW-29D	45-50	ND
OU2MW-30I	25-30	ND
OU2MW-30I2	30-35	ND
OU2MW-30I3	45-50	ND
OU2MW-32D	40-45	ND
OU2MW-39I	25-30	ND
OU2MW-39I2	45-50	ND
OU2MW-42I2	45-50	ND
OU2MW-47I	20-25	ND
OU2MW-47I2	40-45	ND
OU2MW-50I	25-30	ND
OU2MW-50I2	45-50	ND
OU2MW-57I	20-30	2
OU2MW-57I2	35-45	ND
OZMW-16I	20-30	ND
OZMW-16I2	35-45	16
OZMW-17I	20-30	ND
OZMW-17I2	35-45	ND
OZMW-18I	20-30	ND

Q3 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2		
OZMW-18I2	35-45	ND
OZMW-19I	20-30	179
OZMW-19I2	35-45	512
OZMW-21I	20-30	350*
OZMW-21I2	35-45	201
OZMW-23I	20-30	ND
OZMW-23I2	35-45	ND
OZMW-24I	20-30	ND
OZMW-24I2	35-45	77
OZMW-25I	20-30	425
OZMW-25I2	35-45	15
OZMW-26I2	35-45	2
OU-3		
IP-16A	14-15	72
IP-16B	24-25	ND
IP-18A	14-15	ND
IP-18B	24-25	3
IP-20A	14-15	159
IP-20B	24-25	ND
MW-64	19-24	ND
OU3MW-07I	15-20	ND
OU3MW-07I2	20-25	ND
OU3MW-07I3	25-30	ND
OU3MW-07I4	35-40	ND
OU3MW-09I	25-30	3820
OU3MW-10I	25-30	104
OU3MW-19I	20-25	ND
OU3MW-19I2	30-35	ND
OU3MW-20I	20-25	ND
OU3MW-20I2	30-35	ND
OU3MW-22I/IP-15A	10-15	ND
OU3MW-22I2/IP-15B	25-30	ND
OU3MW-23I/IP-17B	10-15	379
OU3MW-23I2/IP-17A	25-30	32
OU3MW-24I/IP-19A	10-15	24
OU3MW-24I2/IP-19B	25-30	1199
SV-02I	22-27	ND
OU-4		
WCMW-04I	19-24	4
WCMW-05I	19.61-24.61	ND
WCMW-05I2	29.46-34.46	ND
WCMW-14I	20-25	ND
WCMW-30I	20-25	8

NOTE:
* INDICATES WELL NOT SAMPLED IN Q3 2016 DUE TO MEASURABLE LEVELS OF DNAPL. THE AVERAGE CONCENTRATIONS FROM THE FOUR MOST RECENT SAMPLING EVENTS WERE USED TO GENERATE CONTOURS.

0 400 800

SCALE, FEET

LEGEND:

- ⊕BBMW-33 EXISTING MONITORING WELL CLUSTER LOCATION
- ⊕BBMW-38I WELL NOT SAMPLED IN Q4 2015 DUE TO MEASURABLE LEVELS OF DNAPL
- µg/L MICROGRAMS PER LITER
- BTEX ≧100 µg/L
- BTEX ≧1,000 µg/L
- BTEX ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L) BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

Bay Shore/Brightwaters
Former MGP Site
Bay Shore, New York

nationalgrid

GEI Consultants

Project 093180

INTERMEDIATE GROUNDWATER TOTAL BTEX ISO-CONCENTRATION MAPS (10-50 FEET BGS)

March 2017 Fig. 5

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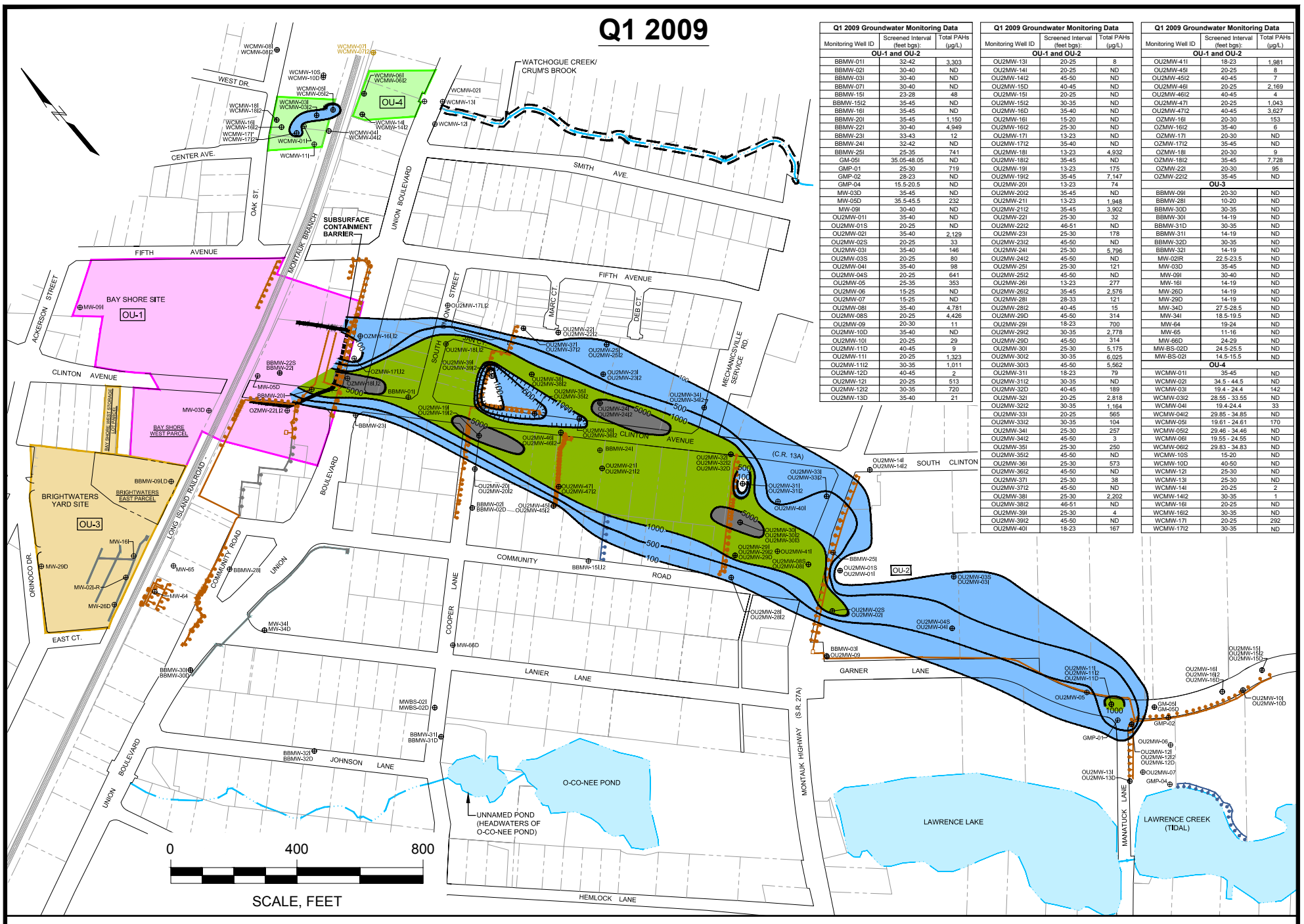
Q1 2009

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01I	32-42	3,303
BBMW-02I	30-40	ND
BBMW-03I	30-40	ND
BBMW-07I	30-40	ND
BBMW-15I	23-28	48
BBMW-15I2	35-45	ND
BBMW-16I	35-45	ND
BBMW-20I	35-45	1,150
BBMW-22I	30-40	4,949
BBMW-23I	33-43	12
BBMW-24I	32-42	ND
BBMW-25I	25-35	741
GM-05I	35.05-48.05	ND
GMP-01	25-30	719
GMP-02	28-23	ND
GMP-04	15.5-20.5	ND
MW-03D	35-45	ND
MW-05D	35.5-45.5	232
MW-09I	30-40	ND
OU2MW-01I	35-40	ND
OU2MW-01S	20-25	ND
OU2MW-02I	35-40	2,129
OU2MW-02S	20-25	33
OU2MW-03I	35-40	146
OU2MW-03S	20-25	80
OU2MW-04I	35-40	98
OU2MW-04S	20-25	641
OU2MW-05	25-35	353
OU2MW-06	15-25	ND
OU2MW-07	15-25	ND
OU2MW-08I	35-40	4,781
OU2MW-08S	20-25	4,426
OU2MW-09	20-30	11
OU2MW-10D	35-40	ND
OU2MW-10I	20-25	29
OU2MW-11D	40-45	9
OU2MW-11I	20-25	1,323
OU2MW-11I2	30-35	1,011
OU2MW-12D	40-45	2
OU2MW-12I	20-25	513
OU2MW-12I2	30-35	720
OU2MW-13D	35-40	21

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
OU2MW-13I	20-25	8
OU2MW-14I	20-25	ND
OU2MW-14I2	45-50	ND
OU2MW-15D	40-45	ND
OU2MW-15I	20-25	ND
OU2MW-15I2	30-35	ND
OU2MW-16D	35-40	ND
OU2MW-16I	15-20	ND
OU2MW-16I2	25-30	ND
OU2MW-17I	13-23	ND
OU2MW-17I2	35-40	ND
OU2MW-18I	13-23	4,932
OU2MW-18I2	35-45	ND
OU2MW-19I	13-23	175
OU2MW-19I2	35-45	7,147
OU2MW-20I	13-23	74
OU2MW-20I2	35-45	ND
OU2MW-21I	13-23	1,948
OU2MW-21I2	35-45	3,902
OU2MW-22I	25-30	32
OU2MW-22I2	46-51	ND
OU2MW-23I	25-30	178
OU2MW-23I2	45-50	ND
OU2MW-24I	25-30	5,796
OU2MW-24I2	45-50	ND
OU2MW-25I	25-30	121
OU2MW-25I2	45-50	ND
OU2MW-26I	13-23	277
OU2MW-26I2	35-45	2,576
OU2MW-28I	28-33	121
OU2MW-28I2	40-45	15
OU2MW-29D	45-50	314
OU2MW-29I	18-23	700
OU2MW-29I2	30-35	2,778
OU2MW-29D	45-50	314
OU2MW-30I	25-30	5,175
OU2MW-30I2	30-35	6,025
OU2MW-30I3	45-50	5,562
OU2MW-31I	18-23	79
OU2MW-31I2	30-35	ND
OU2MW-32D	40-45	189
OU2MW-32I	20-25	2,818
OU2MW-32I2	30-35	1,164
OU2MW-33I	20-25	565
OU2MW-33I2	30-35	104
OU2MW-34I	25-30	257
OU2MW-34I2	45-50	3
OU2MW-35I	25-30	250
OU2MW-35I2	45-50	ND
OU2MW-36I	25-30	573
OU2MW-36I2	45-50	ND
OU2MW-37I	25-30	38
OU2MW-37I2	45-50	ND
OU2MW-38I	25-30	2,202
OU2MW-38I2	46-51	ND
OU2MW-39I	25-30	4
OU2MW-39I2	45-50	ND
OU2MW-40I	18-23	167

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
OU2MW-41I	18-23	1,981
OU2MW-45I	20-25	8
OU2MW-45I2	40-45	7
OU2MW-46I	20-25	2,169
OU2MW-46I2	40-45	4
OU2MW-47I	20-25	1,043
OU2MW-47I2	40-45	3,627
OZMW-16I	20-30	153
OZMW-16I2	35-40	6
OZMW-17I	20-30	ND
OZMW-17I2	35-45	ND
OZMW-18I	20-30	9
OZMW-18I2	35-45	7,728
OZMW-22I	20-30	95
OZMW-22I2	35-45	ND
OU-3		
BBMW-09I	20-30	ND
BBMW-28I	10-20	ND
BBMW-30D	30-35	ND
BBMW-30I	14-19	ND
BBMW-31D	30-35	ND
BBMW-31I	14-19	ND
BBMW-32D	30-35	ND
BBMW-32I	14-19	ND
MW-02IR	22.5-23.5	ND
MW-03D	35-45	ND
MW-09I	30-40	ND
MW-16I	14-19	ND
MW-26D	14-19	ND
MW-29D	14-19	ND
MW-34D	27.5-28.5	ND
MW-34I	18.5-19.5	ND
MW-64	19-24	ND
MW-65	11-16	ND
MW-66D	24-29	ND
MW-BS-02D	24.5-25.5	ND
MW-BS-02I	14.5-15.5	ND
OU-4		
WCMW-01I	35-45	ND
WCMW-02I	34.5 - 44.5	ND
WCMW-03I	19.4 - 24.4	142
WCMW-03I2	28.55 - 33.55	ND
WCMW-04I	19.4-24.4	33
WCMW-04I2	29.85 - 34.85	ND
WCMW-05I	19.61 - 24.61	170
WCMW-05I2	29.46 - 34.46	ND
WCMW-06I	19.55 - 24.55	ND
WCMW-06I2	29.83 - 34.83	ND
WCMW-10S	15-20	ND
WCMW-10D	40-50	ND
WCMW-12I	25-30	ND
WCMW-13I	25-30	ND
WCMW-14I	20-25	2
WCMW-14I2	30-35	1
WCMW-16I	20-25	ND
WCMW-16I2	30-35	ND
WCMW-17I	20-25	292
WCMW-17I2	30-35	ND



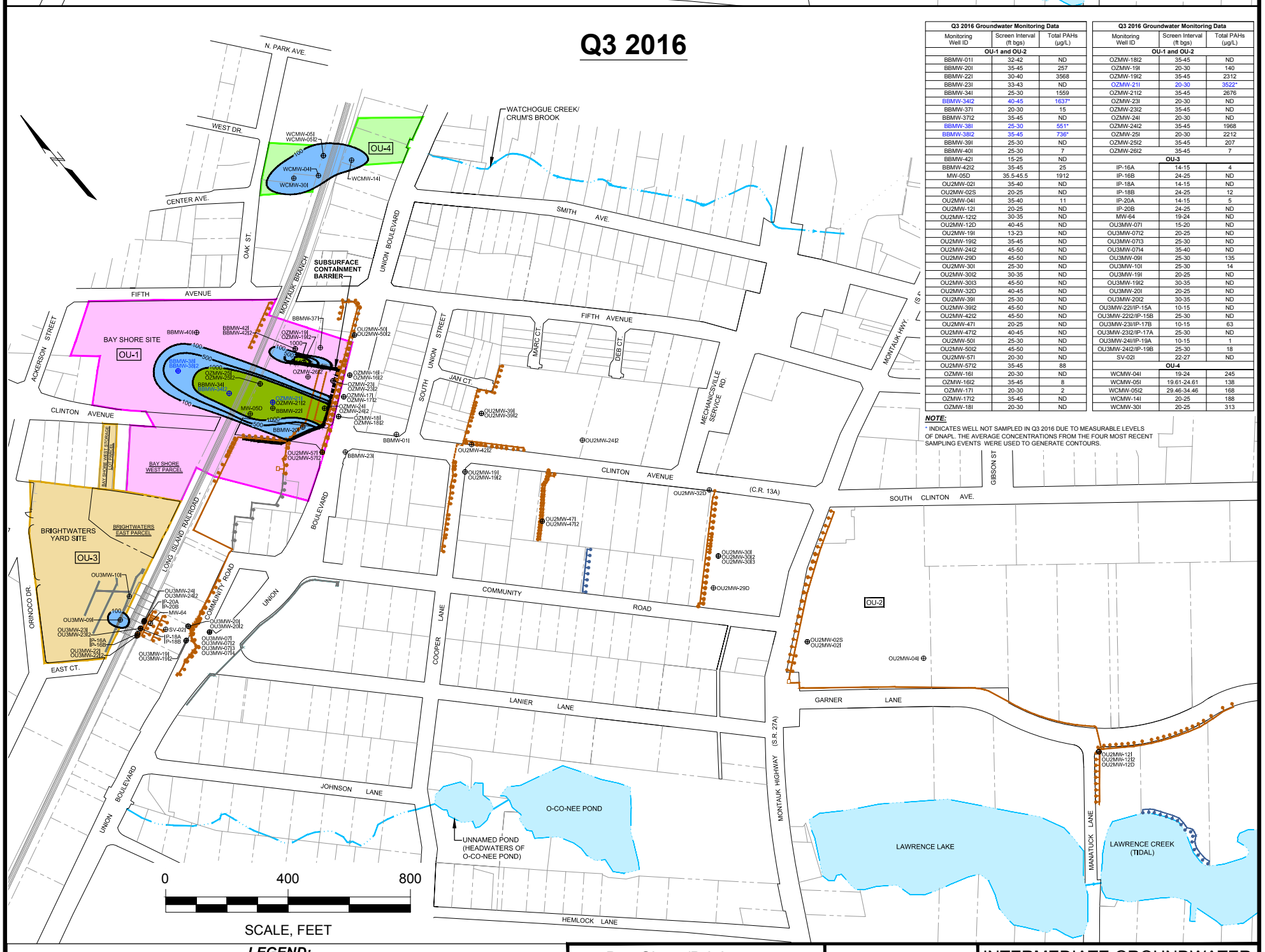
Q3 2016

Q3 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01I	32-42	ND
BBMW-20I	35-45	257
BBMW-22I	30-40	3568
BBMW-23I	33-43	ND
BBMW-34I	25-30	1559
BBMW-34I2	40-45	1637*
BBMW-37I	20-30	15
BBMW-37I2	35-45	ND
BBMW-38I	28-30	551*
BBMW-38I2	35-45	736*
BBMW-39I	25-30	ND
BBMW-40I	25-30	7
BBMW-42I	15-25	ND
BBMW-42I2	35-45	25
MW-05D	35.5-45.5	1912
OU2MW-02I	35-40	ND
OU2MW-02S	20-25	ND
OU2MW-04I	35-40	11
OU2MW-12I	20-25	ND
OU2MW-12I2	30-35	ND
OU2MW-12D	40-45	ND
OU2MW-19I	13-23	ND
OU2MW-19I2	35-45	ND
OU2MW-24I2	45-50	ND
OU2MW-29D	45-50	ND
OU2MW-30I	25-30	ND
OU2MW-30I2	30-35	ND
OU2MW-30I3	45-50	ND
OU2MW-32D	40-45	ND
OU2MW-39I	25-30	ND
OU2MW-39I2	45-50	ND
OU2MW-42I2	45-50	ND
OU2MW-47I	20-25	ND
OU2MW-47I2	40-45	ND
OU2MW-50I	25-30	ND
OU2MW-50I2	45-50	ND
OU2MW-57I	20-30	ND
OU2MW-57I2	35-45	88
OZMW-16I	20-30	ND
OZMW-16I2	35-45	8
OZMW-17I	20-30	2
OZMW-17I2	35-45	ND
OZMW-18I	20-30	ND

Q3 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
OZMW-18I2	35-45	ND
OZMW-19I	20-30	140
OZMW-19I2	35-45	2312
OZMW-21I	20-30	3522*
OZMW-21I2	35-45	2676
OZMW-23I	20-30	ND
OZMW-23I2	35-45	ND
OZMW-24I	20-30	ND
OZMW-24I2	35-45	1968
OZMW-25I	20-30	2212
OZMW-25I2	35-45	207
OZMW-26I2	35-45	7
OU-3		
IP-16A	14-15	4
IP-16B	24-25	ND
IP-18A	14-15	ND
IP-18B	24-25	12
IP-20A	14-15	5
IP-20B	24-25	ND
MW-64	19-24	ND
OU3MW-07I	15-20	ND
OU3MW-07I2	20-25	ND
OU3MW-07I3	25-30	ND
OU3MW-07I4	35-40	ND
OU3MW-09I	25-30	135
OU3MW-10I	25-30	14
OU3MW-19I	20-25	ND
OU3MW-19I2	30-35	ND
OU3MW-20I	20-25	ND
OU3MW-20I2	30-35	ND
OU3MW-22I/IP-15A	10-15	ND
OU3MW-22I2/IP-15B	25-30	ND
OU3MW-23I/IP-17B	10-15	63
OU3MW-23I2/IP-17A	25-30	ND
OU3MW-24I/IP-19A	10-15	1
OU3MW-24I2/IP-19B	25-30	18
SV-02I	22-27	ND
OU-4		
WCMW-04I	19-24	245
WCMW-05I	19.61-24.61	138
WCMW-05I2	29.46-34.46	168
WCMW-14I	20-25	188
WCMW-30I	20-25	313

NOTE:

* INDICATES WELL NOT SAMPLED IN Q3 2016 DUE TO MEASURABLE LEVELS OF DNAPL. THE AVERAGE CONCENTRATIONS FROM THE FOUR MOST RECENT SAMPLING EVENTS WERE USED TO GENERATE CONTOURS.



LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- ⊕BBMW-38I — WELL NOT SAMPLED IN Q32015 DUE TO MEASURABLE LEVELS OF DNAPL
- µg/L — MICROGRAMS PER LITER
- TOTAL PAH ≧100 µg/L
- TOTAL PAH ≧1,000 µg/L
- TOTAL PAH ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- PAH — POLYCYCLIC AROMATIC HYDROCARBONS

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

Bay Shore/Brightwaters
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INTERMEDIATE GROUNDWATER
PAH ISO-CONCENTRATION
MAPS
(10-50 FEET BGS)

Project 093180 | March 2017 | Fig. 6

---- \\gtb1v-fs01\CAD\Project\National Grid\Bay Shore\Groundwater-Quarterly Monitoring\2016\Figures\Q3\BAY SHORE-BTEX & PAH PLUMES Q3-2016.dwg - 2/1/2017

Q1 2009

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	33
BBMW-02D	73-83	ND
BBMW-03D	52-62	ND
BBMW-05D	64-74	482
BBMW-05D2	126.5-136.5	7
BBMW-07D	55-65	ND
BBMW-15D	70-80	ND
BBMW-16D	68-78	ND
BBMW-22D	64-74	2,314
BBMW-23D	49.5-59.5	7
BBMW-23D2	63-73	ND
BBMW-24D	59.5-69.5	22
BBMW-25D	62-72	35
GM-05D	60.95-75.95	2
OU2MW-01D	65-70	ND
OU2MW-01I2	50-55	ND
OU2MW-02D	65-70	ND
OU2MW-02I2	50-55	3
OU2MW-03D	65-70	ND
OU2MW-03I2	50-55	5
OU2MW-04D	65-70	2
OU2MW-04I2	50-55	ND
OU2MW-08D	65-70	ND
OU2MW-08I2	50-55	152
OU2MW-17D	60-70	ND
OU2MW-18D	60-70	ND
OU2MW-19D	65-70	542
OU2MW-20D	65-70	ND
OU2MW-22D	67-72	ND
OU2MW-23D	65-70	ND
OU2MW-24D	62-67	ND
OU2MW-25D	70-75	ND
OU2MW-26D	60-70	474
OU2MW-30D	50-55	134
OU2MW-30D2	60-65	375
OU2MW-33D	50-55	2
OU2MW-35D	57-62	ND
OU2MW-36D	61-66	ND
OU2MW-37D	67-72	ND
OU2MW-38D	56-61	ND
OU2MW-39D	70-75	ND
OU2MW-45D	55-60	ND
OU2MW-47D	60-65	569
OZMW-16D	55-65	ND
OZMW-17D	53-63	ND
OZMW-18D	55-65	216
OZMW-22D	55-65	ND
OU-3		
BBMW-09D	62-72	ND
BBMW-13D	62-72	ND
OU-4		
WCMW-01D	64-74	ND
WCMW-02D	62-72	ND
WCMW-12D	67-72	ND
WCMW-13D	65-70	ND
WCMW-14D	67-72	ND

Q3 2016

Q3 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	36
BBMW-05D	64-74	1475
BBMW-34D	65-70	ND
OU2MW-02I2	50-55	ND
OU2MW-02D	65-70	ND
OU2MW-08I2	50-55	2
OU2MW-19D	65-70	80
OU2MW-30D	50-55	ND
OU2MW-30D2	60-65	ND
OU2MW-33D	50-55	ND
OU2MW-39D	70-75	ND
OU2MW-42D	60-65	944
OU2MW-43D	65-70	91
OU2MW-47D	60-65	ND
OU2MW-50D	65-70	ND
OZMW-16D	55-65	ND
OZMW-17D	53-63	36
OZMW-18D	55-65	147
OZMW-19D	55-65	43
OZMW-23D	55-65	ND
OZMW-24D	55-65	681

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- BTEX — BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE
- BTEX ≧100 µg/L
- BTEX ≧1,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)

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DEEP GROUNDWATER
TOTAL BTEX
ISO-CONCENTRATION MAPS
(BELOW 50 FEET BGS)

Project 093180 | March 2017 | Fig. 7

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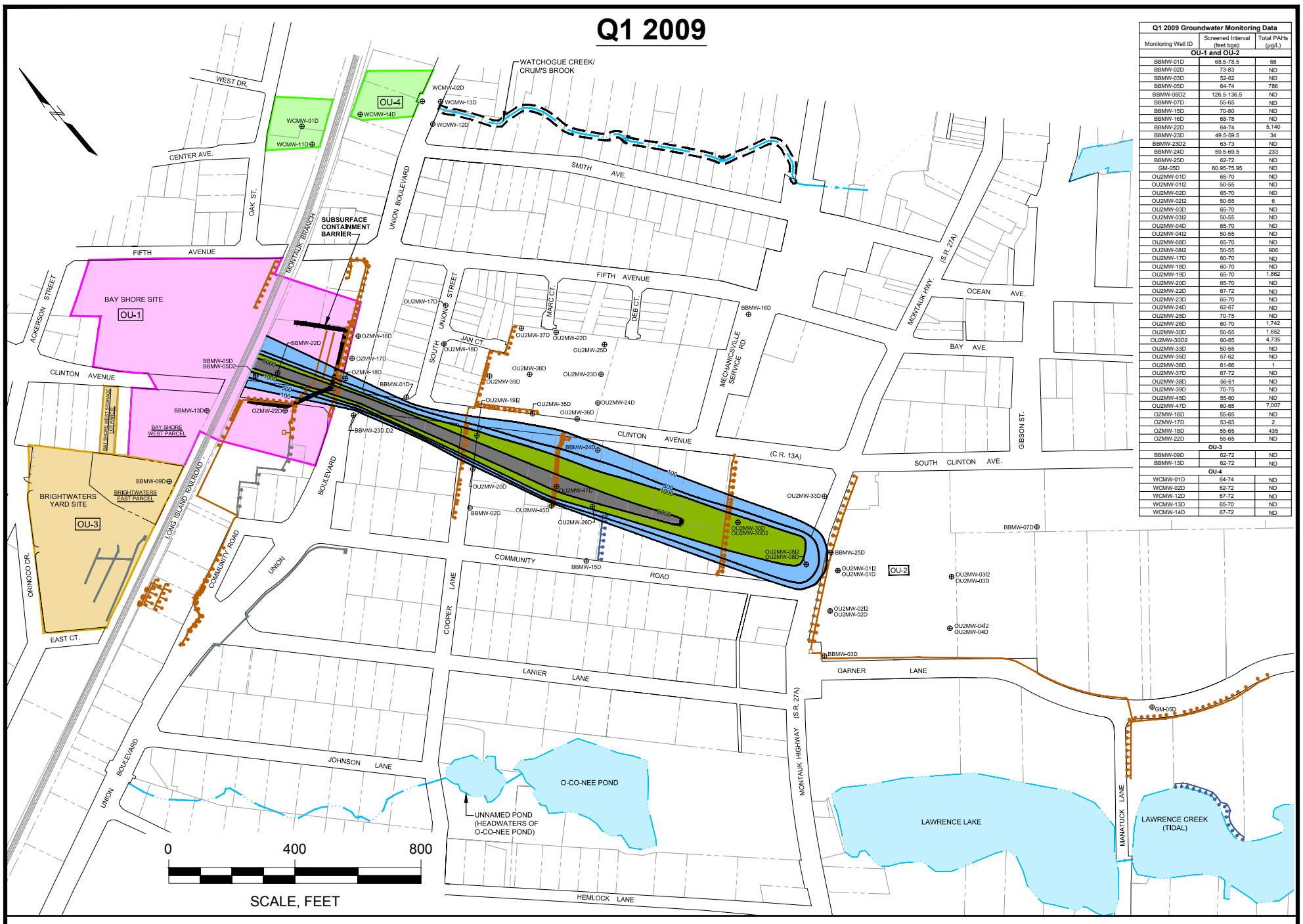
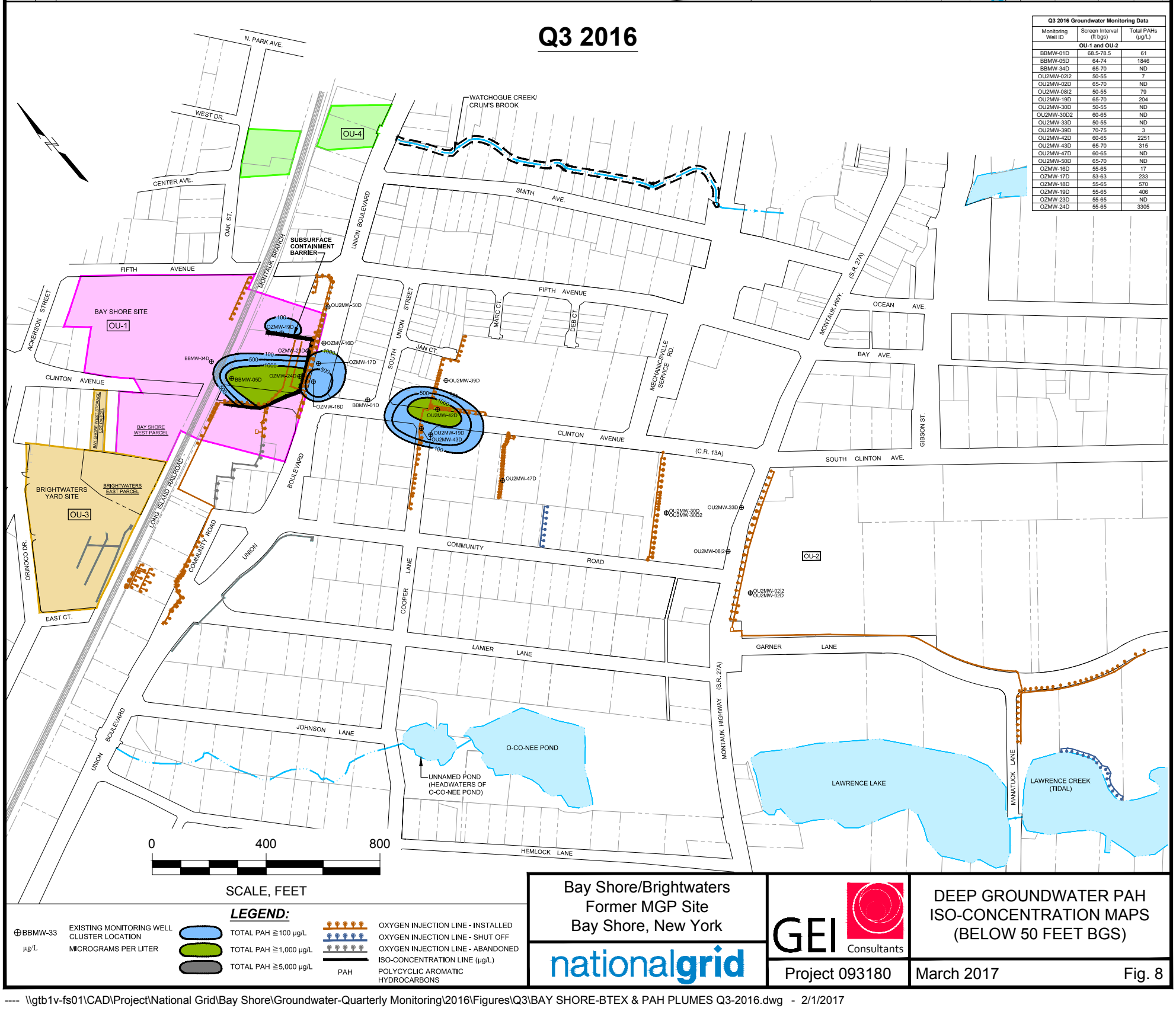
Q1 2009

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	68
BBMW-02D	73-83	ND
BBMW-03D	52-62	ND
BBMW-05D	64-74	786
BBMW-05D2	126.5-136.5	ND
BBMW-07D	55-65	ND
BBMW-15D	70-80	ND
BBMW-16D	68-78	ND
BBMW-22D	64-74	5,140
BBMW-23D	49.5-59.5	34
BBMW-23D2	63-73	ND
BBMW-24D	59.5-69.5	233
BBMW-25D	62-72	ND
GM-05D	60.95-75.95	ND
OU2MW-01D	65-70	ND
OU2MW-01I2	50-55	ND
OU2MW-02D	65-70	ND
OU2MW-02I2	50-55	6
OU2MW-03D	65-70	ND
OU2MW-03I2	50-55	ND
OU2MW-04D	65-70	ND
OU2MW-04I2	50-55	ND
OU2MW-08D	65-70	ND
OU2MW-08I2	50-55	906
OU2MW-17D	60-70	ND
OU2MW-18D	60-70	ND
OU2MW-19D	65-70	1,862
OU2MW-20D	65-70	ND
OU2MW-22D	67-72	ND
OU2MW-23D	65-70	ND
OU2MW-24D	62-67	ND
OU2MW-25D	70-75	ND
OU2MW-26D	60-70	1,742
OU2MW-30D	50-55	1,652
OU2MW-30D2	60-65	4,735
OU2MW-33D	50-55	ND
OU2MW-35D	57-62	ND
OU2MW-36D	61-66	1
OU2MW-37D	67-72	ND
OU2MW-38D	56-61	ND
OU2MW-39D	70-75	ND
OU2MW-45D	55-60	ND
OU2MW-47D	60-65	7,007
OZMW-16D	55-65	ND
OZMW-17D	53-63	2
OZMW-18D	55-65	435
OZMW-22D	55-65	ND
OU-3		
BBMW-09D	62-72	ND
BBMW-13D	62-72	ND
OU-4		
WCMW-01D	64-74	ND
WCMW-02D	62-72	ND
WCMW-12D	67-72	ND
WCMW-13D	65-70	ND
WCMW-14D	67-72	ND



Q3 2016

Q3 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	61
BBMW-05D	64-74	1846
BBMW-34D	65-70	ND
OU2MW-02I2	50-55	7
OU2MW-02D	65-70	ND
OU2MW-08I2	50-55	79
OU2MW-19D	65-70	204
OU2MW-30D	50-55	ND
OU2MW-30D2	60-65	ND
OU2MW-33D	50-55	ND
OU2MW-39D	70-75	3
OU2MW-42D	60-65	2251
OU2MW-43D	65-70	315
OU2MW-47D	60-65	ND
OU2MW-50D	65-70	ND
OZMW-16D	55-65	17
OZMW-17D	53-63	233
OZMW-18D	55-65	570
OZMW-19D	55-65	406
OZMW-23D	55-65	ND
OZMW-24D	55-65	3305



LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- TOTAL PAH ≧100 µg/L
- TOTAL PAH ≧1,000 µg/L
- TOTAL PAH ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- PAH — POLYCYCLIC AROMATIC HYDROCARBONS

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DEEP GROUNDWATER PAH
ISO-CONCENTRATION MAPS
(BELOW 50 FEET BGS)

Project 093180 | March 2017 | Fig. 8

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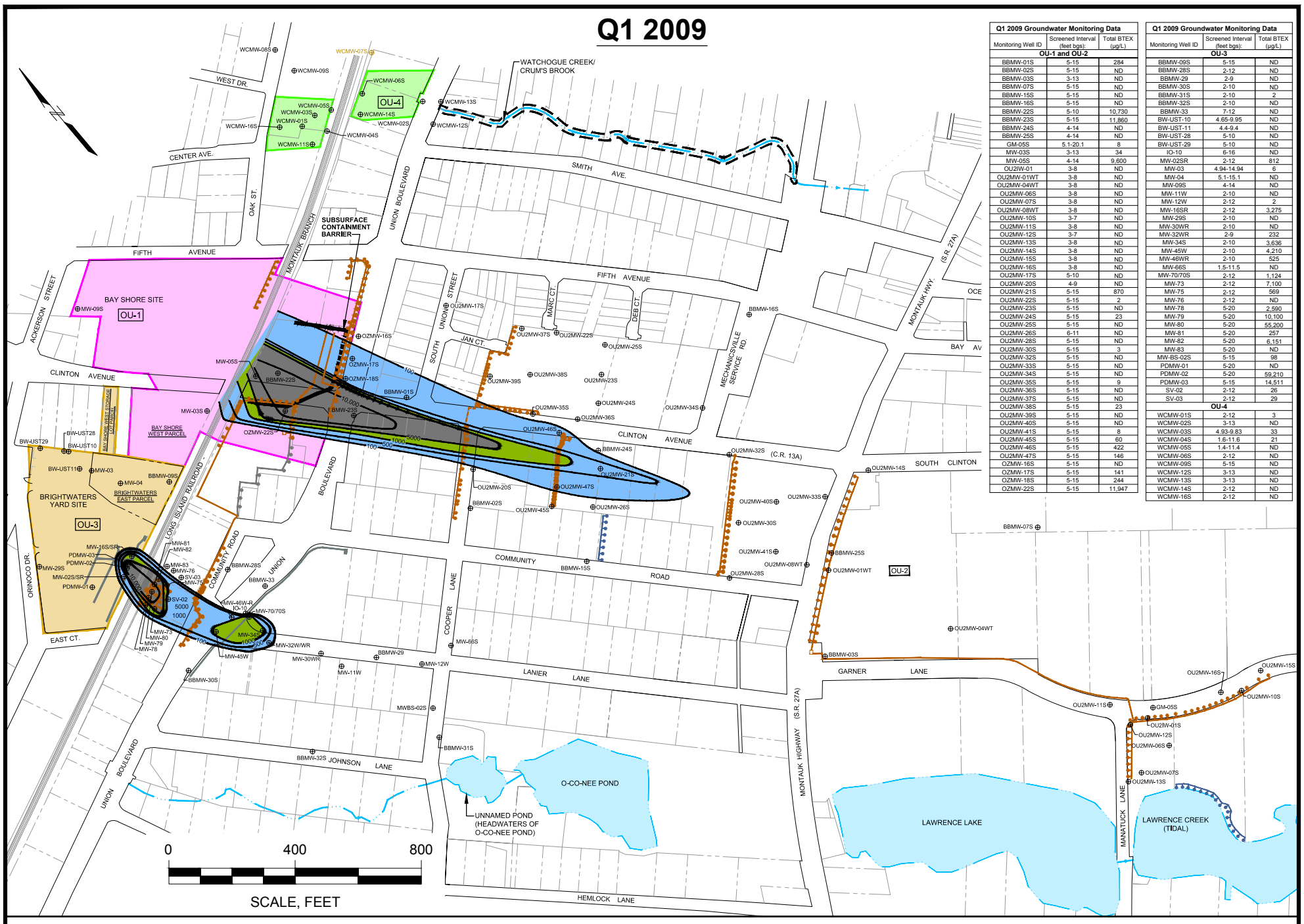
Q1 2009

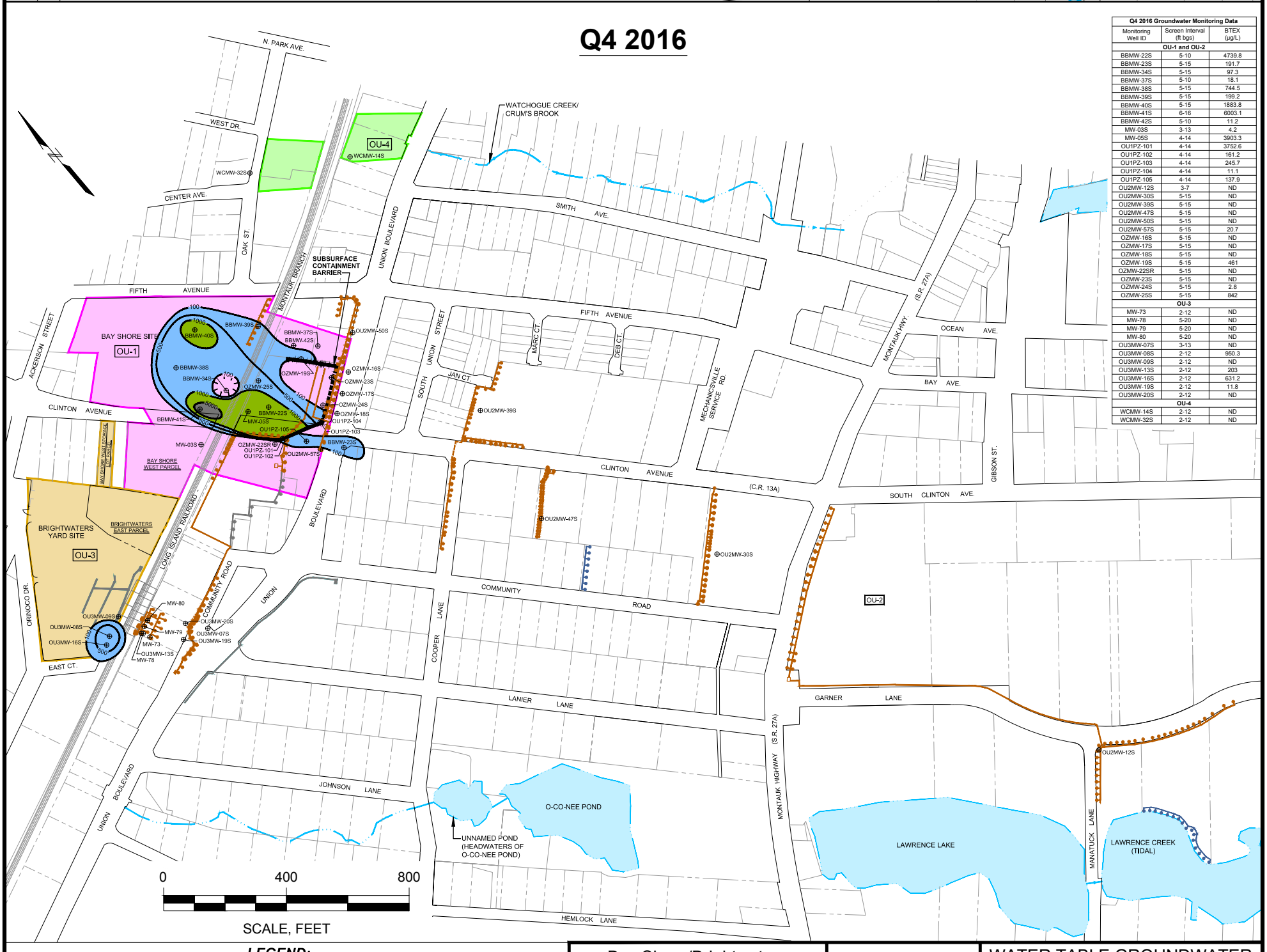
Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
BBMW-01S	5-15	284
BBMW-02S	5-15	ND
BBMW-03S	3-13	ND
BBMW-07S	5-15	ND
BBMW-15S	5-15	ND
BBMW-16S	5-15	ND
BBMW-22S	5-10	10,730
BBMW-23S	5-15	11,860
BBMW-24S	4-14	ND
BBMW-25S	4-14	ND
GM-05S	5.1-20.1	8
MW-03S	3-13	34
MW-05S	4-14	9,600
OU2IW-01	3-8	ND
OU2MW-01WT	3-8	ND
OU2MW-04WT	3-8	ND
OU2MW-06S	3-8	ND
OU2MW-07S	3-8	ND
OU2MW-08WT	3-8	ND
OU2MW-10S	3-7	ND
OU2MW-11S	3-8	ND
OU2MW-12S	3-7	ND
OU2MW-13S	3-8	ND
OU2MW-14S	3-8	ND
OU2MW-15S	3-8	ND
OU2MW-16S	3-8	ND
OU2MW-17S	5-10	ND
OU2MW-20S	4-9	ND
OU2MW-21S	5-15	870
OU2MW-22S	5-15	2
OU2MW-23S	5-15	ND
OU2MW-24S	5-15	23
OU2MW-25S	5-15	ND
OU2MW-26S	6-11	ND
OU2MW-28S	5-15	ND
OU2MW-30S	5-15	3
OU2MW-32S	5-15	ND
OU2MW-33S	5-15	ND
OU2MW-34S	5-15	ND
OU2MW-35S	5-15	9
OU2MW-36S	5-15	ND
OU2MW-37S	5-15	ND
OU2MW-38S	5-15	23
OU2MW-39S	5-15	ND
OU2MW-40S	5-15	ND
OU2MW-41S	5-15	8
OU2MW-45S	5-15	60
OU2MW-46S	5-15	422
OU2MW-47S	5-15	146
OZMW-16S	5-15	ND
OZMW-17S	5-15	141
OZMW-18S	5-15	244
OZMW-22S	5-15	11,947

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-3		
BBMW-09S	5-15	ND
BBMW-28S	2-12	ND
BBMW-29	2-9	ND
BBMW-30S	2-10	ND
BBMW-31S	2-10	2
BBMW-32S	2-10	ND
BBMW-33	7-12	ND
BW-UST-10	4.65-9.95	ND
BW-UST-11	4.4-9.4	ND
BW-UST-28	5-10	ND
BW-UST-29	5-10	ND
IO-10	6-16	ND
MW-02SR	2-12	812
MW-03	4.94-14.94	6
MW-04	5.1-15.1	ND
MW-09S	4-14	ND
MW-11W	2-10	ND
MW-12W	2-12	2
MW-16SR	2-12	3,275
MW-29S	2-10	ND
MW-30WR	2-10	ND
MW-32WR	2-9	232
MW-34S	2-10	3,636
MW-45W	2-10	4,210
MW-46WR	2-10	525
MW-66S	1.5-11.5	ND
MW-70/70S	2-12	1,124
MW-73	2-12	7,100
MW-75	2-12	569
MW-76	2-12	ND
MW-78	5-20	2,590
MW-79	5-20	10,100
MW-80	5-20	55,200
MW-81	5-20	257
MW-82	5-20	6,151
MW-83	5-20	ND
MW-BS-02S	5-15	98
PDMW-01	5-20	ND
PDMW-02	5-20	59,210
PDMW-03	5-15	14,511
SV-02	2-12	26
SV-03	2-12	29
OU-4		
WCMW-01S	2-12	3
WCMW-02S	3-13	ND
WCMW-03S	4.93-9.83	33
WCMW-04S	1.6-11.6	21
WCMW-05S	1.4-11.4	ND
WCMW-06S	2-12	ND
WCMW-09S	5-15	ND
WCMW-12S	3-13	ND
WCMW-13S	3-13	ND
WCMW-14S	2-12	ND
WCMW-16S	2-12	ND



Q4 2016

Q4 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2		
BBMW-22S	5-10	4739.8
BBMW-23S	5-15	191.7
BBMW-34S	5-15	97.3
BBMW-37S	5-10	18.1
BBMW-38S	5-15	744.5
BBMW-39S	5-15	199.2
BBMW-40S	5-15	1883.8
BBMW-41S	6-16	6003.1
BBMW-42S	5-10	11.2
MW-03S	3-13	4.2
MW-05S	4-14	3903.3
OU1PZ-101	4-14	3752.6
OU1PZ-102	4-14	161.2
OU1PZ-103	4-14	245.7
OU1PZ-104	4-14	11.1
OU1PZ-105	4-14	137.9
OU2MW-12S	3-7	ND
OU2MW-30S	5-15	ND
OU2MW-39S	5-15	ND
OU2MW-47S	5-15	ND
OU2MW-50S	5-15	ND
OU2MW-57S	5-15	20.7
OZMW-16S	5-15	ND
OZMW-17S	5-15	ND
OZMW-18S	5-15	ND
OZMW-19S	5-15	461
OZMW-22SR	5-15	ND
OZMW-23S	5-15	ND
OZMW-24S	5-15	2.8
OZMW-25S	5-15	842
OU-3		
MW-73	2-12	ND
MW-78	5-20	ND
MW-79	5-20	ND
MW-80	5-20	ND
OU3MW-07S	3-13	ND
OU3MW-08S	2-12	950.3
OU3MW-09S	2-12	ND
OU3MW-13S	2-12	203
OU3MW-16S	2-12	631.2
OU3MW-19S	2-12	11.8
OU3MW-20S	2-12	ND
OU-4		
WCMW-14S	2-12	ND
WCMW-32S	2-12	ND



LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- BTEX ≧100 µg/L
- BTEX ≧1,000 µg/L
- BTEX ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- BTEX — BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

Bay Shore/Brightwaters
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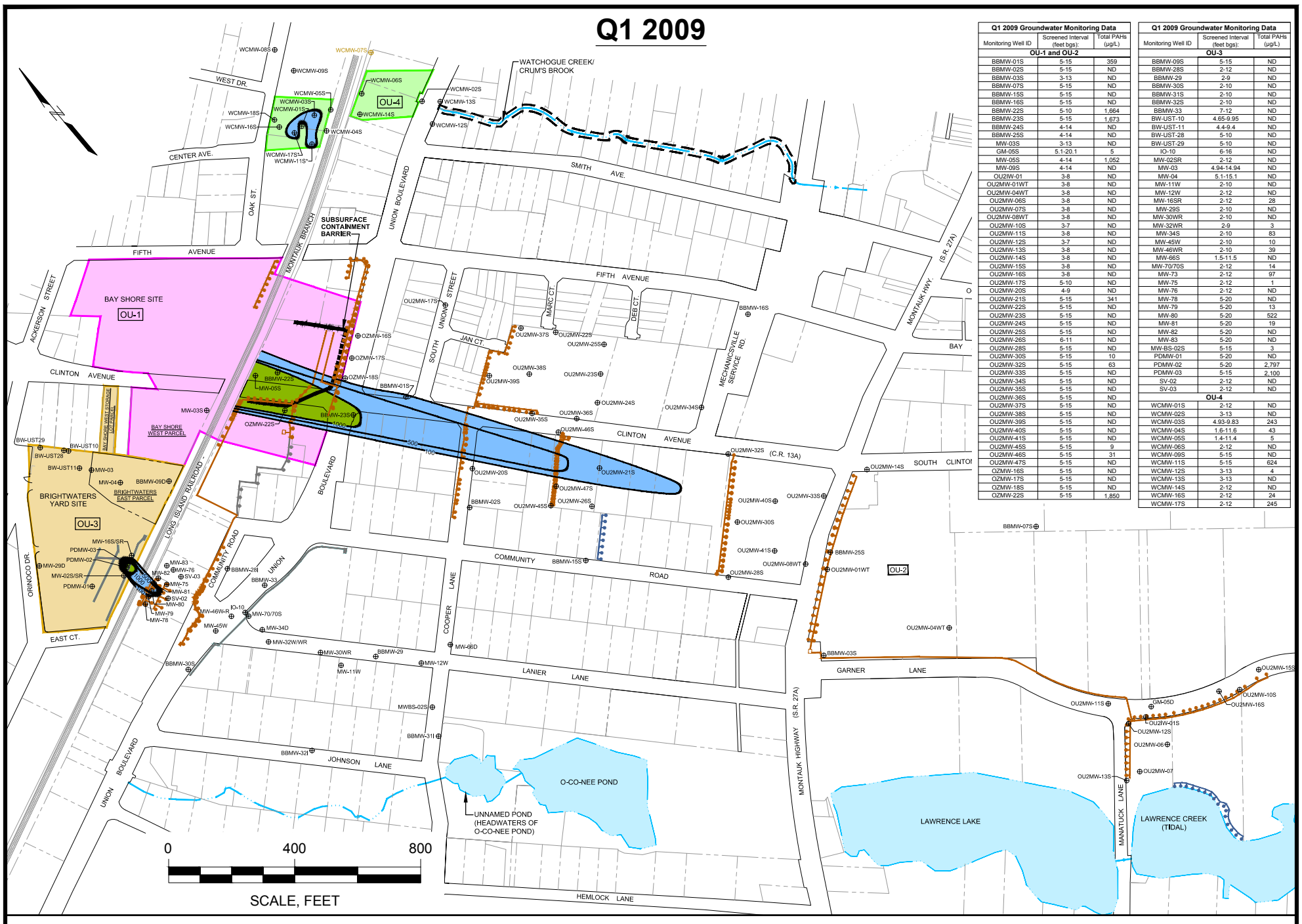
WATER TABLE GROUNDWATER
TOTAL BTEX
ISO-CONCENTRATION MAPS
(0-10 FEET BGS)

Project 093180 | May 2017 | Fig. 3

---- I:\Project\National Grid\Bay Shore\Groundwater-Quarterly Monitoring\2016\Figures\Q4\BAY SHORE-BTEX & PAH PLUMES Q4-2016.dwg - 5/1/2017

Q1 2009



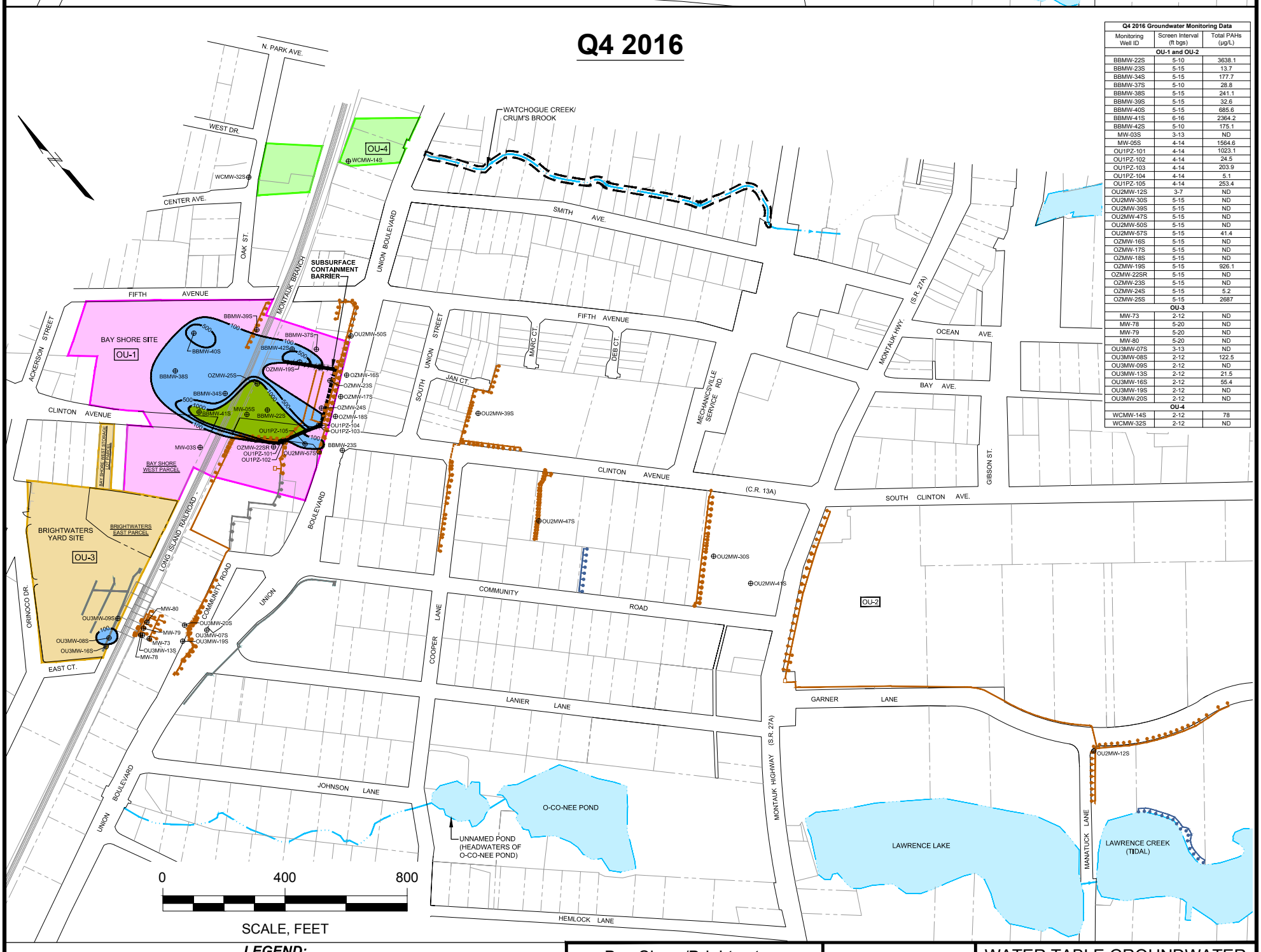
Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01S	5-15	359
BBMW-02S	5-15	ND
BBMW-03S	3-13	ND
BBMW-07S	5-15	ND
BBMW-15S	5-15	ND
BBMW-16S	5-15	ND
BBMW-22S	5-10	1,664
BBMW-23S	5-15	1,673
BBMW-24S	4-14	ND
BBMW-25S	4-14	ND
MW-03S	3-13	ND
GM-05S	5.1-20.1	5
MW-05S	4-14	1,052
MW-09S	4-14	ND
OU2IW-01	3-8	ND
OU2MW-01WT	3-8	ND
OU2MW-04WT	3-8	ND
OU2MW-06S	3-8	ND
OU2MW-07S	3-8	ND
OU2MW-08WT	3-8	ND
OU2MW-10S	3-7	ND
OU2MW-11S	3-8	ND
OU2MW-12S	3-7	ND
OU2MW-13S	3-8	ND
OU2MW-14S	3-8	ND
OU2MW-15S	3-8	ND
OU2MW-16S	3-8	ND
OU2MW-17S	5-10	ND
OU2MW-20S	4-9	ND
OU2MW-21S	5-15	341
OU2MW-22S	5-15	ND
OU2MW-23S	5-15	ND
OU2MW-24S	5-15	ND
OU2MW-25S	5-15	ND
OU2MW-26S	6-11	ND
OU2MW-28S	5-15	ND
OU2MW-30S	5-15	10
OU2MW-32S	5-15	63
OU2MW-33S	5-15	ND
OU2MW-34S	5-15	ND
OU2MW-35S	5-15	ND
OU2MW-36S	5-15	ND
OU2MW-37S	5-15	ND
OU2MW-38S	5-15	ND
OU2MW-39S	5-15	ND
OU2MW-40S	5-15	ND
OU2MW-41S	5-15	ND
OU2MW-45S	5-15	9
OU2MW-46S	5-15	31
OU2MW-47S	5-15	ND
OZMW-16S	5-15	ND
OZMW-17S	5-15	ND
OZMW-18S	5-15	ND
OZMW-22S	5-15	1,850

Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-3		
BBMW-09S	5-15	ND
BBMW-28S	2-12	ND
BBMW-29	2-9	ND
BBMW-30S	2-10	ND
BBMW-31S	2-10	ND
BBMW-32S	2-10	ND
BBMW-33	7-12	ND
BW-UST-10	4.65-9.95	ND
BW-UST-11	4.4-9.4	ND
BW-UST-28	5-10	ND
BW-UST-29	5-10	ND
IO-10	6-16	ND
MW-02SR	2-12	ND
MW-03	4.94-14.94	ND
MW-04	5.1-15.1	ND
MW-11W	2-10	ND
MW-12W	2-12	ND
MW-16SR	2-12	28
MW-29S	2-10	ND
MW-30WR	2-10	ND
MW-32WR	2-9	3
MW-34S	2-10	83
MW-45W	2-10	10
MW-46WR	2-10	39
MW-66S	1.5-11.5	ND
MW-70/70S	2-12	14
MW-73	2-12	97
MW-75	2-12	1
MW-76	2-12	ND
MW-78	5-20	ND
MW-79	5-20	13
MW-80	5-20	522
MW-81	5-20	19
MW-82	5-20	ND
MW-83	5-20	ND
MW-BS-02S	5-15	3
PDMW-01	5-20	ND
PDMW-02	5-20	2,797
PDMW-03	5-15	2,100
SV-02	2-12	ND
SV-03	2-12	ND
OU-4		
WCMW-01S	2-12	ND
WCMW-02S	3-13	ND
WCMW-03S	4.93-9.83	243
WCMW-04S	1.6-11.6	43
WCMW-05S	1.4-11.4	5
WCMW-06S	2-12	ND
WCMW-09S	5-15	ND
WCMW-11S	5-15	624
WCMW-12S	3-13	4
WCMW-13S	3-13	ND
WCMW-14S	2-12	ND
WCMW-16S	2-12	24
WCMW-17S	2-12	245

Q4 2016



Q4 2016 Groundwater Monitoring Data

Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-22S	5-10	3638.1
BBMW-23S	5-15	13.7
BBMW-34S	5-15	177.7
BBMW-37S	5-10	28.8
BBMW-38S	5-15	241.1
BBMW-39S	5-15	32.6
BBMW-40S	5-15	685.6
BBMW-41S	6-16	2364.2
BBMW-42S	5-10	175.1
MW-03S	3-13	ND
MW-05S	4-14	1564.6
OU1PZ-101	4-14	1023.1
OU1PZ-102	4-14	24.5
OU1PZ-103	4-14	203.9
OU1PZ-104	4-14	5.1
OU1PZ-105	4-14	253.4
OU2MW-12S	3-7	ND
OU2MW-30S	5-15	ND
OU2MW-39S	5-15	ND
OU2MW-47S	5-15	ND
OU2MW-50S	5-15	ND
OU2MW-57S	5-15	41.4
OZMW-16S	5-15	ND
OZMW-17S	5-15	ND
OZMW-18S	5-15	ND
OZMW-19S	5-15	926.1
OZMW-22SR	5-15	ND
OZMW-23S	5-15	ND
OZMW-24S	5-15	5.2
OZMW-25S	5-15	2687
OU-3		
MW-73	2-12	ND
MW-78	5-20	ND
MW-79	5-20	ND
MW-80	5-20	ND
OU3MW-07S	3-13	ND
OU3MW-08S	2-12	122.5
OU3MW-09S	2-12	ND
OU3MW-13S	2-12	21.5
OU3MW-16S	2-12	55.4
OU3MW-19S	2-12	ND
OU3MW-20S	2-12	ND
OU-4		
WCMW-14S	2-12	78
WCMW-32S	2-12	ND

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- PAH — POLYCYCLIC AROMATIC HYDROCARBONS
- TOTAL PAH ≧100 µg/L
- TOTAL PAH ≧1,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

Bay Shore/Brightwaters
Former MGP Site
Bay Shore, New York

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WATER TABLE GROUNDWATER
PAH ISO-CONCENTRATION
MAPS
(0-10 FEET BGS)

Project 093180 | May 2017 | Fig. 4

---- I:\Project\National Grid\Bay Shore\Groundwater-Quarterly Monitoring\2016\Figures\Q4\BAY SHORE-BTEX & PAH PLUMES Q4-2016.dwg - 5/1/2017

Q1 2009

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
BBMW-01I	32-42	47
BBMW-02I	30-40	ND
BBMW-03I	30-40	ND
BBMW-07I	30-40	ND
BBMW-15I	23-28	146
BBMW-15I2	35-45	ND
BBMW-16I	35-45	ND
BBMW-20I	35-45	8
BBMW-22I	30-40	43
BBMW-23I	33-43	ND
BBMW-24I	32-42	10
BBMW-25I	25-35	469
GM-05I	35.05-48.05	ND
GMP-01	25-30	762
GMP-02	28-23	ND
GMP-04	15.5-20.5	ND
MW-03D	35-45	ND
MW-05D	35.5-45.5	26
MW-09I	30-40	ND
OU2MW-01I	35-40	2
OU2MW-01S	20-25	69
OU2MW-02I	35-40	370
OU2MW-02S	20-25	5
OU2MW-03I	35-40	366
OU2MW-03S	20-25	30
OU2MW-04I	35-40	97
OU2MW-04S	20-25	841
OU2MW-05	25-35	466
OU2MW-06	15-25	ND
OU2MW-07	15-25	ND
OU2MW-08I	35-40	46
OU2MW-08S	20-25	1,078
OU2MW-09	20-30	ND
OU2MW-10I	35-40	78
OU2MW-11D	40-45	8
OU2MW-11I	20-25	170
OU2MW-11I2	30-35	98

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
OU2MW-12D	40-45	ND
OU2MW-12I	20-25	107
OU2MW-12I2	30-35	53
OU2MW-13D	35-40	34
OU2MW-13I	20-25	13
OU2MW-14I	20-25	ND
OU2MW-14I2	45-50	ND
OU2MW-15D	40-45	ND
OU2MW-15I	20-25	ND
OU2MW-15I2	30-35	ND
OU2MW-16D	35-40	ND
OU2MW-16I	15-20	ND
OU2MW-16I2	25-30	ND
OU2MW-17I	13-23	80
OU2MW-17I2	35-40	ND
OU2MW-18I	13-23	28,040
OU2MW-18I2	35-45	ND
OU2MW-19I	13-23	82
OU2MW-19I2	35-45	103
OU2MW-20I	13-23	819
OU2MW-20I2	35-45	ND
OU2MW-21I	13-23	4,930
OU2MW-21I2	35-45	479
OU2MW-22I	25-30	125
OU2MW-22I2	46-51	ND
OU2MW-23I	25-30	157
OU2MW-23I2	45-50	ND
OU2MW-24I	25-30	2,153
OU2MW-24I2	45-50	ND
OU2MW-25I	25-30	276
OU2MW-25I2	45-50	ND
OU2MW-26I	13-23	287
OU2MW-26I2	35-45	1,559
OU2MW-28I	28-33	93
OU2MW-28I2	40-45	1
OU2MW-29D	45-50	359
OU2MW-29I	18-23	1,122
OU2MW-29I2	30-35	87
OU2MW-29D	45-50	359
OU2MW-30I	25-30	208
OU2MW-30I2	30-35	43
OU2MW-30I3	45-50	254
OU2MW-31I	18-23	779
OU2MW-31I2	30-35	1
OU2MW-32D	40-45	25
OU2MW-32I	20-25	3,698
OU2MW-32I2	30-35	71
OU2MW-33I	20-25	3,159
OU2MW-33I2	30-35	77
OU2MW-34I	25-30	2,348
OU2MW-34I2	45-50	ND
OU2MW-35I	25-30	9
OU2MW-35I2	45-50	ND
OU2MW-36I	25-30	55
OU2MW-36I2	45-50	ND
OU2MW-37I	25-30	373
OU2MW-37I2	45-50	ND
OU2MW-38I	25-30	122

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
OU2MW-38I2	46-51	ND
OU2MW-39I	25-30	ND
OU2MW-39I2	45-50	ND
OU2MW-40I	18-23	270
OU2MW-41I	18-23	1,433
OU2MW-45I	20-25	10
OU2MW-45I2	40-45	ND
OU2MW-46I	20-25	1,991
OU2MW-46I2	40-45	375
OU2MW-47I	20-25	2,714
OU2MW-47I2	40-45	159
OZMW-16I	20-30	441
OZMW-16I2	35-40	12
OZMW-17I	20-30	74
OZMW-17I2	35-45	ND
OZMW-18I	20-30	178
OZMW-18I2	35-45	129
OZMW-22I	20-30	607
OZMW-22I2	35-45	2
OU-3		
BBMW-09I	20-30	ND
BBMW-28I	10-20	ND
BBMW-30D	30-35	ND
BBMW-30I	14-19	ND
BBMW-31D	30-35	3
BBMW-31I	14-19	3
BBMW-32D	30-35	ND
BBMW-32I	14-19	ND
MW-02IR	22.5-23.5	ND
MW-16I	14-19	ND
MW-26D	14-19	ND
MW-29D	14-19	ND
MW-34D	27.5-28.5	ND
MW-34I	18.5-19.5	ND
MW-64	19-24	ND
MW-65	11-16	ND
MW-66D	24-29	ND
MW-BS-02D	24.5-25.5	ND
MW-BS-02I	14.5-15.5	ND
OU-4		
WCMW-01I	35-45	ND
WCMW-02I	34.5 - 44.5	ND
WCMW-03I	19.4 - 24.4	ND
WCMW-03I2	28.55 - 33.55	ND
WCMW-04I	19.4-24.4	ND
WCMW-04I2	29.85 - 34.85	ND
WCMW-05I	19.61 - 24.61	ND
WCMW-05I2	29.46 - 34.46	ND
WCMW-06I	19.55 - 24.55	ND
WCMW-06I2	29.83 - 34.83	ND
WCMW-10S	15-20	ND
WCMW-10D	40-50	ND
WCMW-12I	25-30	ND
WCMW-13I	25-30	ND
WCMW-14I	20-25	ND
WCMW-14I2	30-35	ND
WCMW-16I	20-25	ND
WCMW-16I2	30-35	ND

Q4 2016

Q4 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01I	32-42	ND
BBMW-20I	35-45	ND
BBMW-22I	30-40	335.3
BBMW-23I	33-43	ND
BBMW-34I	25-30	1063.3
BBMW-34I2	40-45	34*
BBMW-37I	20-30	ND
BBMW-37I2	35-45	ND
BBMW-38I	25-30	4*
BBMW-38I2	35-45	3*
BBMW-39I	25-30	ND
BBMW-40I	25-30	ND
BBMW-41I	25-30	ND
BBMW-42I	15-25	ND
BBMW-42I2	35-45	ND
MW-05D	35.5-45.5	42.3
OU2MW-02S	20-25	ND
OU2MW-02I	35-40	ND
OU2MW-04I	35-40	ND
OU2MW-12I	20-25	ND
OU2MW-12D	30-35	ND
OU2MW-19I	40-45	ND
OU2MW-19I2	13-23	ND
OU2MW-29D	35-45	ND
OU2MW-30I	45-50	ND
OU2MW-30I3	25-30	ND
OU2MW-32D	45-50	ND
OU2MW-39I	40-45	ND
OU2MW-39I2	25-30	ND
OU2MW-42I2	45-50	ND
OU2MW-47I	20-25	ND
OU2MW-47I2	40-45	ND
OU2MW-50I	25-30	ND
OU2MW-50I2	45-50	ND
OU2MW-57I	20-30	ND
OU2MW-57I2	35-45	1.1
OZMW-16I	20-30	2.2
OZMW-16I2	35-45	4.7
OZMW-17I	20-30	ND
OZMW-17I2	35-45	ND
OZMW-18I	20-30	1

Q4 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
OZMW-18I2	35-45	ND
OZMW-19I	20-30	280.2
OZMW-19I2	35-45	396.6
OZMW-21I	20-30	350*
OZMW-21I2	35-45	245.3
OZMW-23I	20-30	ND
OZMW-23I2	35-45	ND
OZMW-24I	20-30	ND
OZMW-24I2	35-45	62.9
OZMW-25I	20-30	381.3
OZMW-25I2	35-45	37.6
OZMW-26I2	35-45	23
OU-3		
IP-16A	14-15	ND
IP-16B	24-25	ND
IP-18A	14-15	ND
IP-18B	24-25	ND
IP-20A	14-15	ND
IP-20B	24-25	ND
MW-64	19-24	ND
OU3MW-07I	15-20	ND
OU3MW-07I2	20-25	ND
OU3MW-07I3	25-30	ND
OU3MW-07I4	35-40	ND
OU3MW-09I	25-30	3579
OU3MW-10I	25-30	54.9
OU3MW-19I	20-25	ND
OU3MW-19I2	30-35	ND
OU3MW-20I	20-25	ND
OU3MW-20I2	30-35	ND
OU3MW-22I/IP-15A	10-15	ND
OU3MW-22I2/IP-15B	25-30	ND
OU3MW-23I/IP-17B	10-15	151.9
OU3MW-23I2/IP-17A	25-30	ND
OU3MW-24I/IP-19A	10-15	27.6
OU3MW-24I2/IP-19B	25-30	ND
SV-02I	22-27	ND
OU-4		
WCMW-04I	19-24	9.6
WCMW-05I	19.61-24.61	ND
WCMW-05I2	29.46-34.46	ND
WCMW-14I	20-25	ND
WCMW-30I	20-25	6.7

NOTE:

* INDICATES WELL NOT SAMPLED IN Q3 2016 DUE TO MEASURABLE LEVELS OF DNAPL. THE AVERAGE CONCENTRATIONS FROM THE FOUR MOST RECENT SAMPLING EVENTS WERE USED TO GENERATE CONTOURS.

0 400 800

SCALE, FEET

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- ⊕BBMW-38I — WELL NOT SAMPLED IN Q4 2015 DUE TO MEASURABLE LEVELS OF DNAPL
- µg/L — MICROGRAMS PER LITER
- BTEX ≧100 µg/L
- BTEX ≧1,000 µg/L
- BTEX ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- BTEX — BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

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INTERMEDIATE GROUNDWATER
TOTAL BTEX
ISO-CONCENTRATION MAPS
(10-50 FEET BGS)

May 2017 Fig. 5

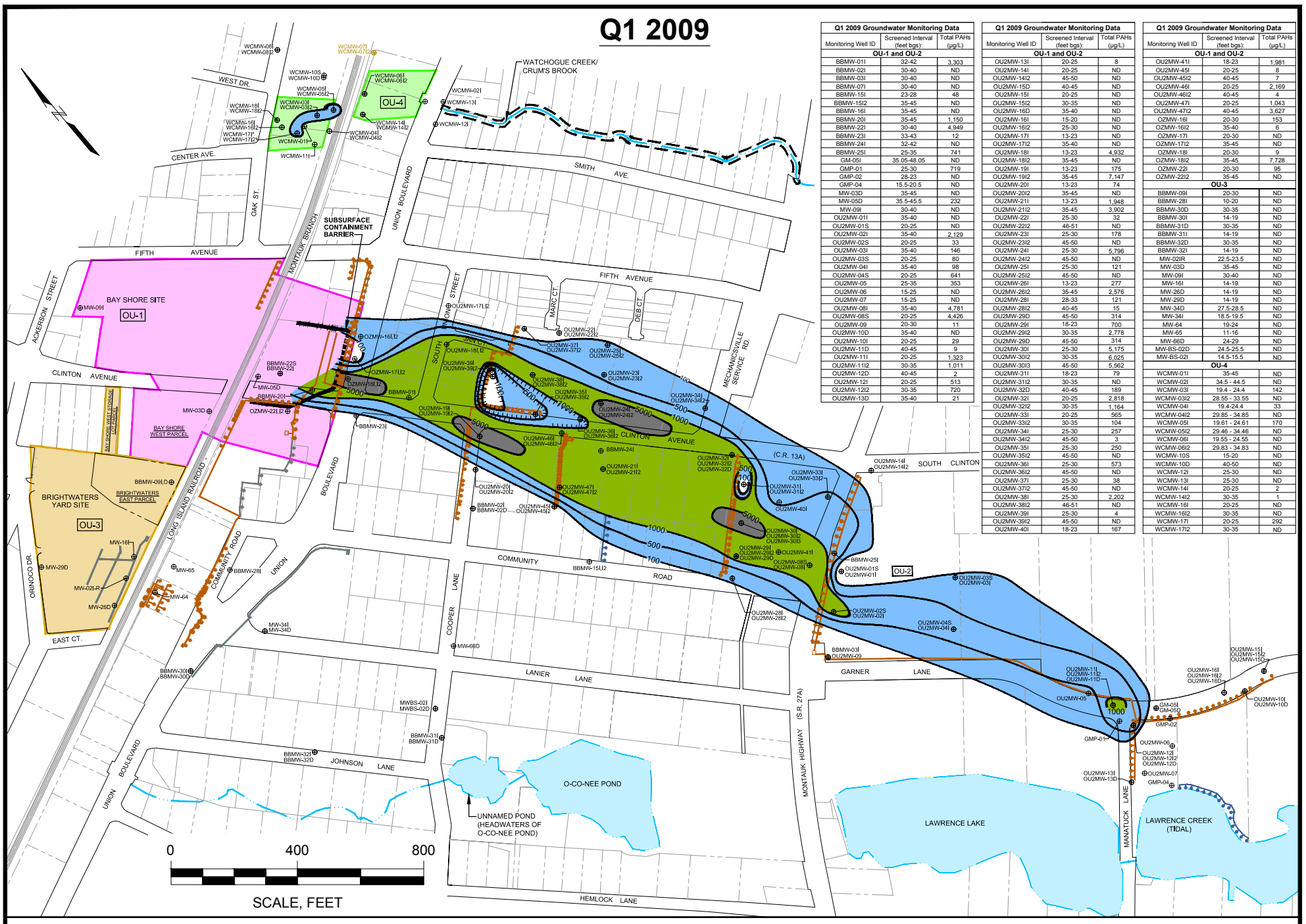
---- I:\Project\National Grid\Bay Shore\Groundwater-Quarterly Monitoring\2016\Figures\Q4\BAY SHORE-BTEX & PAH PLUMES Q4-2016.dwg - 5/1/2017

Q1 2009

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01I	32-42	3,303
BBMW-02I	30-40	ND
BBMW-03I	30-40	ND
BBMW-07I	30-40	ND
BBMW-15I	23-28	48
BBMW-15I2	35-45	ND
BBMW-16I	35-45	ND
BBMW-20I	35-45	1,150
BBMW-22I	30-40	4,949
BBMW-23I	33-43	12
BBMW-24I	32-42	ND
BBMW-25I	25-35	741
GM-05I	35.05-48.05	ND
GMP-01	25-30	719
GMP-02	28-23	ND
GMP-04	15.5-20.5	ND
MW-03D	35-45	ND
MW-05D	35.5-45.5	232
MW-09I	30-40	ND
OU2MW-01I	35-40	ND
OU2MW-01S	20-25	ND
OU2MW-02I	35-40	2,129
OU2MW-02S	20-25	33
OU2MW-03I	35-40	146
OU2MW-03S	20-25	80
OU2MW-04I	35-40	98
OU2MW-04S	20-25	641
OU2MW-05	25-35	353
OU2MW-06	15-25	ND
OU2MW-07	15-25	ND
OU2MW-08I	35-40	4,781
OU2MW-08S	20-25	4,426
OU2MW-09	20-30	11
OU2MW-10D	35-40	ND
OU2MW-10I	20-25	29
OU2MW-11D	40-45	9
OU2MW-11I	20-25	1,323
OU2MW-11I2	30-35	1,011
OU2MW-12D	40-45	2
OU2MW-12I	20-25	513
OU2MW-12I2	30-35	720
OU2MW-13D	35-40	21

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
OU2MW-13I	20-25	8
OU2MW-14I	20-25	ND
OU2MW-14I2	45-50	ND
OU2MW-15D	40-45	ND
OU2MW-15I	20-25	ND
OU2MW-15I2	30-35	ND
OU2MW-16D	35-40	ND
OU2MW-16I	15-20	ND
OU2MW-16I2	25-30	ND
OU2MW-17I	13-23	ND
OU2MW-17I2	35-40	ND
OU2MW-18I	13-23	4,932
OU2MW-18I2	35-45	ND
OU2MW-19I	13-23	175
OU2MW-19I2	35-45	7,147
OU2MW-20I	13-23	74
OU2MW-20I2	35-45	ND
OU2MW-21I	13-23	1,948
OU2MW-21I2	35-45	3,902
OU2MW-22I	25-30	32
OU2MW-22I2	46-51	ND
OU2MW-23I	25-30	178
OU2MW-23I2	45-50	ND
OU2MW-24I	25-30	5,796
OU2MW-24I2	45-50	ND
OU2MW-25I	25-30	121
OU2MW-25I2	45-50	ND
OU2MW-26I	13-23	277
OU2MW-26I2	35-45	2,576
OU2MW-28I	28-33	121
OU2MW-28I2	40-45	15
OU2MW-29D	45-50	314
OU2MW-29I	18-23	700
OU2MW-29I2	30-35	2,778
OU2MW-29D	45-50	314
OU2MW-30I	25-30	5,175
OU2MW-30I2	30-35	6,025
OU2MW-30I3	45-50	5,562
OU2MW-31I	18-23	79
OU2MW-31I2	30-35	ND
OU2MW-32D	40-45	189
OU2MW-32I	20-25	2,818
OU2MW-32I2	30-35	1,164
OU2MW-33I	20-25	565
OU2MW-33I2	30-35	104
OU2MW-34I	25-30	257
OU2MW-34I2	45-50	3
OU2MW-35I	25-30	250
OU2MW-35I2	45-50	ND
OU2MW-36I	25-30	573
OU2MW-36I2	45-50	ND
OU2MW-37I	25-30	38
OU2MW-37I2	45-50	ND
OU2MW-38I	25-30	2,202
OU2MW-38I2	46-51	ND
OU2MW-39I	25-30	4
OU2MW-39I2	45-50	ND
OU2MW-40I	18-23	167

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
OU2MW-41I	18-23	1,981
OU2MW-45I	20-25	8
OU2MW-45I2	40-45	7
OU2MW-46I	20-25	2,169
OU2MW-46I2	40-45	4
OU2MW-47I	20-25	1,043
OU2MW-47I2	40-45	3,627
OZMW-16I	20-30	153
OZMW-16I2	35-40	6
OZMW-17I	20-30	ND
OZMW-17I2	35-45	ND
OZMW-18I	20-30	9
OZMW-18I2	35-45	7,728
OZMW-22I	20-30	95
OZMW-22I2	35-45	ND
OU-3		
BBMW-09I	20-30	ND
BBMW-28I	10-20	ND
BBMW-30D	30-35	ND
BBMW-30I	14-19	ND
BBMW-31D	30-35	ND
BBMW-31I	14-19	ND
BBMW-32D	30-35	ND
BBMW-32I	14-19	ND
MW-02IR	22.5-23.5	ND
MW-03D	35-45	ND
MW-09I	30-40	ND
MW-16I	14-19	ND
MW-26D	14-19	ND
MW-29D	14-19	ND
MW-34D	27.5-28.5	ND
MW-34I	18.5-19.5	ND
MW-64	19-24	ND
MW-65	11-16	ND
MW-66D	24-29	ND
MW-BS-02D	24.5-25.5	ND
MW-BS-02I	14.5-15.5	ND
OU-4		
WCMW-01I	35-45	ND
WCMW-02I	34.5 - 44.5	ND
WCMW-03I	19.4 - 24.4	142
WCMW-03I2	28.55 - 33.55	ND
WCMW-04I	19.4-24.4	33
WCMW-04I2	29.85 - 34.85	ND
WCMW-05I	19.61 - 24.61	170
WCMW-05I2	29.46 - 34.46	ND
WCMW-06I	19.55 - 24.55	ND
WCMW-06I2	29.83 - 34.83	ND
WCMW-10S	15-20	ND
WCMW-10D	40-50	ND
WCMW-12I	25-30	ND
WCMW-13I	25-30	ND
WCMW-14I	20-25	2
WCMW-14I2	30-35	1
WCMW-16I	20-25	ND
WCMW-16I2	30-35	ND
WCMW-17I	20-25	292
WCMW-17I2	30-35	ND



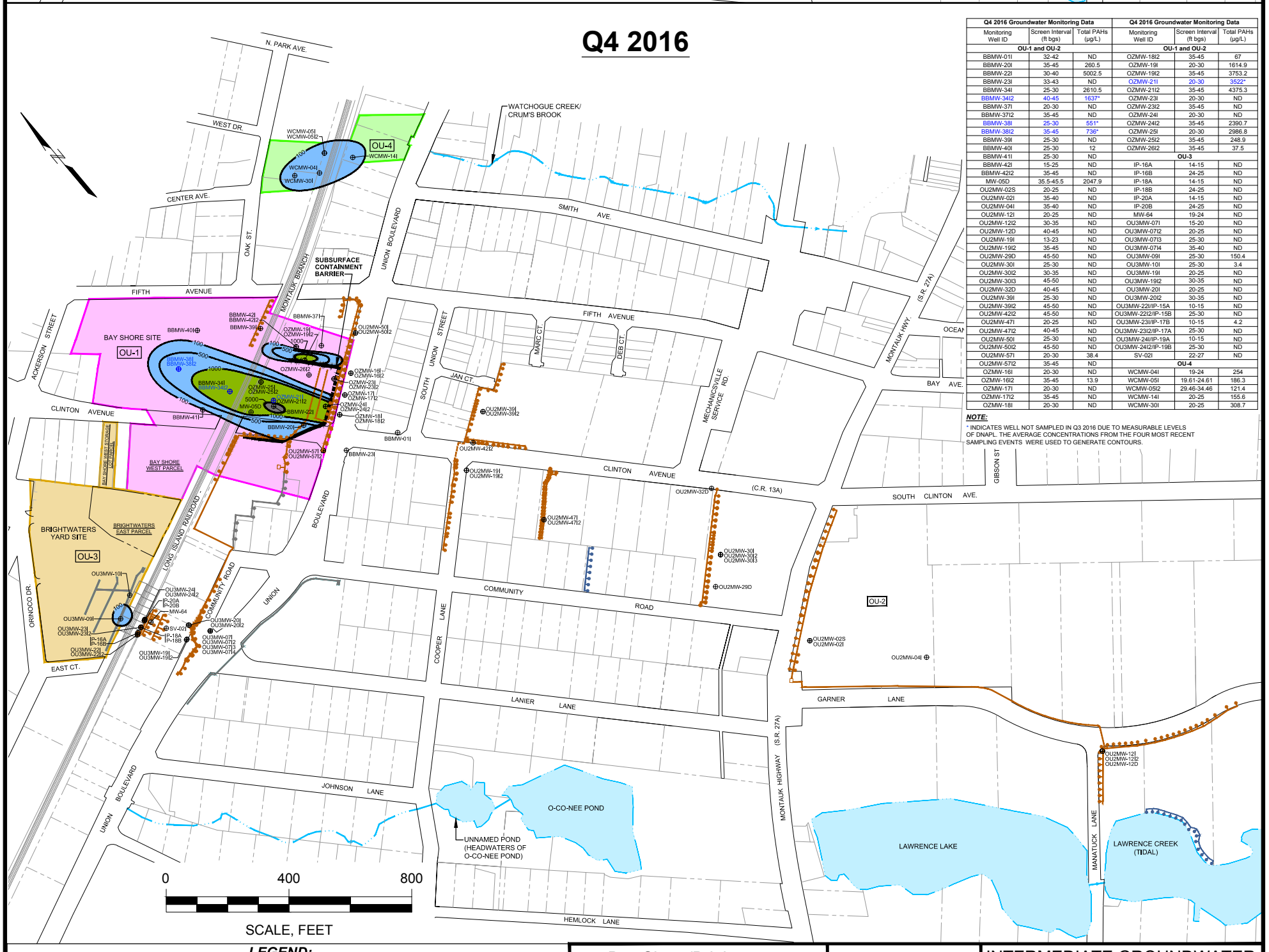
Q4 2016

Q4 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01I	32-42	ND
BBMW-20I	35-45	260.5
BBMW-22I	30-40	5002.5
BBMW-23I	33-43	ND
BBMW-34I	25-30	2610.5
BBMW-34I2	40-45	1637*
BBMW-37I	20-30	ND
BBMW-37I2	35-45	ND
BBMW-38I	25-30	551*
BBMW-38I2	35-45	736*
BBMW-39I	25-30	ND
BBMW-40I	25-30	12
BBMW-41I	25-30	ND
BBMW-42I	15-25	ND
BBMW-42I2	35-45	ND
MW-05D	35.5-45.5	2047.9
OU2MW-02S	20-25	ND
OU2MW-02I	35-40	ND
OU2MW-04I	35-40	ND
OU2MW-12I	20-25	ND
OU2MW-12I2	30-35	ND
OU2MW-12D	40-45	ND
OU2MW-19I	13-23	ND
OU2MW-19I2	35-45	ND
OU2MW-29D	45-50	ND
OU2MW-30I	25-30	ND
OU2MW-30I2	30-35	ND
OU2MW-30I3	45-50	ND
OU2MW-32D	40-45	ND
OU2MW-39I	25-30	ND
OU2MW-39I2	45-50	ND
OU2MW-42I	45-50	ND
OU2MW-47I	20-25	ND
OU2MW-47I2	40-45	ND
OU2MW-50I	25-30	ND
OU2MW-50I2	45-50	ND
OU2MW-57I	20-30	38.4
OU2MW-57I2	35-45	ND
OZMW-16I	20-30	ND
OZMW-16I2	35-45	13.9
OZMW-17I	20-30	ND
OZMW-17I2	35-45	ND
OZMW-18I	20-30	ND

Q4 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
OZMW-18I2	35-45	67
OZMW-19I	20-30	1614.9
OZMW-19I2	35-45	3753.2
OZMW-21I	20-30	3522*
OZMW-21I2	35-45	4375.3
OZMW-23I	20-30	ND
OZMW-23I2	35-45	ND
OZMW-24I	20-30	ND
OZMW-24I2	35-45	2390.7
OZMW-25I	20-30	2986.8
OZMW-25I2	35-45	248.9
OZMW-26I2	35-45	37.5
OU-3		
IP-16A	14-15	ND
IP-16B	24-25	ND
IP-18A	14-15	ND
IP-18B	24-25	ND
IP-20A	14-15	ND
IP-20B	24-25	ND
MW-64	19-24	ND
OU3MW-07I	15-20	ND
OU3MW-07I2	20-25	ND
OU3MW-07I3	25-30	ND
OU3MW-07I4	35-40	ND
OU3MW-09I	25-30	150.4
OU3MW-10I	25-30	3.4
OU3MW-19I	20-25	ND
OU3MW-19I2	30-35	ND
OU3MW-20I	20-25	ND
OU3MW-20I2	30-35	ND
OU3MW-22I/IP-15A	10-15	ND
OU3MW-22I2/IP-15B	25-30	ND
OU3MW-23I/IP-17B	10-15	4.2
OU3MW-23I2/IP-17A	25-30	ND
OU3MW-24I/IP-19A	10-15	ND
OU3MW-24I2/IP-19B	25-30	ND
SV-02I	22-27	ND
OU-4		
WCMW-04I	19-24	254
WCMW-05I	19.61-24.61	186.3
WCMW-05I2	29.46-34.46	121.4
WCMW-14I	20-25	155.6
WCMW-30I	20-25	308.7

NOTE:

* INDICATES WELL NOT SAMPLED IN Q3 2016 DUE TO MEASURABLE LEVELS OF DNAPL. THE AVERAGE CONCENTRATIONS FROM THE FOUR MOST RECENT SAMPLING EVENTS WERE USED TO GENERATE CONTOURS.



LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- ⊕BBMW-38I — WELL NOT SAMPLED IN Q32015 DUE TO MEASURABLE LEVELS OF DNAPL
- µg/L — MICROGRAMS PER LITER
- TOTAL PAH ≧100 µg/L
- TOTAL PAH ≧1,000 µg/L
- TOTAL PAH ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- PAH — POLYCYCLIC AROMATIC HYDROCARBONS

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

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INTERMEDIATE GROUNDWATER
PAH ISO-CONCENTRATION
MAPS
(10-50 FEET BGS)

Project 093180 | May 2017 | Fig. 6

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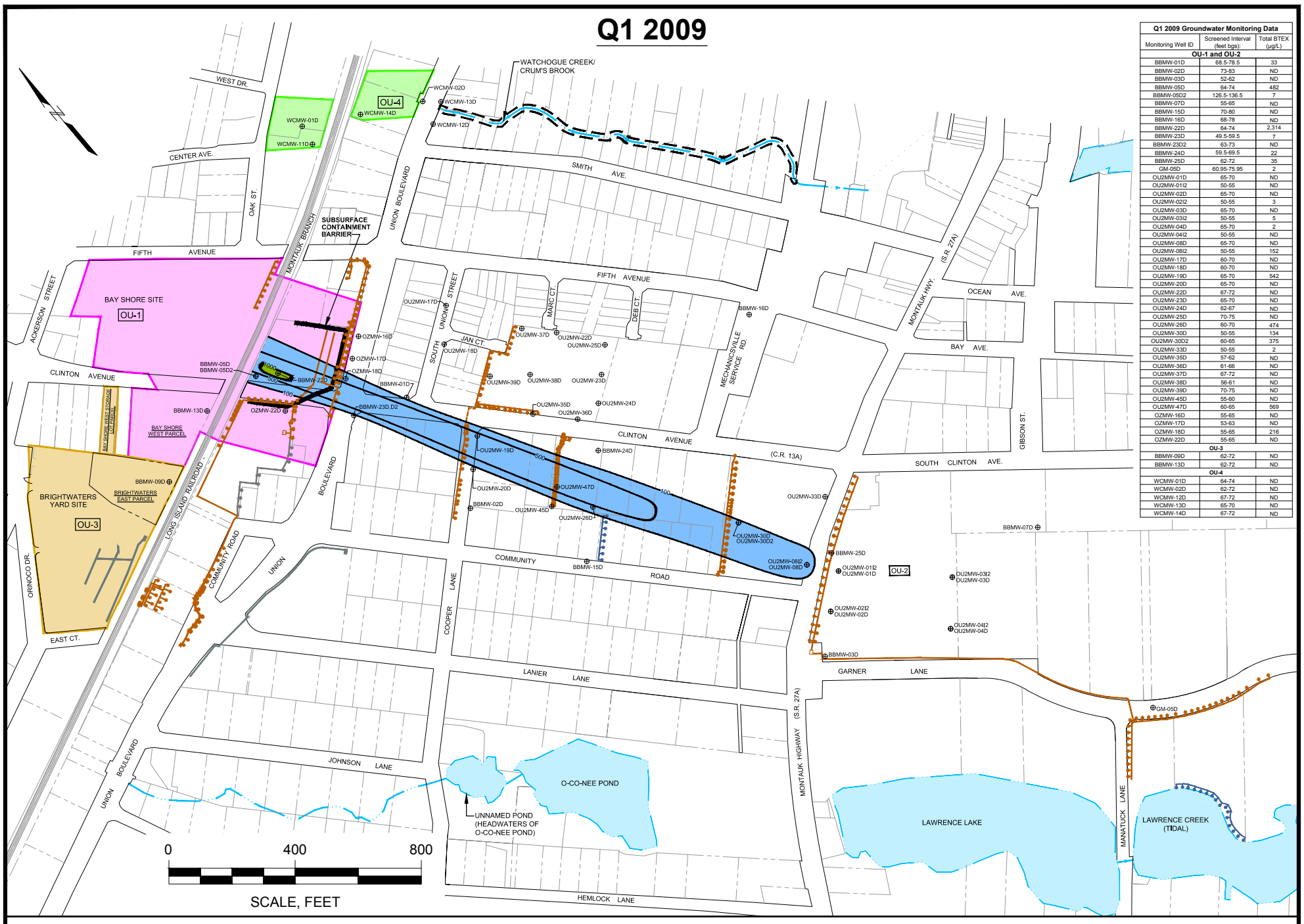
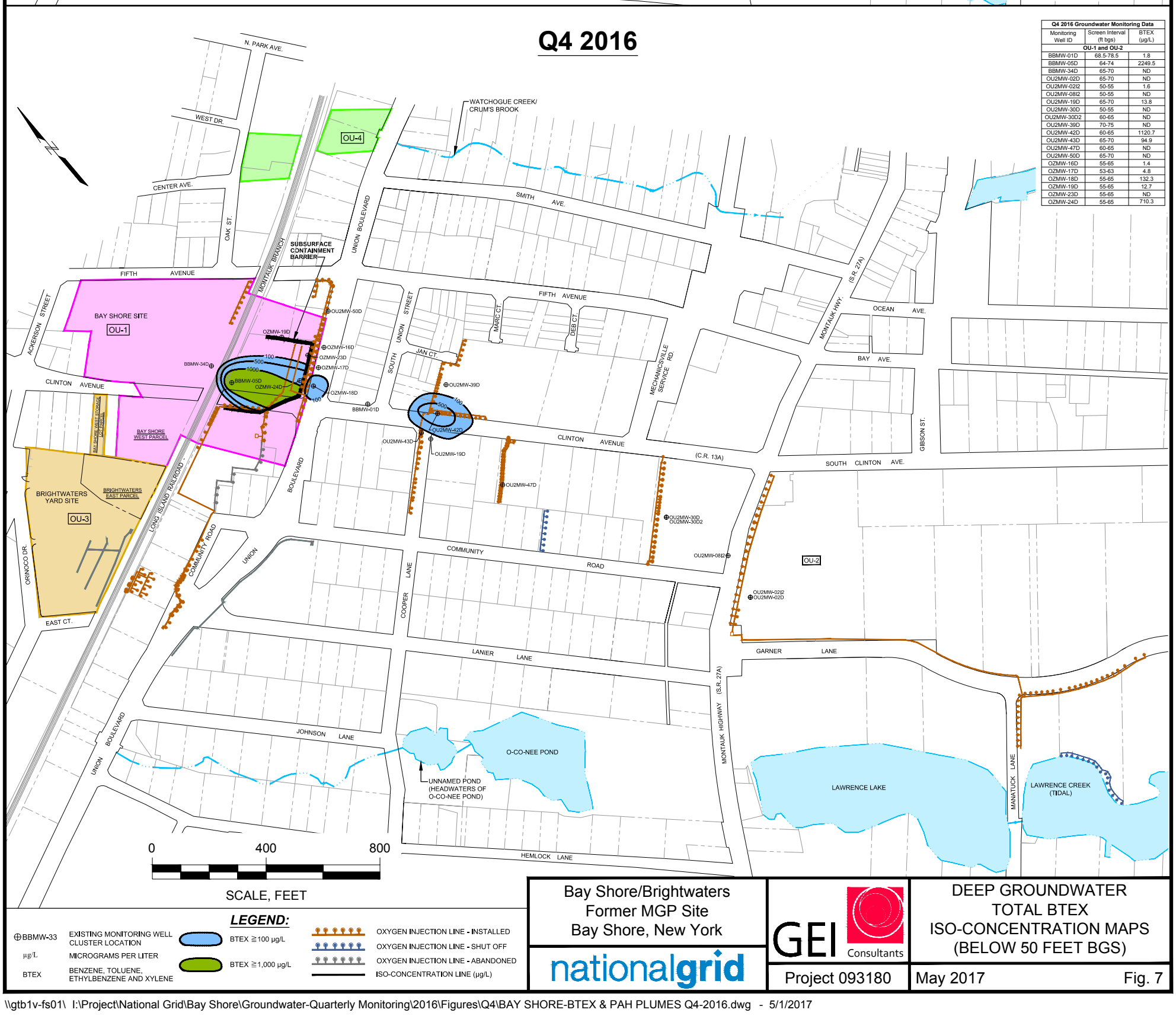
Q1 2009

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	33
BBMW-02D	73-83	ND
BBMW-03D	52-62	ND
BBMW-05D	64-74	482
BBMW-05D2	126.5-136.5	7
BBMW-07D	55-65	ND
BBMW-15D	70-80	ND
BBMW-16D	68-78	ND
BBMW-22D	64-74	2,314
BBMW-23D	49.5-59.5	7
BBMW-23D2	63-73	ND
BBMW-24D	59.5-69.5	22
BBMW-25D	62-72	35
GM-05D	60.95-75.95	2
OU2MW-01D	65-70	ND
OU2MW-01I2	50-55	ND
OU2MW-02D	65-70	ND
OU2MW-02I2	50-55	3
OU2MW-03D	65-70	ND
OU2MW-03I2	50-55	5
OU2MW-04D	65-70	2
OU2MW-04I2	50-55	ND
OU2MW-08D	65-70	ND
OU2MW-08I2	50-55	152
OU2MW-17D	60-70	ND
OU2MW-18D	60-70	ND
OU2MW-19D	65-70	542
OU2MW-20D	65-70	ND
OU2MW-22D	67-72	ND
OU2MW-23D	65-70	ND
OU2MW-24D	62-67	ND
OU2MW-25D	70-75	ND
OU2MW-26D	60-70	474
OU2MW-30D	50-55	134
OU2MW-30D2	60-65	375
OU2MW-33D	50-55	2
OU2MW-35D	57-62	ND
OU2MW-36D	61-66	ND
OU2MW-37D	67-72	ND
OU2MW-38D	56-61	ND
OU2MW-39D	70-75	ND
OU2MW-45D	55-60	ND
OU2MW-47D	60-65	569
OZMW-16D	55-65	ND
OZMW-17D	53-63	ND
OZMW-18D	55-65	216
OZMW-22D	55-65	ND
OU-3		
BBMW-09D	62-72	ND
BBMW-13D	62-72	ND
OU-4		
WCMW-01D	64-74	ND
WCMW-02D	62-72	ND
WCMW-12D	67-72	ND
WCMW-13D	65-70	ND
WCMW-14D	67-72	ND



Q4 2016

Q4 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	1.8
BBMW-05D	64-74	2249.5
BBMW-34D	65-70	ND
OU2MW-02D	65-70	ND
OU2MW-02I2	50-55	1.6
OU2MW-08I2	50-55	ND
OU2MW-19D	65-70	13.8
OU2MW-30D	50-55	ND
OU2MW-30D2	60-65	ND
OU2MW-39D	70-75	ND
OU2MW-42D	60-65	1120.7
OU2MW-43D	65-70	94.9
OU2MW-47D	60-65	ND
OU2MW-50D	65-70	ND
OZMW-16D	55-65	1.4
OZMW-17D	53-63	4.8
OZMW-18D	55-65	132.3
OZMW-19D	55-65	12.7
OZMW-23D	55-65	ND
OZMW-24D	55-65	710.3



LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- BTEX — BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE
- BTEX ≧100 µg/L
- BTEX ≧1,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)

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DEEP GROUNDWATER
TOTAL BTEX
ISO-CONCENTRATION MAPS
(BELOW 50 FEET BGS)

Project 093180 | May 2017 | Fig. 7

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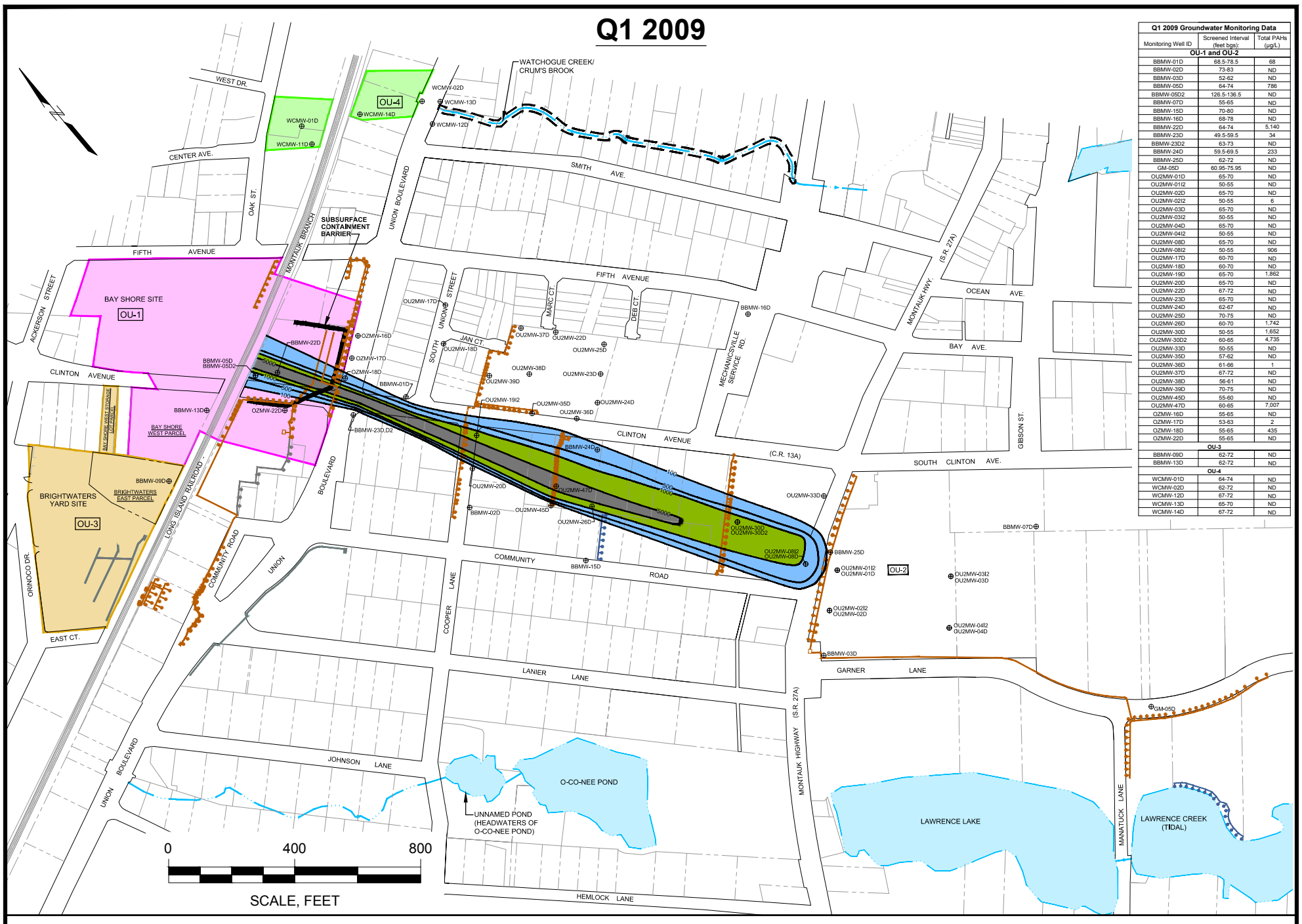
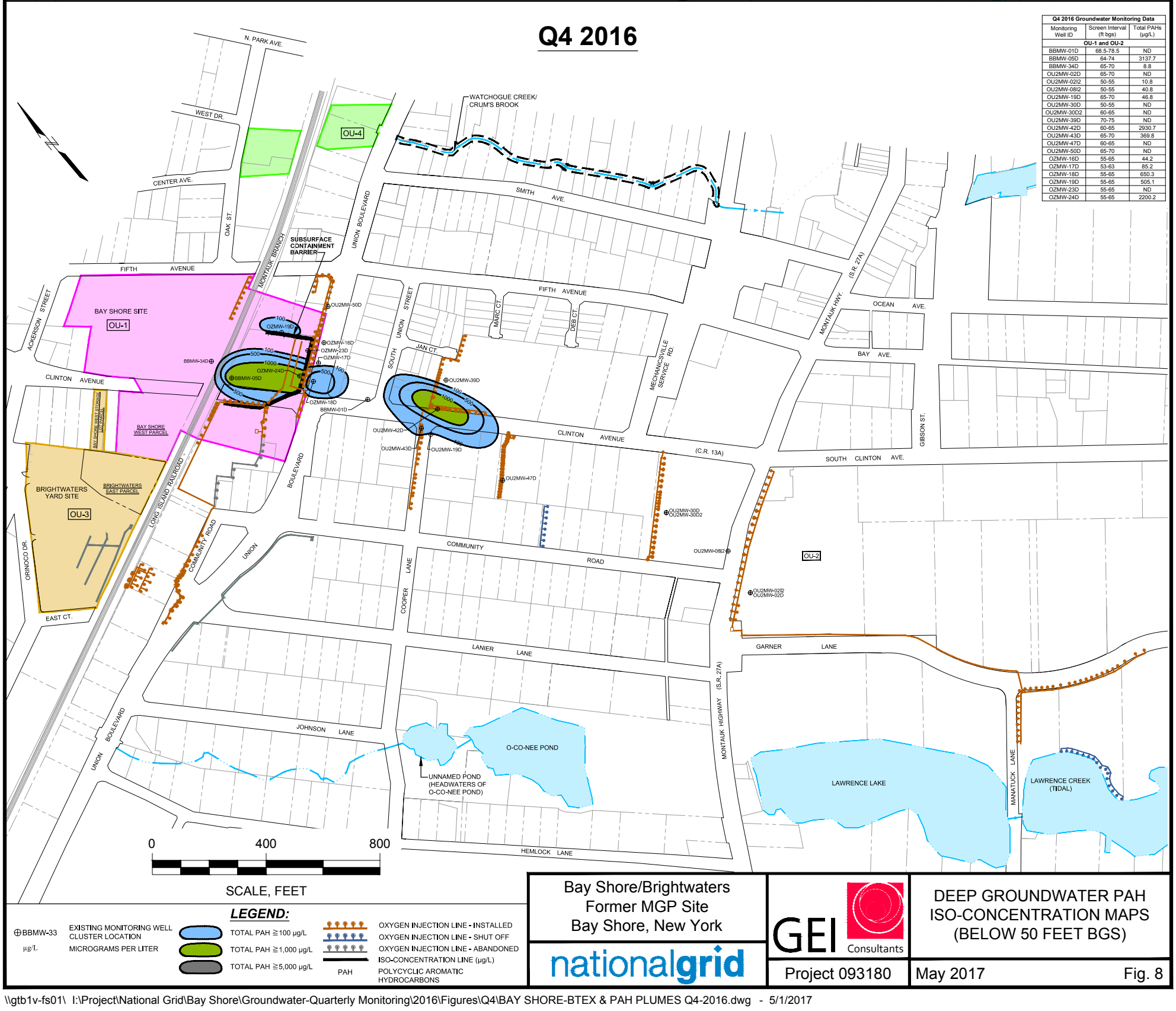
Q1 2009

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	68
BBMW-02D	73-83	ND
BBMW-03D	52-62	ND
BBMW-05D	64-74	786
BBMW-05D2	126.5-136.5	ND
BBMW-07D	55-65	ND
BBMW-15D	70-80	ND
BBMW-16D	68-78	ND
BBMW-22D	64-74	5,140
BBMW-23D	49.5-59.5	34
BBMW-23D2	63-73	ND
BBMW-24D	59.5-69.5	233
BBMW-25D	62-72	ND
GM-05D	60.95-75.95	ND
OU2MW-01D	65-70	ND
OU2MW-01I2	50-55	ND
OU2MW-02D	65-70	ND
OU2MW-02I2	50-55	6
OU2MW-03D	65-70	ND
OU2MW-03I2	50-55	ND
OU2MW-04D	65-70	ND
OU2MW-04I2	50-55	ND
OU2MW-08D	65-70	ND
OU2MW-08I2	50-55	906
OU2MW-17D	60-70	ND
OU2MW-18D	60-70	ND
OU2MW-19D	65-70	1,862
OU2MW-20D	65-70	ND
OU2MW-22D	67-72	ND
OU2MW-23D	65-70	ND
OU2MW-24D	62-67	ND
OU2MW-25D	70-75	ND
OU2MW-26D	60-70	1,742
OU2MW-30D	50-55	1,652
OU2MW-30D2	60-65	4,735
OU2MW-33D	50-55	ND
OU2MW-35D	57-62	ND
OU2MW-36D	61-66	1
OU2MW-37D	67-72	ND
OU2MW-38D	56-61	ND
OU2MW-39D	70-75	ND
OU2MW-45D	55-60	ND
OU2MW-47D	60-65	7,007
OZMW-16D	55-65	ND
OZMW-17D	53-63	2
OZMW-18D	55-65	435
OZMW-22D	55-65	ND
OU-3		
BBMW-09D	62-72	ND
BBMW-13D	62-72	ND
OU-4		
WCMW-01D	64-74	ND
WCMW-02D	62-72	ND
WCMW-12D	67-72	ND
WCMW-13D	65-70	ND
WCMW-14D	67-72	ND



Q4 2016

Q4 2016 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	ND
BBMW-05D	64-74	3137.7
BBMW-34D	65-70	8.8
OU2MW-02D	65-70	ND
OU2MW-02I2	50-55	10.8
OU2MW-08I2	50-55	40.8
OU2MW-19D	65-70	46.8
OU2MW-30D	50-55	ND
OU2MW-30D2	60-65	ND
OU2MW-39D	70-75	ND
OU2MW-42D	60-65	2930.7
OU2MW-43D	65-70	369.8
OU2MW-47D	60-65	ND
OU2MW-50D	65-70	ND
OZMW-16D	55-65	44.2
OZMW-17D	53-63	85.2
OZMW-18D	55-65	650.3
OZMW-19D	55-65	505.1
OZMW-23D	55-65	ND
OZMW-24D	55-65	2200.2



LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- TOTAL PAH ≧100 µg/L
- TOTAL PAH ≧1,000 µg/L
- TOTAL PAH ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- PAH — POLYCYCLIC AROMATIC HYDROCARBONS

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DEEP GROUNDWATER PAH
ISO-CONCENTRATION MAPS
(BELOW 50 FEET BGS)

Project 093180 | May 2017 | Fig. 8

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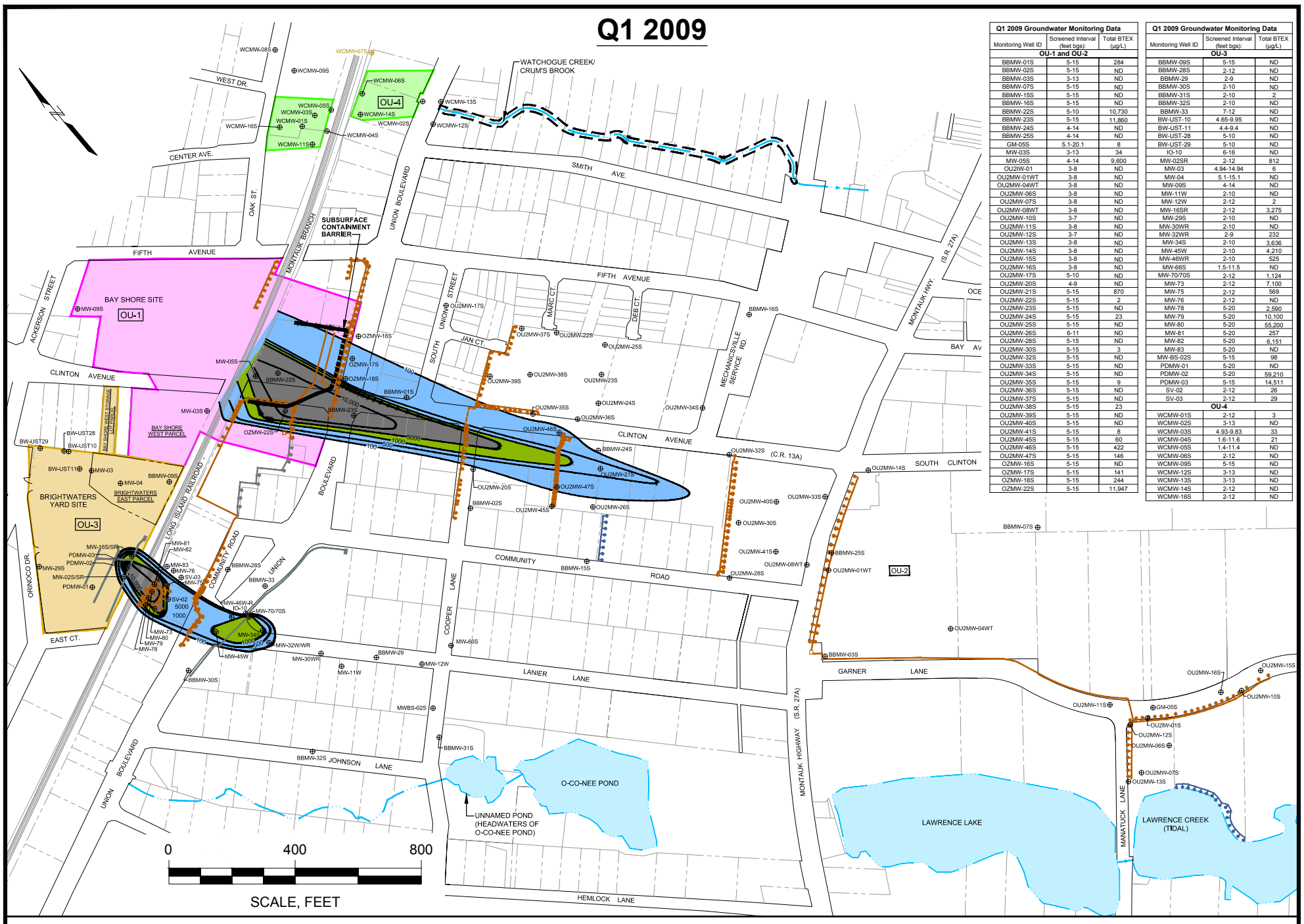
Q1 2009

Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
BBMW-01S	5-15	284
BBMW-02S	5-15	ND
BBMW-03S	3-13	ND
BBMW-07S	5-15	ND
BBMW-15S	5-15	ND
BBMW-16S	5-15	ND
BBMW-22S	5-10	10,730
BBMW-23S	5-15	11,860
BBMW-24S	4-14	ND
BBMW-25S	4-14	ND
GM-05S	5.1-20.1	8
MW-03S	3-13	34
MW-05S	4-14	9,600
OU2IW-01	3-8	ND
OU2MW-01WT	3-8	ND
OU2MW-04WT	3-8	ND
OU2MW-06S	3-8	ND
OU2MW-07S	3-8	ND
OU2MW-08WT	3-8	ND
OU2MW-10S	3-7	ND
OU2MW-11S	3-8	ND
OU2MW-12S	3-7	ND
OU2MW-13S	3-8	ND
OU2MW-14S	3-8	ND
OU2MW-15S	3-8	ND
OU2MW-16S	3-8	ND
OU2MW-17S	5-10	ND
OU2MW-20S	4-9	ND
OU2MW-21S	5-15	870
OU2MW-22S	5-15	2
OU2MW-23S	5-15	ND
OU2MW-24S	5-15	23
OU2MW-25S	5-15	ND
OU2MW-26S	6-11	ND
OU2MW-28S	5-15	ND
OU2MW-30S	5-15	3
OU2MW-32S	5-15	ND
OU2MW-33S	5-15	ND
OU2MW-34S	5-15	ND
OU2MW-35S	5-15	9
OU2MW-36S	5-15	ND
OU2MW-37S	5-15	ND
OU2MW-38S	5-15	23
OU2MW-39S	5-15	ND
OU2MW-40S	5-15	ND
OU2MW-41S	5-15	8
OU2MW-45S	5-15	60
OU2MW-46S	5-15	422
OU2MW-47S	5-15	146
OZMW-16S	5-15	ND
OZMW-17S	5-15	141
OZMW-18S	5-15	244
OZMW-22S	5-15	11,947

Q1 2009 Groundwater Monitoring Data

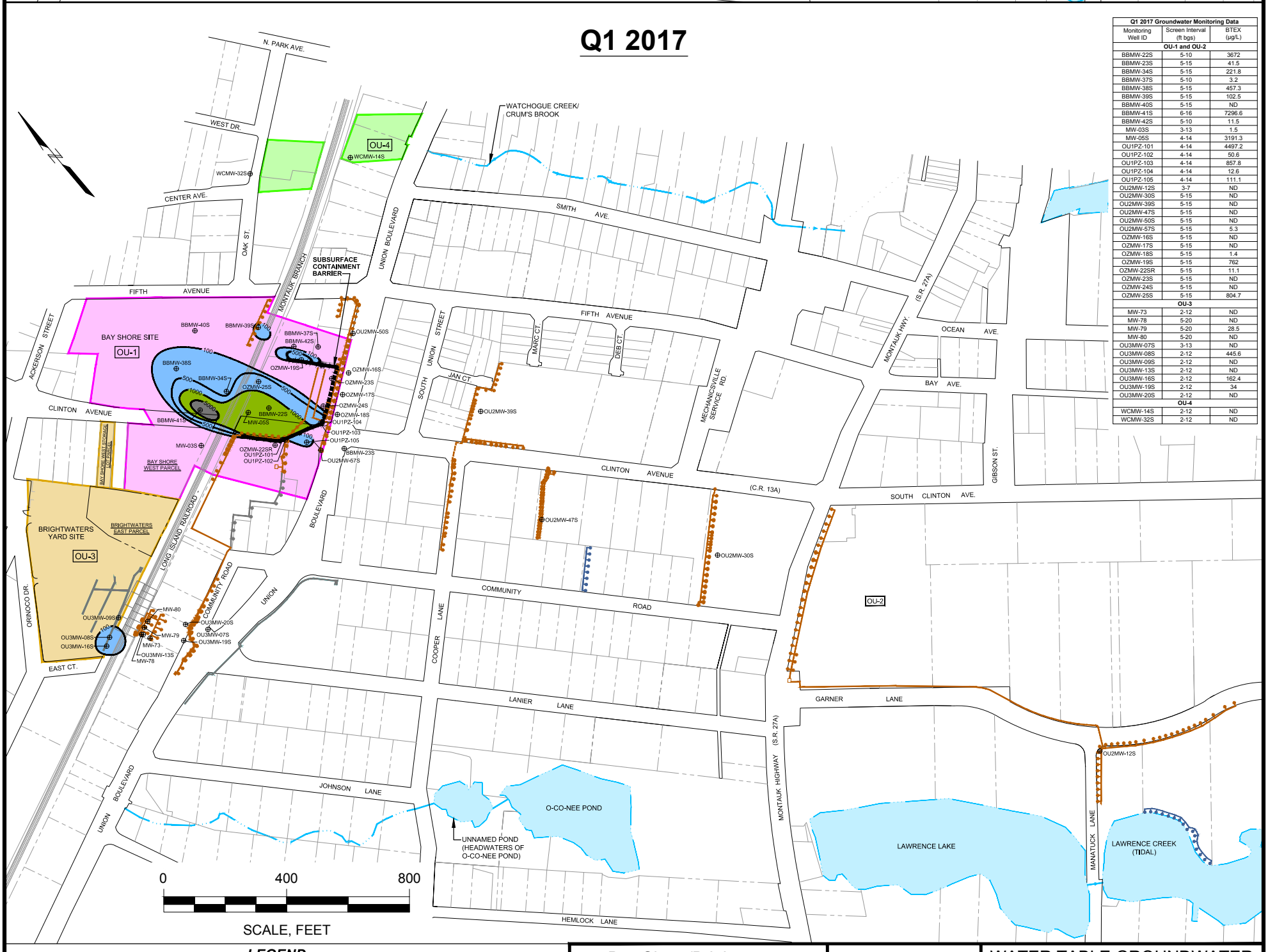
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-3		
BBMW-09S	5-15	ND
BBMW-28S	2-12	ND
BBMW-29	2-9	ND
BBMW-30S	2-10	ND
BBMW-31S	2-10	2
BBMW-32S	2-10	ND
BBMW-33	7-12	ND
BW-UST-10	4.65-9.95	ND
BW-UST-11	4.4-9.4	ND
BW-UST-28	5-10	ND
BW-UST-29	5-10	ND
IO-10	6-16	ND
MW-02SR	2-12	812
MW-03	4.94-14.94	6
MW-04	5.1-15.1	ND
MW-09S	4-14	ND
MW-11W	2-10	ND
MW-12W	2-12	2
MW-16SR	2-12	3,275
MW-29S	2-10	ND
MW-30WR	2-10	ND
MW-32WR	2-9	232
MW-34S	2-10	3,636
MW-45W	2-10	4,210
MW-46WR	2-10	525
MW-66S	1.5-11.5	ND
MW-70/70S	2-12	1,124
MW-73	2-12	7,100
MW-75	2-12	569
MW-76	2-12	ND
MW-78	5-20	2,590
MW-79	5-20	10,100
MW-80	5-20	55,200
MW-81	5-20	257
MW-82	5-20	6,151
MW-83	5-20	ND
MW-BS-02S	5-15	98
PDMW-01	5-20	ND
PDMW-02	5-20	59,210
PDMW-03	5-15	14,511
SV-02	2-12	26
SV-03	2-12	29
OU-4		
WCMW-01S	2-12	3
WCMW-02S	3-13	ND
WCMW-03S	4.93-9.83	33
WCMW-04S	1.6-11.6	21
WCMW-05S	1.4-11.4	ND
WCMW-06S	2-12	ND
WCMW-09S	5-15	ND
WCMW-12S	3-13	ND
WCMW-13S	3-13	ND
WCMW-14S	2-12	ND
WCMW-16S	2-12	ND



Q1 2017

Q1 2017 Groundwater Monitoring Data

Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2		
BBMW-22S	5-10	3672
BBMW-23S	5-15	41.5
BBMW-34S	5-15	221.8
BBMW-37S	5-10	3.2
BBMW-38S	5-15	457.3
BBMW-39S	5-15	102.5
BBMW-40S	5-15	ND
BBMW-41S	6-16	7296.6
BBMW-42S	5-10	11.5
MW-03S	3-13	1.5
MW-05S	4-14	3191.3
OU1PZ-101	4-14	4497.2
OU1PZ-102	4-14	50.6
OU1PZ-103	4-14	857.8
OU1PZ-104	4-14	12.6
OU1PZ-105	4-14	111.1
OU2MW-12S	3-7	ND
OU2MW-30S	5-15	ND
OU2MW-39S	5-15	ND
OU2MW-47S	5-15	ND
OU2MW-50S	5-15	ND
OU2MW-57S	5-15	5.3
OZMW-16S	5-15	ND
OZMW-17S	5-15	ND
OZMW-18S	5-15	1.4
OZMW-19S	5-15	762
OZMW-22SR	5-15	11.1
OZMW-23S	5-15	ND
OZMW-24S	5-15	ND
OZMW-25S	5-15	804.7
OU-3		
MW-73	2-12	ND
MW-78	5-20	ND
MW-79	5-20	28.5
MW-80	5-20	ND
OU3MW-07S	3-13	ND
OU3MW-08S	2-12	445.6
OU3MW-09S	2-12	ND
OU3MW-13S	2-12	ND
OU3MW-16S	2-12	162.4
OU3MW-19S	2-12	34
OU3MW-20S	2-12	ND
OU-4		
WCMW-14S	2-12	ND
WCMW-32S	2-12	ND



LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- BTEX ≧100 µg/L
- BTEX ≧1,000 µg/L
- BTEX ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L) BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE (BTEX)

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

Bay Shore/Brightwaters
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Bay Shore, New York

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WATER TABLE GROUNDWATER
TOTAL BTEX
ISO-CONCENTRATION MAPS
(0-10 FEET BGS)

Project 093180 | July 2017 | Fig. 3

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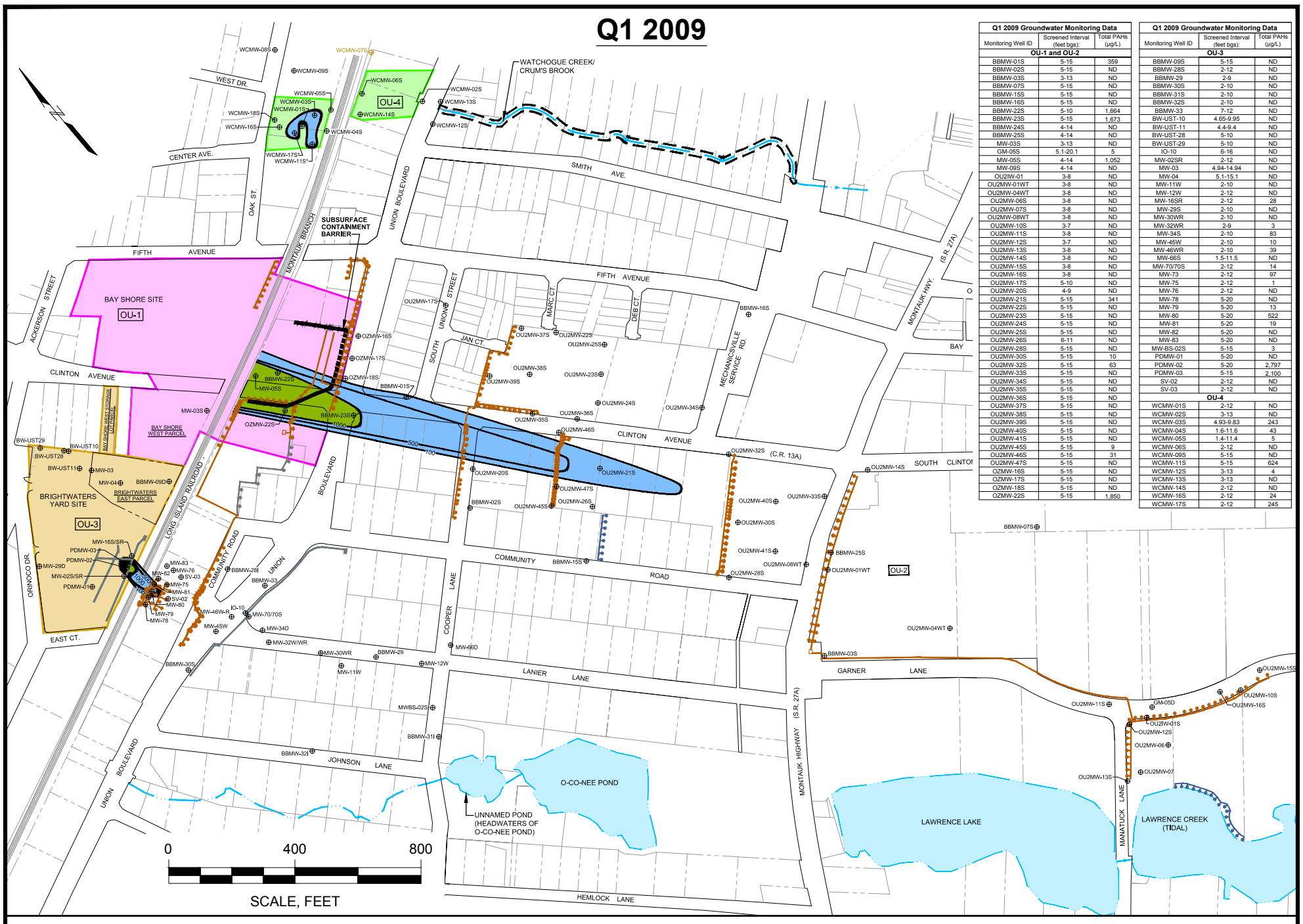
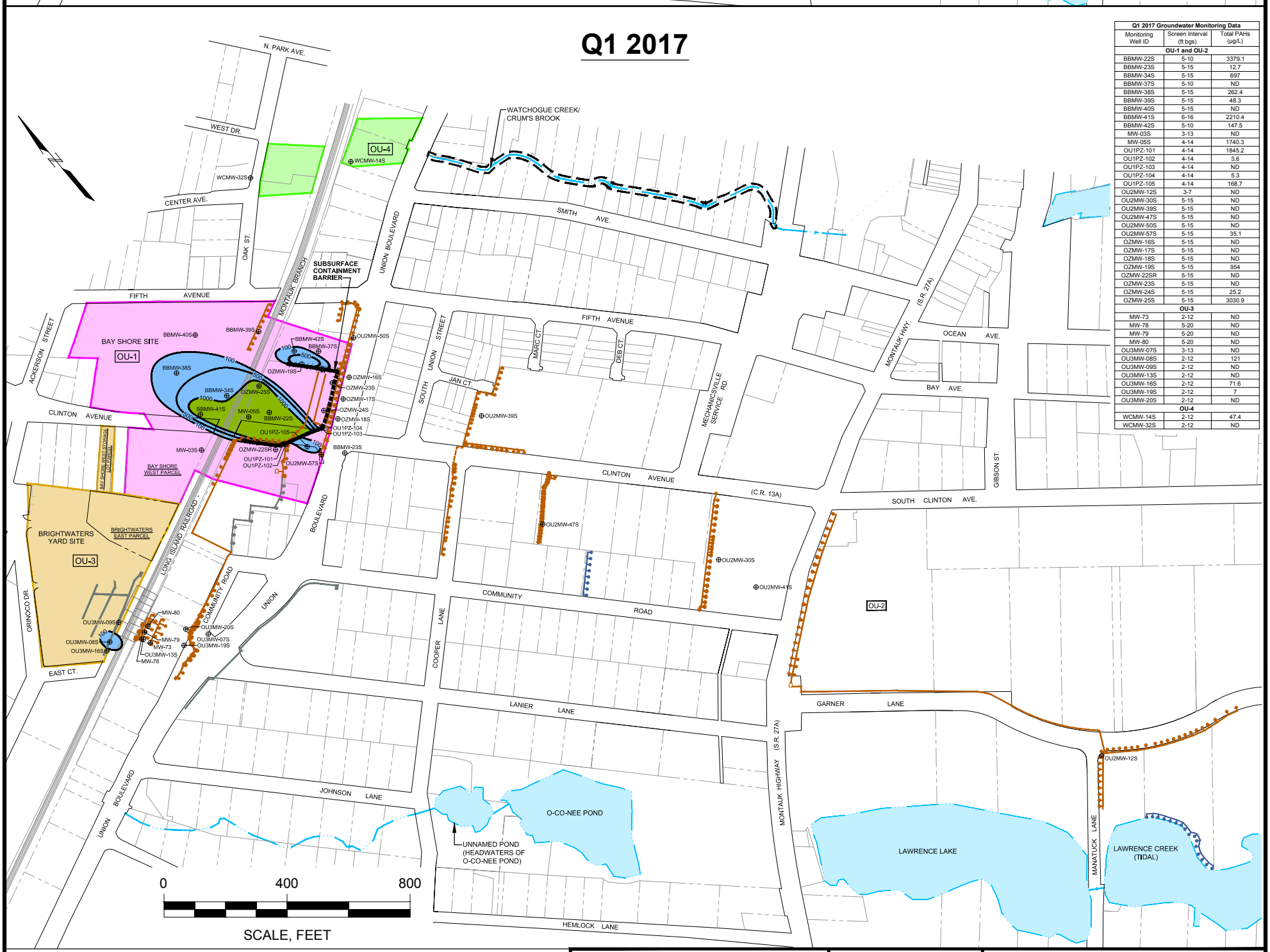
Q1 2009



Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01S	5-15	359
BBMW-02S	5-15	ND
BBMW-03S	3-13	ND
BBMW-07S	5-15	ND
BBMW-15S	5-15	ND
BBMW-16S	5-15	ND
BBMW-22S	5-10	1,664
BBMW-23S	5-15	1,673
BBMW-24S	4-14	ND
BBMW-25S	4-14	ND
MW-03S	3-13	ND
GM-05S	5.1-20.1	5
MW-05S	4-14	1,052
MW-09S	4-14	ND
OU2IW-01	3-8	ND
OU2MW-01WT	3-8	ND
OU2MW-04WT	3-8	ND
OU2MW-06S	3-8	ND
OU2MW-07S	3-8	ND
OU2MW-08WT	3-8	ND
OU2MW-10S	3-7	ND
OU2MW-11S	3-8	ND
OU2MW-12S	3-7	ND
OU2MW-13S	3-8	ND
OU2MW-14S	3-8	ND
OU2MW-15S	3-8	ND
OU2MW-16S	3-8	ND
OU2MW-17S	5-10	ND
OU2MW-20S	4-9	ND
OU2MW-21S	5-15	341
OU2MW-22S	5-15	ND
OU2MW-23S	5-15	ND
OU2MW-24S	5-15	ND
OU2MW-25S	5-15	ND
OU2MW-26S	6-11	ND
OU2MW-28S	5-15	ND
OU2MW-30S	5-15	10
OU2MW-32S	5-15	63
OU2MW-33S	5-15	ND
OU2MW-34S	5-15	ND
OU2MW-35S	5-15	ND
OU2MW-36S	5-15	ND
OU2MW-37S	5-15	ND
OU2MW-38S	5-15	ND
OU2MW-39S	5-15	ND
OU2MW-40S	5-15	ND
OU2MW-41S	5-15	ND
OU2MW-45S	5-15	9
OU2MW-46S	5-15	31
OU2MW-47S	5-15	ND
OZMW-16S	5-15	ND
OZMW-17S	5-15	ND
OZMW-18S	5-15	ND
OZMW-22S	5-15	1,850

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-3		
BBMW-09S	5-15	ND
BBMW-28S	2-12	ND
BBMW-29	2-9	ND
BBMW-30S	2-10	ND
BBMW-31S	2-10	ND
BBMW-32S	2-10	ND
BBMW-33	7-12	ND
BW-UST-10	4.65-9.95	ND
BW-UST-11	4.4-9.4	ND
BW-UST-28	5-10	ND
BW-UST-29	5-10	ND
IO-10	6-16	ND
MW-02SR	2-12	ND
MW-03	4.94-14.94	ND
MW-04	5.1-15.1	ND
MW-11W	2-10	ND
MW-12W	2-12	ND
MW-16SR	2-12	28
MW-29S	2-10	ND
MW-30WR	2-10	ND
MW-32WR	2-9	3
MW-34S	2-10	83
MW-45W	2-10	10
MW-46WR	2-10	39
MW-66S	1.5-11.5	ND
MW-70/70S	2-12	14
MW-73	2-12	97
MW-75	2-12	1
MW-76	2-12	ND
MW-78	5-20	ND
MW-79	5-20	13
MW-80	5-20	522
MW-81	5-20	19
MW-82	5-20	ND
MW-83	5-20	ND
MW-BS-02S	5-15	3
PDMW-01	5-20	ND
PDMW-02	5-20	2,797
PDMW-03	5-15	2,100
SV-02	2-12	ND
SV-03	2-12	ND
OU-4		
WCMW-01S	2-12	ND
WCMW-02S	3-13	ND
WCMW-03S	4.93-9.83	243
WCMW-04S	1.6-11.6	43
WCMW-05S	1.4-11.4	5
WCMW-06S	2-12	ND
WCMW-09S	5-15	ND
WCMW-11S	5-15	624
WCMW-12S	3-13	4
WCMW-13S	3-13	ND
WCMW-14S	2-12	ND
WCMW-16S	2-12	24
WCMW-17S	2-12	245

Q1 2017



Q1 2017 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-22S	5-10	3379.1
BBMW-23S	5-15	12.7
BBMW-34S	5-15	697
BBMW-37S	5-10	ND
BBMW-38S	5-15	262.4
BBMW-39S	5-15	48.3
BBMW-40S	5-15	ND
BBMW-41S	6-16	2210.4
BBMW-42S	5-10	147.5
MW-03S	3-13	ND
MW-05S	4-14	1740.3
OU1PZ-101	4-14	1845.2
OU1PZ-102	4-14	3.6
OU1PZ-103	4-14	ND
OU1PZ-104	4-14	5.3
OU1PZ-105	4-14	168.7
OU2MW-12S	3-7	ND
OU2MW-30S	5-15	ND
OU2MW-39S	5-15	ND
OU2MW-47S	5-15	ND
OU2MW-50S	5-15	ND
OU2MW-57S	5-15	35.1
OZMW-16S	5-15	ND
OZMW-17S	5-15	ND
OZMW-18S	5-15	ND
OZMW-19S	5-15	954
OZMW-22SR	5-15	ND
OZMW-23S	5-15	ND
OZMW-24S	5-15	25.2
OZMW-25S	5-15	3030.9
OU-3		
MW-73	2-12	ND
MW-78	5-20	ND
MW-79	5-20	ND
MW-80	5-20	ND
OU3MW-07S	3-13	ND
OU3MW-08S	2-12	121
OU3MW-09S	2-12	ND
OU3MW-13S	2-12	ND
OU3MW-16S	2-12	71.6
OU3MW-19S	2-12	7
OU3MW-20S	2-12	ND
OU-4		
WCMW-14S	2-12	47.4
WCMW-32S	2-12	ND

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- PAH — POLYCYCLIC AROMATIC HYDROCARBONS
- TOTAL PAH ≧100 µg/L
- TOTAL PAH ≧1,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

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WATER TABLE GROUNDWATER
PAH ISO-CONCENTRATION
MAPS
(0-10 FEET BGS)

July 2017 — Fig. 4

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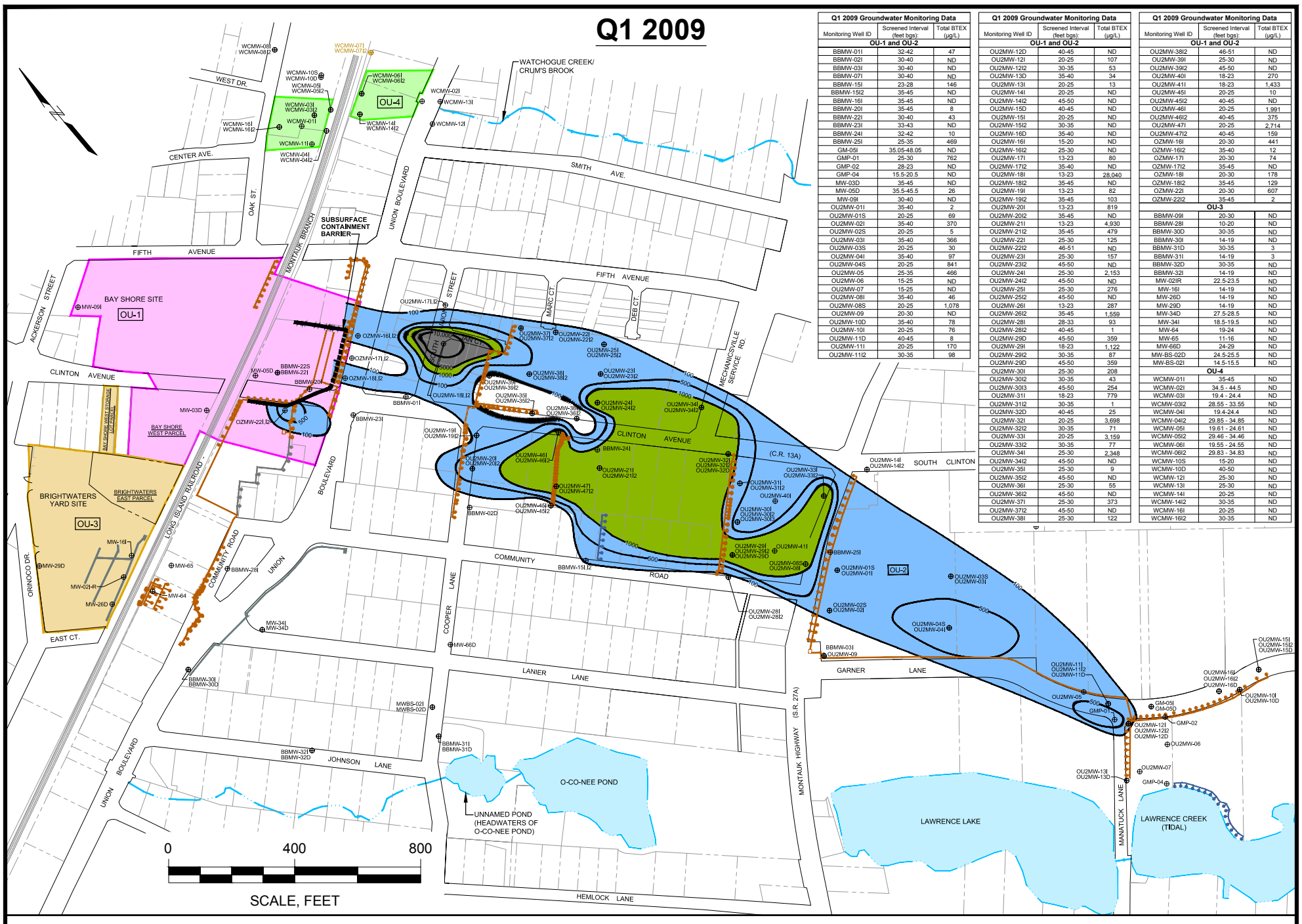
Q1 2009

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
BBMW-01I	32-42	47
BBMW-02I	30-40	ND
BBMW-03I	30-40	ND
BBMW-07I	30-40	ND
BBMW-15I	23-28	146
BBMW-15I2	35-45	ND
BBMW-16I	35-45	ND
BBMW-20I	35-45	8
BBMW-22I	30-40	43
BBMW-23I	33-43	ND
BBMW-24I	32-42	10
BBMW-25I	25-35	469
GM-05I	35.05-48.05	ND
GMP-01	25-30	762
GMP-02	28-23	ND
GMP-04	15.5-20.5	ND
MW-03D	35-45	ND
MW-05D	35.5-45.5	26
MW-09I	30-40	ND
OU2MW-01I	35-40	2
OU2MW-01S	20-25	69
OU2MW-02I	35-40	370
OU2MW-02S	20-25	5
OU2MW-03I	35-40	366
OU2MW-03S	20-25	30
OU2MW-04I	35-40	97
OU2MW-04S	20-25	841
OU2MW-05	25-35	466
OU2MW-06	15-25	ND
OU2MW-07	15-25	ND
OU2MW-08I	35-40	46
OU2MW-08S	20-25	1,078
OU2MW-09	20-30	ND
OU2MW-10I	35-40	78
OU2MW-11D	40-45	8
OU2MW-11I	20-25	170
OU2MW-11I2	30-35	98

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
OU2MW-12D	40-45	ND
OU2MW-12I	20-25	107
OU2MW-12I2	30-35	53
OU2MW-13D	35-40	34
OU2MW-13I	20-25	13
OU2MW-14I	20-25	ND
OU2MW-14I2	45-50	ND
OU2MW-15D	40-45	ND
OU2MW-15I	20-25	ND
OU2MW-15I2	30-35	ND
OU2MW-16D	35-40	ND
OU2MW-16I	15-20	ND
OU2MW-16I2	25-30	ND
OU2MW-17I	13-23	80
OU2MW-17I2	35-40	ND
OU2MW-18I	13-23	28,040
OU2MW-18I2	35-45	ND
OU2MW-19I	13-23	82
OU2MW-19I2	35-45	103
OU2MW-20I	13-23	819
OU2MW-20I2	35-45	ND
OU2MW-21I	13-23	4,930
OU2MW-21I2	35-45	479
OU2MW-22I	25-30	125
OU2MW-22I2	46-51	ND
OU2MW-23I	25-30	157
OU2MW-23I2	45-50	ND
OU2MW-24I	25-30	2,153
OU2MW-24I2	45-50	ND
OU2MW-25I	25-30	276
OU2MW-25I2	45-50	ND
OU2MW-26I	13-23	287
OU2MW-26I2	35-45	1,559
OU2MW-28I	28-33	93
OU2MW-28I2	40-45	1
OU2MW-29D	45-50	359
OU2MW-29I	18-23	1,122
OU2MW-29I2	30-35	87
OU2MW-29D	45-50	359
OU2MW-30I	25-30	208
OU2MW-30I2	30-35	43
OU2MW-30I3	45-50	254
OU2MW-31I	18-23	779
OU2MW-31I2	30-35	1
OU2MW-32D	40-45	25
OU2MW-32I	20-25	3,698
OU2MW-32I2	30-35	71
OU2MW-33I	20-25	3,159
OU2MW-33I2	30-35	77
OU2MW-34I	25-30	2,348
OU2MW-34I2	45-50	ND
OU2MW-35I	25-30	9
OU2MW-35I2	45-50	ND
OU2MW-36I	25-30	55
OU2MW-36I2	45-50	ND
OU2MW-37I	25-30	373
OU2MW-37I2	45-50	ND
OU2MW-38I	25-30	122

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
OU2MW-38I2	46-51	ND
OU2MW-39I	25-30	ND
OU2MW-39I2	45-50	ND
OU2MW-40I	18-23	270
OU2MW-41I	18-23	1,433
OU2MW-45I	20-25	10
OU2MW-45I2	40-45	ND
OU2MW-46I	20-25	1,991
OU2MW-46I2	40-45	375
OU2MW-47I	20-25	2,714
OU2MW-47I2	40-45	159
OZMW-16I	20-30	441
OZMW-16I2	35-40	12
OZMW-17I	20-30	74
OZMW-17I2	35-45	ND
OZMW-18I	20-30	178
OZMW-18I2	35-45	129
OZMW-22I	20-30	607
OZMW-22I2	35-45	2
OU-3		
BBMW-09I	20-30	ND
BBMW-28I	10-20	ND
BBMW-30D	30-35	ND
BBMW-30I	14-19	ND
BBMW-31D	30-35	3
BBMW-31I	14-19	3
BBMW-32D	30-35	ND
BBMW-32I	14-19	ND
MW-02IR	22.5-23.5	ND
MW-16I	14-19	ND
MW-26D	14-19	ND
MW-29D	14-19	ND
MW-34D	27.5-28.5	ND
MW-34I	18.5-19.5	ND
MW-64	19-24	ND
MW-65	11-16	ND
MW-66D	24-29	ND
MW-BS-02D	24.5-25.5	ND
MW-BS-02I	14.5-15.5	ND
OU-4		
WCMW-01I	35-45	ND
WCMW-02I	34.5 - 44.5	ND
WCMW-03I	19.4 - 24.4	ND
WCMW-03I2	28.55 - 33.55	ND
WCMW-04I	19.4-24.4	ND
WCMW-04I2	29.85 - 34.85	ND
WCMW-05I	19.61 - 24.61	ND
WCMW-05I2	29.46 - 34.46	ND
WCMW-06I	19.55 - 24.55	ND
WCMW-06I2	29.83 - 34.83	ND
WCMW-10S	15-20	ND
WCMW-10D	40-50	ND
WCMW-12I	25-30	ND
WCMW-13I	25-30	ND
WCMW-14I	20-25	ND
WCMW-14I2	30-35	ND
WCMW-16I	20-25	ND
WCMW-16I2	30-35	ND

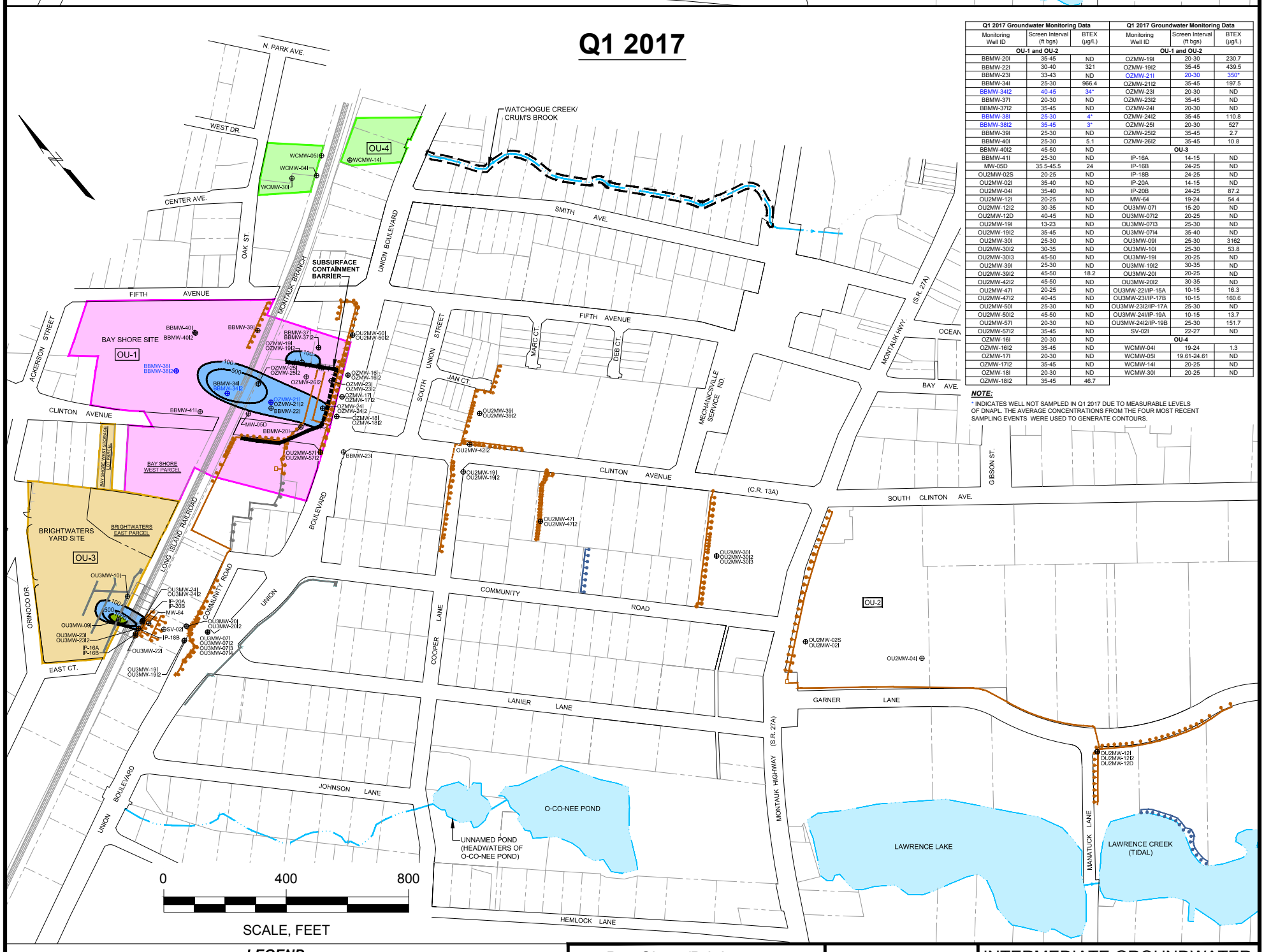


Q1 2017

Q1 2017 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2		
BBMW-20I	35-45	ND
BBMW-22I	30-40	321
BBMW-23I	33-43	ND
BBMW-34I	25-30	966.4
BBMW-34I2	40-45	34*
BBMW-37I	20-30	ND
BBMW-37I2	35-45	ND
BBMW-38I	25-30	4*
BBMW-38I2	35-45	3*
BBMW-39I	25-30	ND
BBMW-40I	25-30	5.1
BBMW-40I2	45-50	ND
BBMW-41I	25-30	ND
MW-05D	35.5-45.5	24
OU2MW-02S	20-25	ND
OU2MW-02I	35-40	ND
OU2MW-04I	35-40	ND
OU2MW-12I	20-25	ND
OU2MW-12I2	30-35	ND
OU2MW-12D	40-45	ND
OU2MW-19I	13-23	ND
OU2MW-19I2	35-45	ND
OU2MW-30I	25-30	ND
OU2MW-30I2	30-35	ND
OU2MW-30I3	45-50	ND
OU2MW-39I	25-30	ND
OU2MW-39I2	45-50	18.2
OU2MW-42I2	45-50	ND
OU2MW-47I	20-25	ND
OU2MW-47I2	40-45	ND
OU2MW-50I	25-30	ND
OU2MW-50I2	45-50	ND
OU2MW-57I	20-30	ND
OU2MW-57I2	35-45	ND
OZMW-16I	20-30	ND
OZMW-16I2	35-45	ND
OZMW-17I	20-30	ND
OZMW-17I2	35-45	ND
OZMW-18I	20-30	ND
OZMW-18I2	35-45	46.7

Q1 2017 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2		
OZMW-19I	20-30	230.7
OZMW-19I2	35-45	439.5
OZMW-21I	20-30	350*
OZMW-21I2	35-45	197.5
OZMW-23I	20-30	ND
OZMW-23I2	35-45	ND
OZMW-24I	20-30	ND
OZMW-24I2	35-45	110.8
OZMW-25I	20-30	527
OZMW-25I2	35-45	2.7
OZMW-26I2	35-45	10.8
OU-3		
IP-16A	14-15	ND
IP-16B	24-25	ND
IP-18B	24-25	ND
IP-20A	14-15	ND
IP-20B	24-25	87.2
MW-64	19-24	54.4
OU3MW-07I	15-20	ND
OU3MW-07I2	20-25	ND
OU3MW-07I3	25-30	ND
OU3MW-07I4	35-40	ND
OU3MW-09I	25-30	3162
OU3MW-10I	25-30	53.8
OU3MW-19I	20-25	ND
OU3MW-19I2	30-35	ND
OU3MW-20I	20-25	ND
OU3MW-20I2	30-35	ND
OU3MW-22I/IP-15A	10-15	16.3
OU3MW-23I/IP-17B	10-15	160.6
OU3MW-23I2/IP-17A	25-30	ND
OU3MW-24I/IP-19A	10-15	13.7
OU3MW-24I2/IP-19B	25-30	151.7
SV-02I	22-27	ND
OU-4		
WCMW-04I	19-24	1.3
WCMW-05I	19.61-24.61	ND
WCMW-14I	20-25	ND
WCMW-30I	20-25	ND

NOTE:
* INDICATES WELL NOT SAMPLED IN Q1 2017 DUE TO MEASURABLE LEVELS OF DNAPL. THE AVERAGE CONCENTRATIONS FROM THE FOUR MOST RECENT SAMPLING EVENTS WERE USED TO GENERATE CONTOURS.



LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- ⊕BBMW-38I — WELL NOT SAMPLED IN Q1 2017 DUE TO MEASURABLE LEVELS OF DNAPL
- µg/L — MICROGRAMS PER LITER
- BTEX ≧100 µg/L
- BTEX ≧1,000 µg/L
- BTEX ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- BTEX — BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

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INTERMEDIATE GROUNDWATER
TOTAL BTEX
ISO-CONCENTRATION MAPS
(10-50 FEET BGS)

July 2017 Fig. 5

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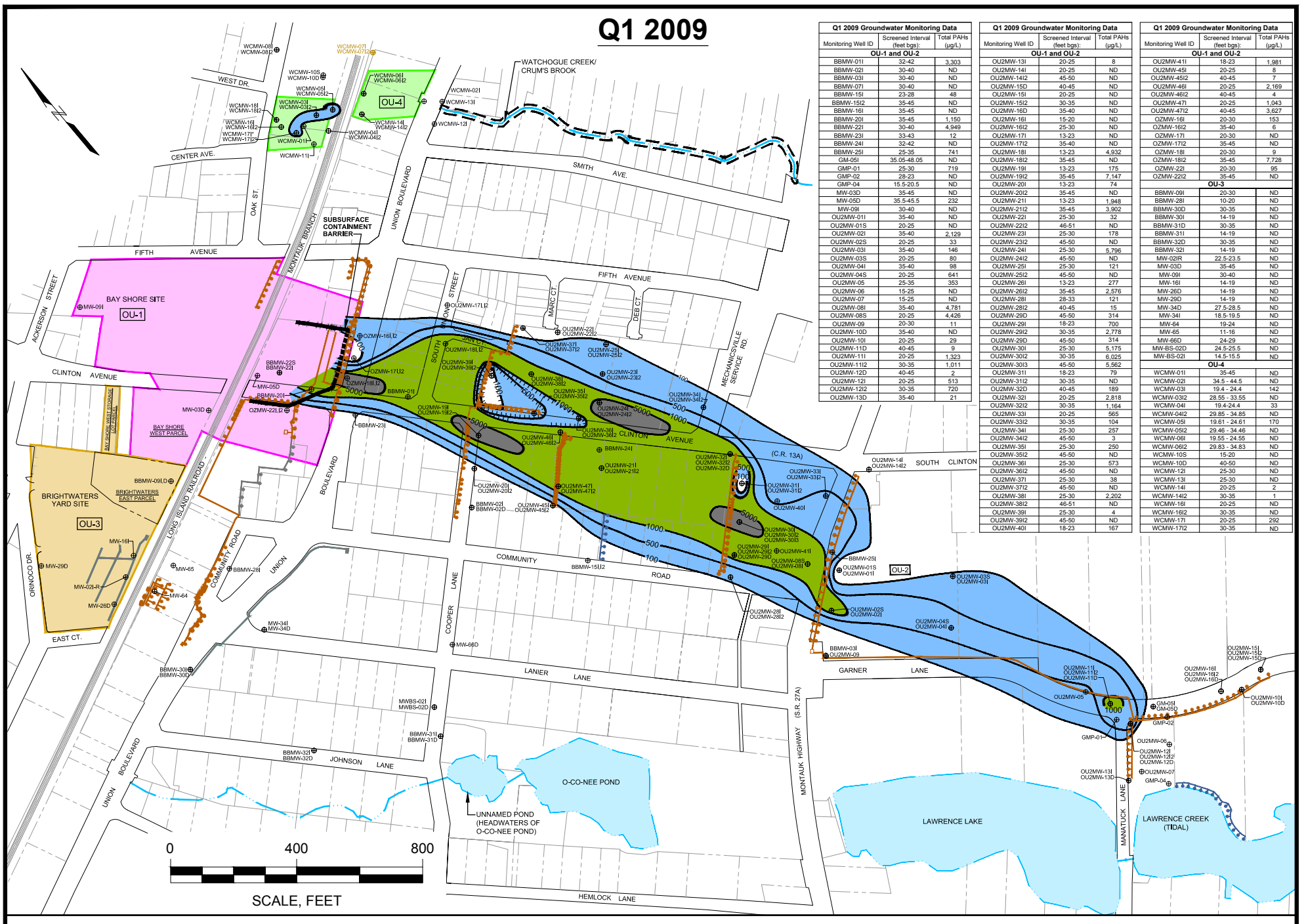
Q1 2009



Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01I	32-42	3,303
BBMW-02I	30-40	ND
BBMW-03I	30-40	ND
BBMW-07I	30-40	ND
BBMW-15I	23-28	48
BBMW-15I2	35-45	ND
BBMW-16I	35-45	ND
BBMW-20I	35-45	1,150
BBMW-22I	30-40	4,949
BBMW-23I	33-43	12
BBMW-24I	32-42	ND
BBMW-25I	25-35	741
GM-05I	35.05-48.05	ND
GMP-01	25-30	719
GMP-02	28-23	ND
GMP-04	15.5-20.5	ND
MW-03D	35-45	ND
MW-05D	35.5-45.5	232
MW-09I	30-40	ND
OU2MW-01I	35-40	ND
OU2MW-01S	20-25	ND
OU2MW-02I	35-40	2,129
OU2MW-02S	20-25	33
OU2MW-03I	35-40	146
OU2MW-03S	20-25	80
OU2MW-04I	35-40	98
OU2MW-04S	20-25	641
OU2MW-05	25-35	353
OU2MW-06	15-25	ND
OU2MW-07	15-25	ND
OU2MW-08I	35-40	4,781
OU2MW-08S	20-25	4,426
OU2MW-09	20-30	11
OU2MW-10D	35-40	ND
OU2MW-10I	20-25	29
OU2MW-11D	40-45	9
OU2MW-11I	20-25	1,323
OU2MW-11I2	30-35	1,011
OU2MW-12D	40-45	2
OU2MW-12I	20-25	513
OU2MW-12I2	30-35	720
OU2MW-13D	35-40	21

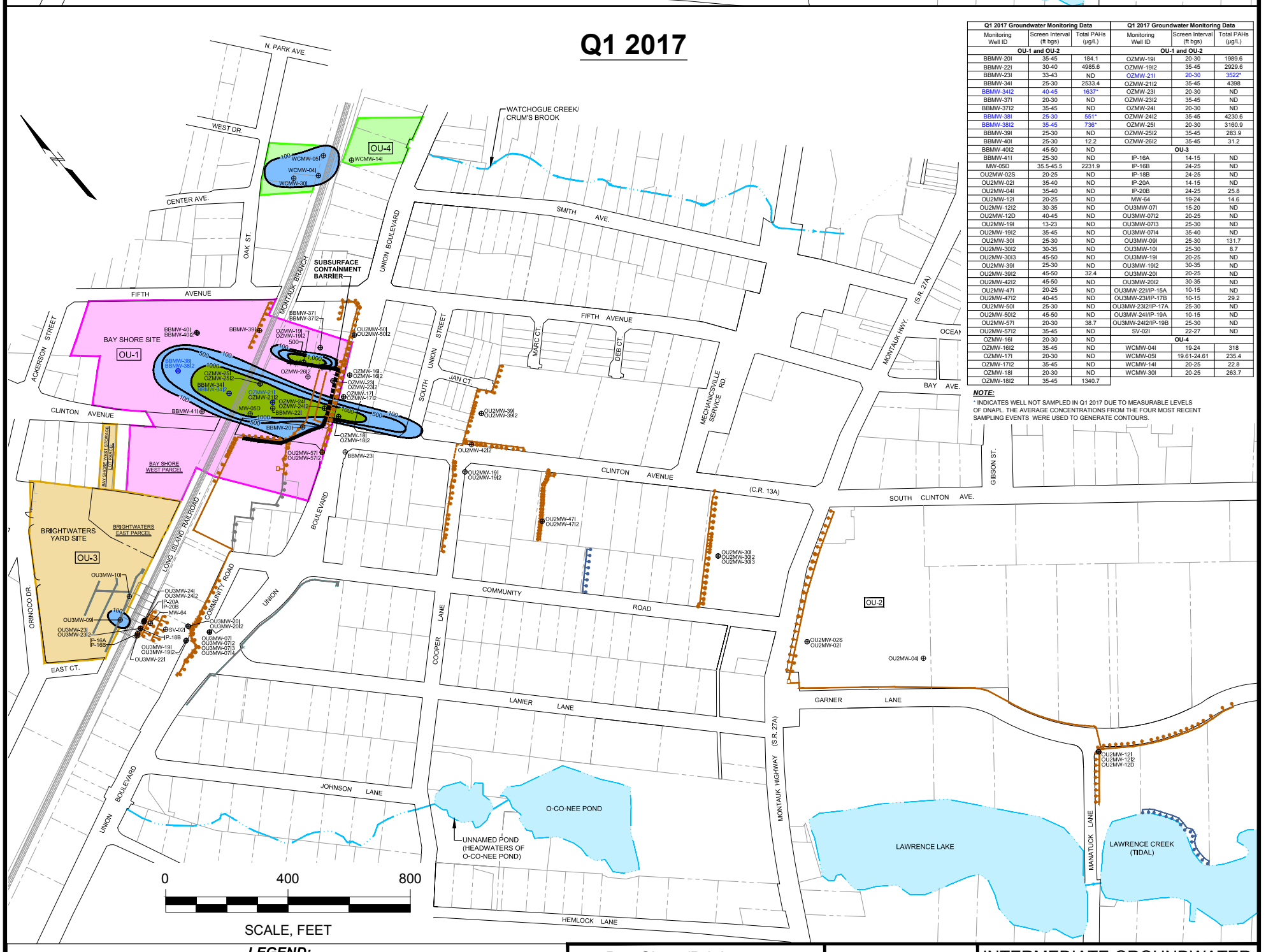
Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
OU2MW-13I	20-25	8
OU2MW-14I	20-25	ND
OU2MW-14I2	45-50	ND
OU2MW-15D	40-45	ND
OU2MW-15I	20-25	ND
OU2MW-15I2	30-35	ND
OU2MW-16D	35-40	ND
OU2MW-16I	15-20	ND
OU2MW-16I2	25-30	ND
OU2MW-17I	13-23	ND
OU2MW-17I2	35-40	ND
OU2MW-18I	13-23	4,932
OU2MW-18I2	35-45	ND
OU2MW-19I	13-23	175
OU2MW-19I2	35-45	7,147
OU2MW-20I	13-23	74
OU2MW-20I2	35-45	ND
OU2MW-21I	13-23	1,948
OU2MW-21I2	35-45	3,902
OU2MW-22I	25-30	32
OU2MW-22I2	46-51	ND
OU2MW-23I	25-30	178
OU2MW-23I2	45-50	ND
OU2MW-24I	25-30	5,796
OU2MW-24I2	45-50	ND
OU2MW-25I	25-30	121
OU2MW-25I2	45-50	ND
OU2MW-26I	13-23	277
OU2MW-26I2	35-45	2,576
OU2MW-28I	28-33	121
OU2MW-28I2	40-45	15
OU2MW-29D	45-50	314
OU2MW-29I	18-23	700
OU2MW-29I2	30-35	2,778
OU2MW-29D	45-50	314
OU2MW-30I	25-30	5,175
OU2MW-30I2	30-35	6,025
OU2MW-30I3	45-50	5,562
OU2MW-31I	18-23	79
OU2MW-31I2	30-35	ND
OU2MW-32D	40-45	189
OU2MW-32I	20-25	2,818
OU2MW-32I2	30-35	1,164
OU2MW-33I	20-25	565
OU2MW-33I2	30-35	104
OU2MW-34I	25-30	257
OU2MW-34I2	45-50	3
OU2MW-35I	25-30	250
OU2MW-35I2	45-50	ND
OU2MW-36I	25-30	573
OU2MW-36I2	45-50	ND
OU2MW-37I	25-30	38
OU2MW-37I2	45-50	ND
OU2MW-38I	25-30	2,202
OU2MW-38I2	46-51	ND
OU2MW-39I	25-30	4
OU2MW-39I2	45-50	ND
OU2MW-40I	18-23	167

Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
OU2MW-41I	18-23	1,981
OU2MW-45I	20-25	8
OU2MW-45I2	40-45	7
OU2MW-46I	20-25	2,169
OU2MW-46I2	40-45	4
OU2MW-47I	20-25	1,043
OU2MW-47I2	40-45	3,627
OZMW-16I	20-30	153
OZMW-16I2	35-40	6
OZMW-17I	20-30	ND
OZMW-17I2	35-45	ND
OZMW-18I	20-30	9
OZMW-18I2	35-45	7,728
OZMW-22I	20-30	95
OZMW-22I2	35-45	ND
OU-3		
BBMW-09I	20-30	ND
BBMW-28I	10-20	ND
BBMW-30D	30-35	ND
BBMW-30I	14-19	ND
BBMW-31D	30-35	ND
BBMW-31I	14-19	ND
BBMW-32D	30-35	ND
BBMW-32I	14-19	ND
MW-02IR	22.5-23.5	ND
MW-03D	35-45	ND
MW-09I	30-40	ND
MW-16I	14-19	ND
MW-26D	14-19	ND
MW-29D	14-19	ND
MW-34D	27.5-28.5	ND
MW-34I	18.5-19.5	ND
MW-64	19-24	ND
MW-65	11-16	ND
MW-66D	24-29	ND
MW-BS-02D	24.5-25.5	ND
MW-BS-02I	14.5-15.5	ND
OU-4		
WCMW-01I	35-45	ND
WCMW-02I	34.5 - 44.5	ND
WCMW-03I	19.4 - 24.4	142
WCMW-03I2	28.55 - 33.55	ND
WCMW-04I	19.4-24.4	33
WCMW-04I2	29.85 - 34.85	ND
WCMW-05I	19.61 - 24.61	170
WCMW-05I2	29.46 - 34.46	ND
WCMW-06I	19.55 - 24.55	ND
WCMW-06I2	29.83 - 34.83	ND
WCMW-10S	15-20	ND
WCMW-10D	40-50	ND
WCMW-12I	25-30	ND
WCMW-13I	25-30	ND
WCMW-14I	20-25	2
WCMW-14I2	30-35	1
WCMW-16I	20-25	ND
WCMW-16I2	30-35	ND
WCMW-17I	20-25	292
WCMW-17I2	30-35	ND

Q1 2017



Q1 2017 Groundwater Monitoring Data

Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-20I	35-45	184.1
BBMW-22I	30-40	4985.6
BBMW-23I	33-43	ND
BBMW-34I	25-30	2533.4
BBMW-34I2	40-45	1637*
BBMW-37I	20-30	ND
BBMW-37I2	35-45	ND
BBMW-38I	25-30	551*
BBMW-38I2	35-45	736*
BBMW-39I	25-30	ND
BBMW-40I	25-30	12.2
BBMW-40I2	45-50	ND
BBMW-41I	25-30	ND
MW-05D	35.5-45.5	2231.9
OU2MW-02S	20-25	ND
OU2MW-02I	35-40	ND
OU2MW-04I	35-40	ND
OU2MW-12I	20-25	ND
OU2MW-12I2	30-35	ND
OU2MW-12D	40-45	ND
OU2MW-19I	13-23	ND
OU2MW-19I2	35-45	ND
OU2MW-30I	25-30	ND
OU2MW-30I2	30-35	ND
OU2MW-30I3	45-50	ND
OU2MW-39I	25-30	ND
OU2MW-39I2	45-50	32.4
OU2MW-42I2	45-50	ND
OU2MW-47I	20-25	ND
OU2MW-47I2	40-45	ND
OU2MW-50I	25-30	ND
OU2MW-50I2	45-50	ND
OU2MW-57I	20-30	38.7
OU2MW-57I2	35-45	ND
OZMW-16I	20-30	ND
OZMW-16I2	35-45	ND
OZMW-17I	20-30	ND
OZMW-17I2	35-45	ND
OZMW-18I	20-30	ND
OZMW-18I2	35-45	1340.7

Q1 2017 Groundwater Monitoring Data

Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
OZMW-19I	20-30	1989.6
OZMW-19I2	35-45	2929.6
OZMW-21I	20-30	3522*
OZMW-21I2	35-45	4398
OZMW-23I	20-30	ND
OZMW-23I2	35-45	ND
OZMW-24I	20-30	ND
OZMW-24I2	35-45	4230.6
OZMW-25I	20-30	3160.9
OZMW-25I2	35-45	283.9
OZMW-26I2	35-45	31.2
OU-3		
IP-16A	14-15	ND
IP-16B	24-25	ND
IP-18B	24-25	ND
IP-20A	14-15	ND
IP-20B	24-25	25.8
MW-64	19-24	14.6
OU3MW-07I	15-20	ND
OU3MW-07I2	20-25	ND
OU3MW-07I3	25-30	ND
OU3MW-07I4	35-40	ND
OU3MW-09I	25-30	131.7
OU3MW-10I	25-30	8.7
OU3MW-19I	20-25	ND
OU3MW-19I2	30-35	ND
OU3MW-20I	20-25	ND
OU3MW-20I2	30-35	ND
OU3MW-22I/IP-15A	10-15	ND
OU3MW-23I/IP-17B	10-15	29.2
OU3MW-23I2/IP-17A	25-30	ND
OU3MW-24I/IP-19A	10-15	ND
OU3MW-24I2/IP-19B	25-30	ND
SV-02I	22-27	ND
OU-4		
WCMW-04I	19-24	318
WCMW-05I	19.61-24.61	235.4
WCMW-14I	20-25	22.8
WCMW-30I	20-25	263.7

NOTE:
* INDICATES WELL NOT SAMPLED IN Q1 2017 DUE TO MEASURABLE LEVELS OF DNAPL. THE AVERAGE CONCENTRATIONS FROM THE FOUR MOST RECENT SAMPLING EVENTS WERE USED TO GENERATE CONTOURS.

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- ⊕BBMW-38I — WELL NOT SAMPLED IN Q1 2017 DUE TO MEASURABLE LEVELS OF DNAPL
- µg/L — MICROGRAMS PER LITER
- TOTAL PAH ≧100 µg/L
- TOTAL PAH ≧1,000 µg/L
- TOTAL PAH ≧5,000 µg/L
- PAH — POLYCYCLIC AROMATIC HYDROCARBONS
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)

NOTE:
WINDOWED SECTION OF THE SUBSURFACE CONTAINMENT BARRIER WALL CONSTRUCTED BETWEEN APPROXIMATELY 8 AND 38 FEET BELOW GROUND SURFACE (BGS).

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Former MGP Site
Bay Shore, New York

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INTERMEDIATE GROUNDWATER PAH ISO-CONCENTRATION MAPS (10-50 FEET BGS)

Project 093180 | July 2017 | Fig. 6

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Q1 2009

Q1 2009 Groundwater Monitoring Data

Monitoring Well ID	Screened Interval (feet bgs):	Total BTEX (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	33
BBMW-02D	73-83	ND
BBMW-03D	52-62	ND
BBMW-05D	64-74	482
BBMW-05D2	126.5-136.5	7
BBMW-07D	55-65	ND
BBMW-15D	70-80	ND
BBMW-16D	68-78	ND
BBMW-22D	64-74	2,314
BBMW-23D	49.5-59.5	7
BBMW-23D2	63-73	ND
BBMW-24D	59.5-69.5	22
BBMW-25D	62-72	35
GM-05D	60.95-75.95	2
OU2MW-01D	65-70	ND
OU2MW-01I2	50-55	ND
OU2MW-02D	65-70	ND
OU2MW-02I2	50-55	3
OU2MW-03D	65-70	ND
OU2MW-03I2	50-55	5
OU2MW-04D	65-70	2
OU2MW-04I2	50-55	ND
OU2MW-08D	65-70	ND
OU2MW-08I2	50-55	152
OU2MW-17D	60-70	ND
OU2MW-18D	60-70	ND
OU2MW-19D	65-70	542
OU2MW-20D	65-70	ND
OU2MW-22D	67-72	ND
OU2MW-23D	65-70	ND
OU2MW-24D	62-67	ND
OU2MW-25D	70-75	ND
OU2MW-26D	60-70	474
OU2MW-30D	50-55	134
OU2MW-30D2	60-65	375
OU2MW-33D	50-55	2
OU2MW-35D	57-62	ND
OU2MW-36D	61-66	ND
OU2MW-37D	67-72	ND
OU2MW-38D	56-61	ND
OU2MW-39D	70-75	ND
OU2MW-45D	55-60	ND
OU2MW-47D	60-65	569
OZMW-16D	55-65	ND
OZMW-17D	53-63	ND
OZMW-18D	55-65	216
OZMW-22D	55-65	ND
OU-3		
BBMW-09D	62-72	ND
BBMW-13D	62-72	ND
OU-4		
WCMW-01D	64-74	ND
WCMW-02D	62-72	ND
WCMW-12D	67-72	ND
WCMW-13D	65-70	ND
WCMW-14D	67-72	ND

Q1 2017

Q1 2017 Groundwater Monitoring Data

Monitoring Well ID	Screen Interval (ft bgs)	BTEX (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	8
BBMW-05D	64-74	1657
BBMW-34D	65-70	ND
BBMW-40D	70-75	ND
OU2MW-02I2	50-55	1.5
OU2MW-02D	65-70	ND
OU2MW-19D	65-70	29.3
OU2MW-30D	50-55	ND
OU2MW-30D2	60-65	ND
OU2MW-39D	70-75	ND
OU2MW-42D	60-65	1624.5
OU2MW-43D	65-70	182.7
OU2MW-47D	60-65	ND
OU2MW-50D	65-70	ND
OZMW-16D	55-65	5.5
OZMW-17D	53-63	15.5
OZMW-18D	55-65	219
OZMW-19D	55-65	5.5
OZMW-23D	55-65	ND
OZMW-24D	55-65	874.9

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- BTEX — BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE
- BTEX ≧100 µg/L
- BTEX ≧1,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)

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DEEP GROUNDWATER
TOTAL BTEX
ISO-CONCENTRATION MAPS
(BELOW 50 FEET BGS)

Project 093180 | July 2017 | Fig. 7

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Q1 2009

Q1 2009 Groundwater Monitoring Data		
Monitoring Well ID	Screened Interval (feet bgs):	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	68
BBMW-02D	73-83	ND
BBMW-03D	52-62	ND
BBMW-05D	64-74	786
BBMW-05D2	126.5-136.5	ND
BBMW-07D	55-65	ND
BBMW-15D	70-80	ND
BBMW-16D	68-78	ND
BBMW-22D	64-74	5,140
BBMW-23D	49.5-59.5	34
BBMW-23D2	63-73	ND
BBMW-24D	59.5-69.5	233
BBMW-25D	62-72	ND
GM-05D	60.95-75.95	ND
OU2MW-01D	65-70	ND
OU2MW-01I2	50-55	ND
OU2MW-02D	65-70	ND
OU2MW-02I2	50-55	6
OU2MW-03D	65-70	ND
OU2MW-03I2	50-55	ND
OU2MW-04D	65-70	ND
OU2MW-04I2	50-55	ND
OU2MW-08D	65-70	ND
OU2MW-08I2	50-55	906
OU2MW-17D	60-70	ND
OU2MW-18D	60-70	ND
OU2MW-19D	65-70	1,862
OU2MW-20D	65-70	ND
OU2MW-22D	67-72	ND
OU2MW-23D	65-70	ND
OU2MW-24D	62-67	ND
OU2MW-25D	70-75	ND
OU2MW-26D	60-70	1,742
OU2MW-30D	50-55	1,652
OU2MW-30D2	60-65	4,735
OU2MW-33D	50-55	ND
OU2MW-35D	57-62	ND
OU2MW-36D	61-66	1
OU2MW-37D	67-72	ND
OU2MW-38D	56-61	ND
OU2MW-39D	70-75	ND
OU2MW-45D	55-60	ND
OU2MW-47D	60-65	7,007
OZMW-16D	55-65	ND
OZMW-17D	53-63	2
OZMW-18D	55-65	435
OZMW-22D	55-65	ND
OU-3		
BBMW-09D	62-72	ND
BBMW-13D	62-72	ND
OU-4		
WCMW-01D	64-74	ND
WCMW-02D	62-72	ND
WCMW-12D	67-72	ND
WCMW-13D	65-70	ND
WCMW-14D	67-72	ND

Q1 2017

Q1 2017 Groundwater Monitoring Data		
Monitoring Well ID	Screen Interval (ft bgs)	Total PAHs (µg/L)
OU-1 and OU-2		
BBMW-01D	68.5-78.5	12.6
BBMW-05D	64-74	3038
BBMW-34D	65-70	33.3
BBMW-40D	70-75	ND
OU2MW-02I2	50-55	17.8
OU2MW-02D	65-70	ND
OU2MW-19D	65-70	103.8
OU2MW-30D	50-55	ND
OU2MW-30D2	60-65	2.6
OU2MW-39D	70-75	ND
OU2MW-42D	60-65	5230
OU2MW-43D	65-70	596.5
OU2MW-47D	60-65	ND
OU2MW-50D	65-70	ND
OZMW-16D	55-65	45.1
OZMW-17D	53-63	141.1
OZMW-18D	55-65	1114
OZMW-19D	55-65	304.1
OZMW-23D	55-65	ND
OZMW-24D	55-65	3408.8

0 400 800

SCALE, FEET

LEGEND:

- ⊕BBMW-33 — EXISTING MONITORING WELL CLUSTER LOCATION
- µg/L — MICROGRAMS PER LITER
- TOTAL PAH ≧100 µg/L
- TOTAL PAH ≧1,000 µg/L
- TOTAL PAH ≧5,000 µg/L
- OXYGEN INJECTION LINE - INSTALLED
- OXYGEN INJECTION LINE - SHUT OFF
- OXYGEN INJECTION LINE - ABANDONED
- ISO-CONCENTRATION LINE (µg/L)
- PAH — POLYCYCLIC AROMATIC HYDROCARBONS

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DEEP GROUNDWATER PAH
ISO-CONCENTRATION MAPS
(BELOW 50 FEET BGS)

Project 093180 | July 2017 | Fig. 8

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Appendix I. Summary of Sulfate Concentrations (µg/L)
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	2007					2008			2009							
		Mar-07	Jun-07	Jul-07	Nov-07	Dec-07	May-08	Sep-08	Dec-08	Jan-09	Mar-09	May-09	Jun-09	Aug-09	Sep-09	Oct-09	Nov-09
Operable Unit No. 1 (OU-1)																	
BBMW-04D	63 - 73	9700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-05D	64 - 74	**284000**	--	--	--	--	--	--	--	--	--	--	**413000**	--	--	--	--
BBMW-06S	5 - 15	36000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06I	30 - 40	37100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06D	66 - 76	**850000**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-08D	65 - 75	154000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-17S	5.5 - 15.5	26900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-17I	30.5 - 40.5	15800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18S	6 - 16	29000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18I	30 - 40	17000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18D	60 - 70	**293000**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19S	6 - 16	47200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19I	29.6 - 39.6	179000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19D	64.75 - 74.75	**535000**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20S	4 - 14	21700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20I	35 - 45	159000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20D	62 - 72	128000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22S	5 - 10	38100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22I	30 - 40	69800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22D	64 - 74	**580000**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05S	4 - 14	32700	--	--	--	--	--	--	--	--	--	--	9240	--	--	--	--
MW-05D	35.5 - 45.5	18000	--	--	--	--	--	--	--	--	--	--	21700	--	--	--	--
MW-08S	2 - 12	16600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08D	35 - 45	17400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	19000	--	--	--	--
MW-09I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	8710	--	--	--	--

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Well ID	Screen Interval (feet bgs)	2007					2008			2009							
		Mar-07	Jun-07	Jul-07	Nov-07	Dec-07	May-08	Sep-08	Dec-08	Jan-09	Mar-09	May-09	Jun-09	Aug-09	Sep-09	Oct-09	Nov-09
OU2MW-48I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	15900	--	--	--	--
OU2MW-48I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	15800	--	--	--	--
OU2MW-48D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	22800	--	--	--	--
OU2MW-49S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	22300	--	--	--	--
OU2MW-49I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	17600	--	--	--	--
OU2MW-49I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	16400	--	--	--	--
OU2MW-49D	63 - 68	--	--	--	--	--	--	--	--	--	--	--	14200	--	--	--	--
OZMW-16S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17D	53 - 63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12800	--
OZMW-21I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5000 U	--
OZMW-21I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5000 U	--
OZMW-21D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	34000	--
OZMW-22S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5000 U	--
OZMW-22SR	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	16600	--
OZMW-22IR	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14000	--
OZMW-22D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18500	--
OZMW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10800	--
OZMW-23I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29700	--
OZMW-23I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	105000	--
OZMW-23D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1460000**	--
OZMW-24S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	13400	--
OZMW-24I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5000 U	--
OZMW-24I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	41300	--
OZMW-24D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2470000**	--
OZMW-25S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	27700	--	--	28200	--
OZMW-25I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	8500	--	--	5000 U	--
OZMW-25I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	15500	--	--	11700	--
OZMW-25D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	31100	--	--	19500	--
OZMW-26S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5000 U	--
OZMW-26I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	16000	--
OZMW-26I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	28800	--
OZMW-26D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30200	--

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		Mar-07	Jun-07	Jul-07	Nov-07	Dec-07	May-08	Sep-08	Dec-08	Jan-09	Mar-09	May-09	Jun-09	Aug-09	Sep-09	Oct-09	Nov-09
Operable Unit No. 2 (OU-2)																	
BBMW-01S	5 - 15	59500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-01I	32 - 42	19100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-01D	68.5 - 78.5	14600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02S	5 - 15	17800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02I	30 - 40	13700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02D	73 - 83	18700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03S	3 - 13	--	--	--	15100	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03I	30 - 40	--	--	--	22700	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03D	52 - 62	--	--	--	7700	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-07D	55 - 65	23900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23S	5 - 15	7100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23I	33 - 43	21400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23D	49.5 - 59.5	13300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24I	32 - 42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24D	59.5 - 69.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-25S	4 - 14	--	--	16300	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-25I	25 - 35	--	--	17600	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-25D	62 - 72	--	--	8700	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-05S	5.1 - 20.1	--	--	--	--	20200	--	--	--	--	--	--	--	--	--	--	--
GM-05I	35.05 - 48.05	--	--	--	--	5000 U	--	--	--	--	--	--	--	--	--	--	--
GM-05D	60.95 - 75.95	--	--	--	--	5000 U	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25 - 30	--	--	--	--	20000	--	--	--	--	--	--	--	--	--	--	--
GMP-04	15.5 - 20.5	--	--	--	--	9800	--	--	--	--	--	--	--	--	--	--	--
MW-04S	4 - 14	5000 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04D	35 - 45	14700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2IW-01S	3 - 8	--	--	15400	--	6600	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01WT	3 - 8	--	18500	17300	17100	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01S	20 - 25	--	52000	48800	39100	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I	35 - 40	--	37700	49200	42200	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I2	50 - 55	--	13300	11600	7900	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01D	65 - 70	--	7000	7100	8100	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	20 - 25	--	--	--	7100	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I	35 - 40	--	--	--	24600	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I2	50 - 55	--	--	--	11300	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02D	65 - 70	--	--	--	7000	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03S	20 - 25	--	--	--	43200	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I	35 - 40	--	--	--	22900	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I2	50 - 55	--	--	--	15100 J	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03D	65 - 70	--	--	--	5500	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04WT	3 - 8	--	--	--	10700	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04S	20 - 25	--	--	--	19900	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04I	35 - 40	--	--	--	30500	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04I2	50 - 55	--	--	--	6200	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04D	65 - 70	--	--	--	9700	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-05	25 - 35	--	--	--	--	17800	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06S	3 - 8	--	--	--	12100	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06	15 - 25	--	--	--	12200	--	--	--	--	--	--	--	--	--	--	--	--

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		Mar-07	Jun-07	Jul-07	Nov-07	Dec-07	May-08	Sep-08	Dec-08	Jan-09	Mar-09	May-09	Jun-09	Aug-09	Sep-09	Oct-09	Nov-09
OU2MW-07S	3 - 8	--	--	--	11000	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-07	15 - 25	--	--	--	14000	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3 - 8	--	19900	21800	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08S	20 - 25	--	23000	25800	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I	35 - 40	--	27900	19400	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I2	50 - 55	--	34400	36000	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08D	65 - 70	--	8500	6600	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-09	30 - 40	--	--	--	--	18900	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10S	3 - 7	--	--	--	--	11800	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10I	20 - 25	--	--	--	--	7000	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10D	35 - 40	--	--	--	--	5000 U	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11S	3 - 8	--	11000	17000	--	15000	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I	20 - 25	--	28000	6900	--	20100	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I2	30 - 35	--	25800	5000 U	--	30900	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11D	40 - 45	--	13100	7100	--	5600	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12S	3 - 7	--	20800	28400	--	10000	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12I	20 - 25	--	32800	38900	--	27500	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12I2	30 - 35	--	24300	32700	--	17300	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12D	40 - 45	--	20000	23300	--	7500	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13S	3 - 8	--	--	--	--	13800	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13I	20 - 25	--	--	--	--	32300	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13D	35 - 40	--	--	--	--	27900	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14S	3 - 8	--	--	--	--	9500	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15S	3 - 8	--	--	--	--	8900	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I	20 - 25	--	--	--	--	27300	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I2	30 - 35	--	--	--	--	25000	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15D	40 - 45	--	--	--	--	5000 U	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16S	3 - 8	--	--	--	--	8200	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I	15 - 20	--	--	--	--	22900	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I2	25 - 30	--	--	--	--	30600	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16D	35 - 40	--	--	--	--	5400	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17S	5 - 10	--	--	--	--	--	18500	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13 - 23	--	--	--	--	--	9900	--	--	--	--	--	--	--	--	--	--
OU2MW-17I2	35 - 45	--	--	--	--	--	27500	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60 - 75	--	--	--	--	--	133000	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13 - 23	--	--	--	--	--	26900	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35 - 45	--	--	--	--	--	37800	--	--	--	--	--	--	--	--	--	--
OU2MW-18D	60 - 70	--	--	--	--	--	225000	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	13 - 23	--	--	--	--	--	5000 U	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	35 - 45	--	--	--	--	--	122000	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20S	4 - 9	--	--	--	--	--	19900	--	--	--	--	--	--	--	--	--	--
OU2MW-20I	13 - 23	--	--	--	--	--	6100	--	--	--	--	--	--	--	--	--	--
OU2MW-20I2	35 - 45	--	--	--	--	--	20200	--	--	--	--	--	--	--	--	--	--
OU2MW-20D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I	13 - 23	--	--	--	--	--	79000	--	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35 - 45	--	--	--	--	--	16300	--	--	--	--	--	--	--	--	--	--
OU2MW-22S	5 - 15	--	--	--	--	--	--	--	--	22400	--	--	--	--	--	--	--
OU2MW-22I	25 - 30	--	--	--	--	--	--	--	--	5990	--	--	--	--	--	--	--

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Well ID	Screen Interval (feet bgs)	2007					2008			2009							
		Mar-07	Jun-07	Jul-07	Nov-07	Dec-07	May-08	Sep-08	Dec-08	Jan-09	Mar-09	May-09	Jun-09	Aug-09	Sep-09	Oct-09	Nov-09
OU2MW-22I2	46 - 51	--	--	--	--	--	--	--	--	24500	--	--	--	--	--	--	--
OU2MW-22D	67 - 72	--	--	--	--	--	--	--	--	100000	--	--	--	--	--	--	--
OU2MW-23S	5 - 15	--	--	--	--	--	--	--	5000 U	--	--	--	--	--	--	--	--
OU2MW-23I	25 - 30	--	--	--	--	--	--	--	15200	--	--	--	--	--	--	--	--
OU2MW-23I2	45 - 50	--	--	--	--	--	--	--	22400	--	--	--	--	--	--	--	--
OU2MW-23D	65 - 70	--	--	--	--	--	--	--	48400	--	--	--	--	--	--	--	--
OU2MW-24S	5 - 15	--	--	--	--	--	--	--	10600	--	--	--	--	--	--	--	--
OU2MW-24I	25 - 30	--	--	--	--	--	--	--	7920	--	--	--	--	--	--	--	--
OU2MW-24I2	45 - 50	--	--	--	--	--	--	--	83700	--	--	--	--	--	--	--	--
OU2MW-24D	62 - 67	--	--	--	--	--	--	--	21800	--	--	--	--	--	--	--	--
OU2MW-25S	5 - 15	--	--	--	--	--	--	--	30100	--	--	--	--	--	--	--	--
OU2MW-25I	25 - 30	--	--	--	--	--	--	--	8970	--	--	--	--	--	--	--	--
OU2MW-25I2	45 - 50	--	--	--	--	--	--	--	23000	--	--	--	--	--	--	--	--
OU2MW-25D	70 - 75	--	--	--	--	--	--	--	82500	--	--	--	--	--	--	--	--
OU2MW-26S	6 - 11	--	--	--	--	--	8900	--	--	--	--	--	--	--	--	--	--
OU2MW-26I	13 - 23	--	--	--	--	--	16200	--	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35 - 45	--	--	--	--	--	13500	--	--	--	--	--	--	--	--	--	--
OU2MW-26D	60 - 70	--	--	--	--	--	22600	--	--	--	--	--	--	--	--	--	--
OU2MW-27S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28S	5 - 15	--	--	--	--	--	--	18200	--	--	--	21400	--	32900	--	--	27900
OU2MW-28I	28 - 33	--	--	--	--	--	--	10300	--	--	--	5000 U	--	14900	--	--	20000
OU2MW-28I2	40 - 45	--	--	--	--	--	--	27600	--	--	--	27800	--	25700	--	--	27100
OU2MW-29I	18 - 23	--	--	--	--	--	--	5000 U	--	--	--	5000 U	--	10600	--	--	5000 U
OU2MW-29I2	30 - 35	--	--	--	--	--	--	5000 U	--	--	--	12800	--	33800	--	--	55700
OU2MW-29D	45 - 50	--	--	--	--	--	--	20800	--	--	--	16000	--	35400	--	--	22500
OU2MW-30S	5 - 15	--	--	--	--	--	--	24100	--	--	--	35800	--	27600	--	--	26300
OU2MW-30I	25 - 30	--	--	--	--	--	--	20900	--	--	--	19800	--	29700	--	--	49800
OU2MW-30I2	30 - 35	--	--	--	--	--	--	23200	--	--	--	21200	--	43000	--	--	55500
OU2MW-30I3	45 - 50	--	--	--	--	--	--	22500	--	--	--	23200	--	42900	--	--	46300
OU2MW-30D	50 - 55	--	--	--	--	--	--	27500	--	--	--	27900	--	42300	--	--	43900
OU2MW-30D2	60 - 65	--	--	--	--	--	--	36700	--	--	--	26500	--	31900	--	--	28300
OU2MW-31I	18 - 23	--	--	--	--	--	--	9910	--	--	--	9280	--	8610	--	--	24500
OU2MW-31I2	30 - 35	--	--	--	--	--	--	17500	--	--	--	27400	--	11600	--	--	17900
OU2MW-32S	5 - 15	--	--	--	--	--	--	7690	--	--	--	12400	--	5700	--	--	11000
OU2MW-32I	20 - 25	--	--	--	--	--	--	5000 U	--	--	--	5000 U	--	5000 U	--	--	11300
OU2MW-32I2	30 - 35	--	--	--	--	--	--	6540	--	--	--	14600	--	14900	--	--	16300
OU2MW-32D	40 - 45	--	--	--	--	--	--	15500	--	--	--	15700	--	25600	--	--	26000
OU2MW-35S	5 - 15	--	--	--	--	--	--	--	25900	--	--	--	45200	--	30100	--	--
OU2MW-35I	25 - 30	--	--	--	--	--	--	--	--	16400	--	--	23400	--	35900	--	--
OU2MW-35I2	45 - 50	--	--	--	--	--	--	--	--	42400	--	--	89600	--	35700	--	--
OU2MW-35D	57 - 62	--	--	--	--	--	--	--	--	192000	--	--	141000	--	156000	--	--
OU2MW-36S	5 - 15	--	--	--	--	--	--	--	18000	--	--	--	13400	--	16900	--	--
OU2MW-36I	25 - 30	--	--	--	--	--	--	--	23900	--	--	--	24800	--	25700	--	--
OU2MW-36I2	45 - 50	--	--	--	--	--	--	--	56400	--	--	--	49300	--	30900	--	--
OU2MW-36D	61 - 66	--	--	--	--	--	--	--	29700	--	--	--	167000	--	160000	--	--
OU2MW-37S	5 - 15	--	--	--	--	--	--	--	--	14200	--	--	14500	--	13700	--	--

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		Mar-07	Jun-07	Jul-07	Nov-07	Dec-07	May-08	Sep-08	Dec-08	Jan-09	Mar-09	May-09	Jun-09	Aug-09	Sep-09	Oct-09	Nov-09
OU2MW-37I	25 - 30	--	--	--	--	--	--	--	--	20300	--	--	21500	--	21100	--	--
OU2MW-37I2	45 - 50	--	--	--	--	--	--	--	--	27000	--	--	34300	--	45800	--	--
OU2MW-37D	67 - 72	--	--	--	--	--	--	--	--	**396000**	--	--	**322000**	--	**282000**	--	--
OU2MW-38S	5 - 15	--	--	--	--	--	--	--	--	23400	--	--	--	--	--	--	--
OU2MW-38I	25 - 30	--	--	--	--	--	--	--	--	18700	--	--	--	--	--	--	--
OU2MW-38I2	46 - 51	--	--	--	--	--	--	--	--	31900	--	--	--	--	--	--	--
OU2MW-38D	56 - 61	--	--	--	--	--	--	--	--	195000	--	--	--	--	--	--	--
OU2MW-39S	5 - 15	--	--	--	--	--	--	--	--	25600	--	--	17800	--	19200	--	--
OU2MW-39I	25 - 30	--	--	--	--	--	--	--	--	20900	--	--	48200	--	105000	--	--
OU2MW-39I2	45 - 50	--	--	--	--	--	--	--	--	26900	--	--	45700	--	39400	--	--
OU2MW-39D	70 - 75	--	--	--	--	--	--	--	--	26100	--	--	194000	--	**260000**	--	--
OU2MW-40S	5 - 15	--	--	--	--	--	--	16800	--	--	--	--	--	--	--	--	--
OU2MW-40I	18 - 23	--	--	--	--	--	--	12400	--	--	--	--	--	--	--	--	--
OU2MW-41S	5 - 15	--	--	--	--	--	--	14900	--	--	--	--	--	--	--	--	--
OU2MW-41I	18 - 23	--	--	--	--	--	--	9010	--	--	--	--	--	--	--	--	--
OU2MW-42S	5 - 15	--	--	--	--	--	--	--	--	--	24300	--	26300	--	29600	--	--
OU2MW-42I	25 - 30	--	--	--	--	--	--	--	--	--	34000	--	18800	--	91300	--	--
OU2MW-42I2	45 - 50	--	--	--	--	--	--	--	--	--	18800	--	19800	--	24300	--	--
OU2MW-42D	60 - 65	--	--	--	--	--	--	--	--	--	**322000**	--	**485000**	--	**606000**	--	--
OU2MW-43S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	19700
OU2MW-43I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5000 U
OU2MW-43I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7030
OU2MW-43D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**693000**
OU2MW-44S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	21500
OU2MW-44I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18000
OU2MW-44I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18400
OU2MW-44D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	37400
OU2MW-45S	5 - 15	--	--	--	--	--	--	--	--	11900	--	13700	--	--	7860	--	--
OU2MW-45I	20 - 25	--	--	--	--	--	--	--	--	20000	--	15800	--	--	28600	--	--
OU2MW-45I2	40 - 45	--	--	--	--	--	--	--	--	25700	--	13100	--	--	31500	--	--
OU2MW-45D	55 - 60	--	--	--	--	--	--	--	--	25500	--	22400	--	--	27200	--	--
OU2MW-46S	5 - 15	--	--	--	--	--	--	--	--	14100	--	17800	--	--	41600	--	--
OU2MW-46I	20 - 25	--	--	--	--	--	--	--	--	37600	--	39200	--	--	122000	--	--
OU2MW-46I2	40 - 45	--	--	--	--	--	--	--	--	41900	--	80000	--	--	44600	--	--
OU2MW-47S	5 - 15	--	--	--	--	--	--	--	--	13200	--	16700	--	--	17800	--	--
OU2MW-47I	20 - 25	--	--	--	--	--	--	--	--	5000 U	--	7590	--	--	22300	--	--
OU2MW-47I2	40 - 45	--	--	--	--	--	--	--	--	36100	--	27000	--	--	38400	--	--
OU2MW-47D	60 - 65	--	--	--	--	--	--	--	--	33200	--	35300	--	--	197000	--	--
OU2MW-52S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	7560	--	--	--	--
OU2MW-52I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	22400	--	--	--	--
OU2MW-52D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	16500	--	--	--	--
OU2MW-53S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	7020	--	--	--	--
OU2MW-53I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	5000 U	--	--	--	--
OU2MW-53D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	10200	--	--	--	--
OU2MW-54S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54D	60 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		Mar-07	Jun-07	Jul-07	Nov-07	Dec-07	May-08	Sep-08	Dec-08	Jan-09	Mar-09	May-09	Jun-09	Aug-09	Sep-09	Oct-09	Nov-09
OU2MW-55I	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Operable Unit No. 3 (OU-3)																	
MW-64	19 - 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	5910	--	--
OU3MW-02S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	35200	--	--
OU3MW-02I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	18500	--	--
OU3MW-07S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Operable Unit No.4 (OU-4)																	
WCMW-01S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01I	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02I	34.5 - 44.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02D	62 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03S	4.83 - 9.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I	19.4 - 24.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I2	28.55 - 33.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04S	1.6 - 11.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04I	19 - 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04I2	29.85 - 34.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-05S	1.15 - 11.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-05I	19.61 - 24.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-05I2	29.46 - 34.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I	19.55 - 24.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I2	29.83 - 34.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10D	40 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11D	50 - 60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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WCMW-14I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14D	67 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2 - 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25D	55 - 60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	Screen Interval (feet bgs)	2009	2010											2011			
		Dec-09	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
Operable Unit No. 1 (OU-1)																	
BBMW-04D	63 - 73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-05D	64 - 74	**486000**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06D	66 - 76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-08D	65 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-17S	5.5 - 15.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-17I	30.5 - 40.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18D	60 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19I	29.6 - 39.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19D	64.75 - 74.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20I	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20D	62 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22S	5 - 10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5 - 15	--	--	--	--	--	--	--	11600	--	5000 U	--	--	33500	--	--	--
BBMW-38I	25 - 30	--	--	--	--	--	--	--	23800	--	21000	--	--	--	--	--	--
BBMW-38I2	40 - 45	--	--	--	--	--	--	--	16700	--	20400	--	--	--	--	--	--
BBMW-38D	65 - 70	--	--	--	--	--	--	--	14500	--	15800	--	--	19800	--	--	--
BBMW-39S	5 - 15	--	--	--	--	--	--	--	5000 U	--	--	5000 U	--	--	--	--	--
BBMW-39I	25 - 30	--	--	--	--	--	--	--	19000	--	--	15900	--	--	--	--	--
BBMW-39I2	45 - 50	--	--	--	--	--	--	--	25000	--	--	32100	--	--	--	--	--
BBMW-39D	65 - 70	--	--	--	--	--	--	--	49800	--	--	16100	--	--	--	--	--
BBMW-41S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05S	4 - 14	5000 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05D	35.5 - 45.5	16900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08D	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09S	4 - 14	16200	--	--	--	--	--	--	12000	--	--	--	22400	--	--	18600	--
MW-09I	30 - 40	--	--	--	--	--	--	--	19300	--	--	--	--	--	--	14600	--
MW-09I2	45 - 50	21000	--	--	--	--	--	--	23600	--	--	--	--	--	--	24800	--
MW-09D	65 - 70	40000	--	--	--	--	--	--	36400	--	--	--	--	--	--	30700	--
OU2MW-48S	3 - 13	14800	16500	--	--	14100 J	--	--	22300	--	--	--	32400	--	--	32000	--

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		Dec-09	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
OU2MW-48I	25 - 30	18000	21300	--	--	23000 J	--	--	14300	--	--	--	14100	--	--	18700	--
OU2MW-48I2	45 - 50	19700	17200	--	--	17700 J	--	--	--	14700	--	--	16400	--	--	23000	--
OU2MW-48D	65 - 70	33500	23100	--	--	10200 J	--	--	7850	--	--	--	8240	--	--	9010	--
OU2MW-49S	3 - 13	28900	17700	--	--	18400 J	--	--	30100	--	30800	--	--	--	21900	--	--
OU2MW-49I	25 - 30	15600	22300	--	--	16200 j	--	--	20600	--	17200	--	--	16400	--	--	--
OU2MW-49I2	45 - 50	21700	22100	--	--	23600 J	--	--	23500	--	24200	--	--	22100	--	--	--
OU2MW-49D	63 - 68	6370	5830	--	--	13100 J	--	--	12800	--	10400	--	--	10700	--	--	--
OZMW-16S	5 - 15	--	--	--	--	--	--	--	68700	--	58300 D	--	--	43100	--	--	--
OZMW-16I	20 - 30	--	--	--	--	--	--	--	12100	--	9300	--	--	5000 U	--	--	--
OZMW-16I2	35 - 45	--	--	--	--	--	--	--	31600	--	20800	--	--	20400	--	--	--
OZMW-16D	55 - 65	--	--	--	--	--	--	--	46400	--	39300	--	--	48900	--	--	--
OZMW-17S	5 - 15	--	--	--	--	--	--	--	27400	--	53600 D	--	--	48900	--	--	--
OZMW-17I	20 - 30	--	--	--	--	--	--	--	8810	--	7710	--	--	5000 U	--	--	--
OZMW-17I2	35 - 45	--	--	--	--	--	--	--	17800	--	20100	--	--	15500	--	--	--
OZMW-17D	53 - 63	--	--	--	--	--	--	--	**368000**	--	203000 D	--	--	215000 J	--	--	--
OZMW-18S	5 - 15	--	--	--	--	--	--	--	39000	--	29100	--	--	18800	--	--	--
OZMW-18I	20 - 30	--	--	--	--	--	--	--	5000 U	--	5000 U	--	--	5000 U	--	--	--
OZMW-18I2	35 - 45	--	--	--	--	--	--	--	5000 U	--	5000 U	--	--	5000 U	--	--	--
OZMW-18D	55 - 65	--	--	--	--	--	--	--	**343000**	--	**290000 D**	--	--	**251000**	--	--	--
OZMW-19S	5 - 15	--	--	--	--	--	--	--	19100	--	--	11100	--	5470	--	--	--
OZMW-19I	20 - 30	--	--	--	--	--	--	--	6480	--	--	5000 U	--	8120	--	--	--
OZMW-19I2	35 - 45	--	--	--	--	--	--	--	10200	--	--	5000 U	--	5000 U	--	--	--
OZMW-19D	55 - 65	--	--	--	--	--	--	--	26400	--	--	26500	--	23400	--	--	--
OZMW-21S	5 - 15	--	--	--	--	--	--	--	5000 U	--	--	5000 U	--	5000 U	--	--	--
OZMW-21I	20 - 30	--	--	--	--	--	--	--	5000 U	--	--	--	5000 U	5000 U	--	--	--
OZMW-21I2	35 - 45	--	--	--	--	--	--	--	5000 U	--	--	5000 U	--	5000 U	--	--	--
OZMW-21D	55 - 65	--	--	--	--	--	--	--	32100	--	--	--	34400	38600	--	--	--
OZMW-22S	5 - 15	5000 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22SR	5 - 15	--	--	--	--	--	--	--	5000 U	--	5000 U	--	--	9500	--	--	--
OZMW-22I	20 - 30	19900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22IR	20 - 30	--	--	--	--	--	--	--	21100	--	30000	--	--	26100	--	--	--
OZMW-22I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5 - 15	87500	--	--	--	--	--	--	31700	--	31100	--	--	15600	--	--	21600
OZMW-23I	20 - 30	46100	--	--	--	--	--	--	14800	--	12600	--	--	16500	--	--	13300
OZMW-23I2	35 - 45	90500	--	--	--	--	--	--	87500	--	27100	--	--	41200	--	--	43700
OZMW-23D	55 - 65	**974000**	--	--	--	--	--	--	110000	--	**351000 D**	--	--	**387000**	--	--	176000 D
OZMW-24S	5 - 15	--	--	--	--	--	--	--	35300	--	29200	--	--	42900	--	--	43000 D
OZMW-24I	20 - 30	--	--	--	--	--	--	--	5000 U	--	5000 U	--	--	5000 U	--	--	5000 U
OZMW-24I2	35 - 45	--	--	--	--	--	--	--	41300	--	32000	--	--	20100	--	--	15600
OZMW-24D	55 - 65	--	--	--	--	--	--	--	**1080000**	--	**954000 D**	--	--	**824000**	--	--	**682000 D**
OZMW-25S	5 - 15	16700	--	--	--	12400	--	--	5000 U	--	--	--	7240	5000 U	--	--	--
OZMW-25I	20 - 30	11300	--	--	--	5000 U	--	--	5000 U	--	--	--	8290	5000 U	--	--	--
OZMW-25I2	35 - 45	11000	--	--	--	13900	--	--	7100	--	--	--	12100	15100	--	--	--
OZMW-25D	55 - 65	13300	--	--	--	17400	--	--	14400	--	--	--	17700	18500	--	--	--
OZMW-26S	5 - 15	--	--	--	--	--	--	--	6010	--	--	--	5000 U	7570	--	--	--
OZMW-26I	20 - 30	--	--	--	--	--	--	--	16700	--	--	--	9680	10500	--	--	--
OZMW-26I2	35 - 45	--	--	--	--	--	--	--	11900	--	--	--	5000 U	10500	--	--	--
OZMW-26D	55 - 65	--	--	--	--	--	--	--	19700	--	--	--	28100	30500	--	--	--

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		Dec-09	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
Operable Unit No. 2 (OU-2)																	
BBMW-01S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-01I	32 - 42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-01D	68.5 - 78.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02D	73 - 83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03D	52 - 62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-07D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23I	33 - 43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23D	49.5 - 59.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24I	32 - 42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24D	59.5 - 69.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-25S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-25I	25 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-25D	62 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-05S	5.1 - 20.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-05I	35.05 - 48.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-05D	60.95 - 75.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMP-04	15.5 - 20.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04D	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2IW-01S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-05	25 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06	15 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-07S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-07	15 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-09	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10S	3 - 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12S	3 - 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I2	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17S	5 - 10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18D	60 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	13 - 23	--	--	15600	--	49600	--	--	--	--	--	--	68300 D	--	32400	--	39500
OU2MW-19I2	35 - 45	--	--	8510	--	5560	--	--	--	--	--	--	7280	--	5000 U	--	5000 U
OU2MW-19D	65 - 70	--	--	**319000**	--	**371000**	--	--	--	--	--	--	**282000 D**	--	59200 D	--	90500
OU2MW-20S	4 - 9	--	--	39000	--	14500	--	--	--	--	--	9380	--	--	13100	--	20800
OU2MW-20I	13 - 23	--	--	71500	--	35000	--	--	--	--	--	30700	--	--	57700 D	--	77800
OU2MW-20I2	35 - 45	--	--	16600	--	16600	--	--	--	--	--	18400	--	--	16000	--	17400
OU2MW-20D	65 - 70	--	--	22700	--	54200	--	--	--	--	--	68900 D	--	--	65900 D	--	120000 J
OU2MW-21I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-22I2	46 - 51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22D	67 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24D	62 - 67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25D	70 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26S	6 - 11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26D	60 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28S	5 - 15	--	29400	--	--	27600	--	--	21000	--	--	17100	--	--	27700	--	26700
OU2MW-28I	28 - 33	--	20400	--	--	30400	--	--	18400	--	--	23500	--	--	28600	--	30000
OU2MW-28I2	40 - 45	--	27500	--	--	33800	--	--	48800	--	--	50000	--	--	54900 D	--	49900
OU2MW-29I	18 - 23	--	34700	--	--	64200	--	--	82900	--	--	64400 D	--	--	61900 D	--	107000 D
OU2MW-29I2	30 - 35	--	28800	--	--	5000 U	--	--	42600	--	--	109000 D	--	--	5000 U	--	11600
OU2MW-29D	45 - 50	--	19500	--	--	22400	--	--	21600	--	--	22600	--	--	56400 D	--	90000 D
OU2MW-30S	5 - 15	--	16800	--	--	31400	--	--	--	--	--	27300	--	--	61000 D	--	42400
OU2MW-30I	25 - 30	--	46400	--	--	49100	--	--	--	--	--	42700	--	--	51900 D	--	38000
OU2MW-30I2	30 - 35	--	65400	--	--	44100	--	--	46100	--	--	31500	--	--	35100	--	49200
OU2MW-30I3	45 - 50	--	37400	--	--	56700	--	--	49800	--	--	49300	--	--	61800 D	--	60500 D
OU2MW-30D	50 - 55	--	38500	--	--	45400	--	--	49900	--	--	49700	--	--	48900	--	39000
OU2MW-30D2	60 - 65	--	23400	--	--	18200	--	--	--	--	--	26900	--	--	27800	--	29100
OU2MW-31I	18 - 23	--	28300	--	--	48600	--	--	44200	--	--	64700 D	--	--	90100 D	--	115000 D
OU2MW-31I2	30 - 35	--	18700	--	--	26100	--	--	62300	--	--	77700 D	--	--	43900	--	34900
OU2MW-32S	5 - 15	--	9580	--	--	9970	--	--	6650	--	--	7050	--	--	13200	--	12000
OU2MW-32I	20 - 25	--	5000 U	--	--	7820	--	--	48800	--	--	72100 D	--	--	46900	--	71500 D
OU2MW-32I2	30 - 35	--	17800	--	--	25500	--	--	24400	--	--	24600	--	--	65800 D	--	117000 D
OU2MW-32D	40 - 45	--	23100	--	--	24900	--	--	23800	--	--	27400	--	--	34700	--	37600
OU2MW-35S	5 - 15	39400	--	14200	--	18600	--	--	50700	--	--	39800	--	--	42200	--	--
OU2MW-35I	25 - 30	45100	--	49400	--	70800	--	--	54200	--	--	33100	--	--	25000	--	--
OU2MW-35I2	45 - 50	27100	--	30000	--	25700	--	--	83100	--	--	76500 D	--	--	42700	--	--
OU2MW-35D	57 - 62	117000	--	117000	--	148000	--	--	**315000**	--	--	**351000 D**	--	--	**436000 D**	--	--
OU2MW-36S	5 - 15	16800	--	16600	--	18300	--	--	11000	--	--	20700	--	--	15500	--	--
OU2MW-36I	25 - 30	33800	--	45000	--	69500	--	--	83700	--	--	70600 D	--	--	45500	--	--
OU2MW-36I2	45 - 50	71700	--	33400	--	76500	--	--	82900	--	--	99400 D	--	--	92700 D	--	--
OU2MW-36D	61 - 66	150000	--	108000	--	95400	--	--	102000	--	--	203000 D	--	--	**299000 D**	--	--
OU2MW-37S	5 - 15	9820	--	10500	--	11200	--	--	11300	--	--	12800	--	--	14400	--	--

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OU2MW-37I	25 - 30	46500	--	22800	--	26200	--	--	11200	--	--	11500	--	--	14700	--	--
OU2MW-37I2	45 - 50	34700	--	29900	--	30100	--	--	34300	--	--	33300	--	--	24800	--	--
OU2MW-37D	67 - 72	**302000**	--	172000	--	176000	--	--	115000	--	--	112000 D	--	--	116000 D	--	--
OU2MW-38S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I2	46 - 51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38D	56 - 61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	5 - 15	18900	--	18800	--	18000	--	--	13900	--	15700	--	--	30800	--	--	24900
OU2MW-39I	25 - 30	65000	--	31900	--	30300	--	--	164000	--	93400 D	--	--	14900	--	--	12100
OU2MW-39I2	45 - 50	47000	--	36000	--	48600	--	--	62400	--	58000 D	--	--	63500 D	--	--	94800 D
OU2MW-39D	70 - 75	**270000**	--	**293000**	--	**356000**	--	--	**390000**	--	**351000 D**	--	--	95200 D	--	--	99500 D
OU2MW-40S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40I	18 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41I	18 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42S	5 - 15	39000	--	15900	--	14300	--	--	24000	--	--	48300	--	--	40500	--	--
OU2MW-42I	25 - 30	48500	--	39900	--	30700	--	--	19700	--	--	19700	--	--	15600	--	--
OU2MW-42I2	45 - 50	21400	--	31800	--	82300	--	--	45300	--	--	35800	--	--	36100	--	--
OU2MW-42D	60 - 65	**711000**	--	**595000**	--	**731000**	--	--	**841000**	--	--	**766000 D**	--	--	**828000 D**	--	--
OU2MW-43S	5 - 15	--	--	48500	--	54200	--	--	--	--	--	--	91200 D	--	--	105000 D	--
OU2MW-43I	25 - 30	--	--	5000 U	--	5000 U	--	--	--	--	--	--	5470	--	**303000 D**	--	--
OU2MW-43I2	45 - 50	--	--	12100	--	5880	--	--	--	--	--	--	5000 U	--	6380	--	--
OU2MW-43D	65 - 70	--	--	**612000**	--	**636000**	--	--	--	--	--	--	**388000 D**	--	9450	--	--
OU2MW-44S	5 - 15	--	--	18800	--	18100	--	--	--	--	--	--	19500	--	--	18700	--
OU2MW-44I	25 - 30	--	--	25700	--	23900	--	--	--	--	--	--	16700	--	--	26600	--
OU2MW-44I2	45 - 50	--	--	14700	--	12900	--	--	--	--	--	--	15700	--	--	21000	--
OU2MW-44D	65 - 70	--	--	27100	--	26900	--	--	--	--	--	--	27700	--	--	29600	--
OU2MW-45S	5 - 15	7560	--	9380	--	10300	--	--	23600	--	--	21300	--	--	--	11200	--
OU2MW-45I	20 - 25	23000	--	5000 U	--	9480	--	--	80100	--	--	46600	--	--	--	45000	76200 D
OU2MW-45I2	40 - 45	32200	--	37800	--	21400	--	--	19600	--	--	19200	--	--	--	14200	--
OU2MW-45D	55 - 60	21100	--	16000	--	11700	--	--	13900	--	--	17700	--	--	--	17900	5240
OU2MW-46S	5 - 15	35800	--	22800	--	23200	--	--	21800	--	--	20000	--	--	22200	--	51400 D
OU2MW-46I	20 - 25	111000	--	108000	--	39900	--	--	24300	--	--	26800	--	--	41500	--	50900 D
OU2MW-46I2	40 - 45	31600	--	29700	--	18000	--	--	34800	--	--	70700 D	--	--	40100	--	49900
OU2MW-47S	5 - 15	8190	--	20900	--	15300	--	--	21700	--	--	36200	--	46000	--	--	49200
OU2MW-47I	20 - 25	22000	--	25000	--	31300	--	--	72800	--	--	59500 D	--	57000 D	--	--	55100 D
OU2MW-47I2	40 - 45	25100	--	30400	--	20100	--	--	16400	--	--	17700	--	17800	--	--	20700
OU2MW-47D	60 - 65	117000	--	78900	--	41600	--	--	45300	--	--	39000	--	40900	--	--	33600
OU2MW-52S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	8840	--	--	--	--
OU2MW-52I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	20800	--	--	--	--
OU2MW-52D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	6020	--	--	--	--
OU2MW-53S	3 - 8	--	--	--	--	--	--	--	8450	--	--	--	10700	--	--	--	--
OU2MW-53I	20 - 25	--	--	--	--	--	--	--	19100	--	--	--	23300	--	--	--	--
OU2MW-53D	35 - 40	--	--	--	--	--	--	--	17500	--	--	--	37300	--	--	--	--
OU2MW-54S	5 - 15	--	8620	--	14100	--	--	--	--	--	--	--	40200	--	--	40600	--
OU2MW-54I	25 - 30	--	17200	--	16700	--	--	--	--	--	--	--	16900	--	--	16900	--
OU2MW-54I2	40 - 45	--	14400	--	67900	--	--	--	--	--	--	--	18000	--	--	19900	--
OU2MW-54D	60 - 65	--	20700	--	18100	--	--	--	--	--	--	--	23600	--	--	25900	--
OU2MW-55S	5 - 15	--	--	--	--	--	14300	--	--	--	--	--	25300	--	--	--	--

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OU2MW-55I	30 - 35	--	--	--	--	--	19400	--	--	--	--	--	13700	--	--	--	--
OU2MW-55I2	50 - 55	--	--	--	--	--	37200	--	--	--	--	--	30300	--	--	--	--
OU2MW-55D	65 - 70	--	--	--	--	--	7540	--	--	--	--	--	20200	--	--	--	--
OU2MW-56S	5 - 15	--	--	--	--	--	19300	--	--	--	--	--	21200	--	--	--	--
OU2MW-56I	25 - 30	--	--	--	--	--	37200	--	--	--	--	--	58500 D	--	--	--	--
OU2MW-56I2	45 - 50	--	--	--	--	--	20500	--	--	--	--	--	22500	--	--	--	--
OU2MW-56D	65 - 70	--	--	--	--	--	25500	--	--	--	--	--	24300	--	--	--	--
Operable Unit No. 3 (OU-3)																	
MW-64	19 - 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5 - 15	--	--	--	--	27400	--	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	3 - 13	--	--	13300	26800 J	88200 J	126000	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15 - 20	--	--	24000	17700	28300 J	28000	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20 - 25	--	--	32800	21600	21900 J	22400	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Operable Unit No.4 (OU-4)																	
WCMW-01S	2 - 12	--	--	--	--	**2590000**	--	**4250000**	--	--	391000	--	--	--	**1100000 D**	--	--
WCMW-01I	35 - 45	--	--	--	--	66900	--	47200	--	--	41700	--	--	--	34700	--	--
WCMW-01D	64 - 74	--	--	--	--	**6460000**	--	**4210000**	--	--	611000	--	--	--	147000 D	--	--
WCMW-02S	3 - 13	--	--	--	--	17600	--	17700	--	--	9460	--	--	--	12200	--	--
WCMW-02I	34.5 - 44.5	--	--	--	--	5720	--	33200	--	--	**343000**	--	--	--	136000 D	--	--
WCMW-02D	62 - 72	--	--	--	--	5000 U	--	5000 U	--	--	5000 U	--	--	--	5000 U	--	--
WCMW-03S	4.83 - 9.83	--	--	--	--	**6280000**	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I	19.4 - 24.4	--	--	--	--	40600	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I2	28.55 - 33.55	--	--	--	--	25000	--	--	--	--	--	--	--	--	--	--	--
WCMW-04S	1.6 - 11.6	--	--	--	--	**2160000**	--	--	--	--	--	--	--	--	--	--	--
WCMW-04I	19 - 24	--	--	--	--	83800	--	--	--	--	--	--	--	--	--	--	--
WCMW-04I2	29.85 - 34.85	--	--	--	--	132000	--	--	--	--	--	--	--	--	--	--	--
WCMW-05S	1.15 - 11.15	--	--	--	--	**3670000**	--	--	--	--	--	--	--	--	--	--	--
WCMW-05I	19.61 - 24.61	--	--	--	--	15800	--	--	--	--	--	--	--	--	--	--	--
WCMW-05I2	29.46 - 34.46	--	--	--	--	23700	--	--	--	--	--	--	--	--	--	--	--
WCMW-06S	2 - 12	--	--	--	--	12300 J	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I	19.55 - 24.55	--	--	--	--	11100 J	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I2	29.83 - 34.83	--	--	--	--	28900 J	--	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15 - 20	--	--	--	--	19000 J	--	--	--	--	--	--	--	--	--	--	--
WCMW-10D	40 - 50	--	--	--	--	37800 J	--	--	--	--	--	--	--	--	--	--	--
WCMW-11S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11D	50 - 60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13S	3 - 13	--	--	--	--	--	--	17200	--	--	17600	--	--	--	20000	--	26200
WCMW-13I	25 - 30	--	--	--	--	--	--	8190	--	--	10700	--	--	--	5000	--	5000 U
WCMW-13D	65 - 70	--	--	--	--	--	--	5000 U	--	--	5000 U	--	--	--	5000 U	--	5060
WCMW-14S	2 - 12	--	--	--	--	83700	--	25200	--	--	5000 U	--	--	--	5000 U	--	27100

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		Dec-09	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11
WCMW-14I	20 - 25	--	--	--	--	40300	--	5000 U	--	--	9850	--	--	--	5000 U	--	5000 U
WCMW-14I2	30 - 35	--	--	--	--	90500	--	47600	--	--	44600	--	--	--	39600	--	42800
WCMW-14D	67 - 72	--	--	--	--	6840	--	**1180000**	--	--	6830	--	--	--	6160	--	6290
WCMW-16S	2 - 12	--	--	--	--	162000 J	--	5000 U	--	--	5000 U	--	--	--	154000 D	--	--
WCMW-16I	20 - 25	--	--	--	--	5000 UJ	--	5000 U	--	--	10300	--	--	--	20600	--	--
WCMW-16I2	30 - 35	--	--	--	--	23300 J	--	26400	--	--	26700	--	--	--	24600	--	--
WCMW-17S	2 - 12	--	--	--	--	**773000 J**	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20 - 25	--	--	--	--	**382000 J**	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30 - 35	--	--	--	--	175000 J	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2 - 7	--	--	--	--	46400	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2 - 12	--	--	--	--	16300	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20 - 25	--	--	--	--	24600 J	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30 - 35	--	--	--	--	22500 J	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2 - 12	--	--	--	--	14300 J	--	21000	--	--	10900	--	--	--	21000	--	33800
WCMW-19I	20 - 25	--	--	--	--	17700 J	--	17900	--	--	24400	--	--	--	24900	--	29500
WCMW-19I2	30 - 35	--	--	--	--	22500 J	--	28000	--	--	37600	--	--	--	22000	--	18700
WCMW-25I	30 - 35	--	--	--	--	**278000**	--	--	--	--	--	--	--	--	--	--	--
WCMW-25D	55 - 60	--	--	--	--	**7810000**	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
Operable Unit No. 1 (OU-1)															
BBMW-04D	63 - 73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-05D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06D	66 - 76	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-08D	65 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-17S	5.5 - 15.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-17I	30.5 - 40.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18D	60 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19I	29.6 - 39.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19D	64.75 - 74.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20I	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20D	62 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22S	5 - 10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65 - 70	--	--	--	40400	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5 - 15	43100	--	--	7780	--	--	--	--	--	--	--	--	--	--
BBMW-38I	25 - 30	5760	--	--	7500	--	--	--	--	--	--	--	--	--	--
BBMW-38I2	40 - 45	10300	--	--	9910	--	--	--	--	--	--	--	--	--	--
BBMW-38D	65 - 70	21900	--	--	22900	--	--	--	--	--	--	--	--	--	--
BBMW-39S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41D	65 - 70	--	--	--	29300	--	--	--	--	--	--	--	--	--	--
MW-05S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05D	35.5 - 45.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08D	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09S	4 - 14	--	28100	--	--	20900	--	--	--	--	--	--	--	--	--
MW-09I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
OU2MW-48I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48D	65 - 70	--	--	--	8960	--	--	--	--	--	--	--	--	--	--
OU2MW-49S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49D	63 - 68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	5 - 15	40400	--	--	24000	--	--	--	12100	--	--	13700	13000	--	--
OZMW-16I	20 - 30	5000 U	--	--	5000 U	--	--	--	5000 U	--	--	5000 U	5000 U	--	--
OZMW-16I2	35 - 45	20800	--	--	9680	--	--	--	25300	--	--	16700	18500	--	--
OZMW-16D	55 - 65	69600 D	--	--	50000	--	--	--	63800 D	--	--	76100 D	55600	--	--
OZMW-17S	5 - 15	33800	--	--	22700	--	--	--	15000	--	10400	--	9990	--	--
OZMW-17I	20 - 30	5000 U	--	--	5000 U	--	--	--	5000 U	--	5000 U	--	5000 U	--	--
OZMW-17I2	35 - 45	14000	--	--	31800	--	--	--	23100	--	27800	--	25000	--	--
OZMW-17D	53 - 63	130000 D	--	--	104000 D	--	--	--	77400 D	--	112000 D	--	164000	--	--
OZMW-18S	5 - 15	14100	--	--	11500	--	--	--	12600	--	--	8990	7610	--	--
OZMW-18I	20 - 30	5000 U	--	--	5000 U	--	--	--	5000 U	--	--	5000 U	5000 U	--	--
OZMW-18I2	35 - 45	5000 U	--	--	5000 U	--	--	--	5000 U	--	--	5000 U	5000 U	--	--
OZMW-18D	55 - 65	**250000 D**	--	--	177000 D	--	--	--	169000 D	--	--	155000 D	135000	--	--
OZMW-19S	5 - 15	18300	--	--	20200	--	--	--	9310	--	5000 U	--	--	14900	--
OZMW-19I	20 - 30	5000 U	--	--	11400	--	--	--	5000 U	--	5000 U	--	--	5000 U	--
OZMW-19I2	35 - 45	5000 U	--	--	5000 U	--	--	--	5000 U	--	5000 U	--	--	5000 U	--
OZMW-19D	55 - 65	29800	--	--	24400	--	--	--	29200	--	39100	--	--	47800	--
OZMW-21S	5 - 15	5000 U	--	--	16900	--	--	--	5000 U	--	--	5000 U	--	5130	--
OZMW-21I	20 - 30	--	5000 U	--	5000 U	--	--	--	5000 U	--	--	5000 U	--	5000 U	--
OZMW-21I2	35 - 45	5000 U	--	--	5000 U	--	--	--	5000 U	--	--	125000 U	--	5000 U	--
OZMW-21D	55 - 65	--	45000	--	45300	--	--	--	37300	--	--	39400	--	45500	--
OZMW-22S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22SR	5 - 15	32300	--	--	32000	--	--	--	37900	--	--	23100	--	42600	--
OZMW-22I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22IR	20 - 30	25200	--	--	25300	--	--	--	21500	--	--	26100	--	24400	--
OZMW-22I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5 - 15	--	--	--	9210	--	--	10300	--	--	9090	--	27100	--	--
OZMW-23I	20 - 30	--	--	--	6520	--	--	5000 U	--	--	5000 U	--	5000 U	--	--
OZMW-23I2	35 - 45	--	--	--	35300	--	--	20400	--	--	46000	--	63900	--	--
OZMW-23D	55 - 65	--	--	--	115000 D	--	--	98900 D	--	--	122000 D	--	76100	--	--
OZMW-24S	5 - 15	--	--	--	21400	--	--	34300	--	--	35500	--	11400	--	--
OZMW-24I	20 - 30	--	--	--	5000 U	--	--	5000 U	--	--	5000 U	--	5000 U	--	--
OZMW-24I2	35 - 45	--	--	--	23300	--	--	24300	--	--	18400	--	15400	--	--
OZMW-24D	55 - 65	--	--	--	**677000 D**	--	--	**496000 D**	--	--	**739000 D**	--	**700000**	--	--
OZMW-25S	5 - 15	15100	--	--	41100	--	--	--	6970	--	--	5000 U	--	23300	--
OZMW-25I	20 - 30	5000 U	--	--	5000 U	--	--	--	5000 U	--	--	5000 U	--	5000 U	--
OZMW-25I2	35 - 45	20000	--	--	8940	--	--	--	30600	--	--	25500	--	17800	--
OZMW-25D	55 - 65	21500	--	--	28200	--	--	--	19300	--	--	18600	--	23500	--
OZMW-26S	5 - 15	7060	--	--	7500	--	--	--	5000 U	--	10500	--	--	5000 U	--
OZMW-26I	20 - 30	7430	--	--	5000 U	--	--	--	5770	--	5000 U	--	--	5000 U	--
OZMW-26I2	35 - 45	24500	--	--	16400	--	--	--	5000 U	--	16000	--	--	20900	--
OZMW-26D	55 - 65	30600	--	--	17500	--	--	--	33400	--	35600	--	--	24900	--

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		May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
Operable Unit No. 2 (OU-2)															
BBMW-01S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-01I	32 - 42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-01D	68.5 - 78.5	--	--	--	--	--	--	--	70100 D	--	--	49500 D	--	--	--
BBMW-02S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02D	73 - 83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03D	52 - 62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-07D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23I	33 - 43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23D	49.5 - 59.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24I	32 - 42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24D	59.5 - 69.5	--	--	--	**518000 D**	--	--	**557000 D**	--	--	**589000 D**	--	--	**642000**	--
BBMW-25S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-25I	25 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-25D	62 - 72	--	--	--	--	--	--	--	--	--	--	--	--	8510	--
GM-05S	5.1 - 20.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-05I	35.05 - 48.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-05D	60.95 - 75.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMP-04	15.5 - 20.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04D	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2IW-01S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-05	25 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06	15 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	Screen Interval (feet bgs)	2011								2012					
		May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
OU2MW-07S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-07	15 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-09	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10S	3 - 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12S	3 - 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I2	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17S	5 - 10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18D	60 - 70	--	--	--	34600 D	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	13 - 23	--	--	--	47400 D	--	--	--	17900	--	--	37100	--	--	9610
OU2MW-19I2	35 - 45	--	--	--	5260	--	--	--	5000 U	--	--	5000 U	--	--	5000 U
OU2MW-19D	65 - 70	--	--	--	227000 D	--	--	--	106000 D	--	--	50000	--	--	72000 D
OU2MW-20S	4 - 9	--	--	9390	--	--	7200	--	--	--	10100	--	--	15000	--
OU2MW-20I	13 - 23	--	--	44400	--	--	47200	--	--	--	67400 D	--	--	80500 D	--
OU2MW-20I2	35 - 45	--	--	12100	--	--	14700	--	--	--	16400	--	--	18900	--
OU2MW-20D	65 - 70	--	--	58500 D	--	--	40200	--	--	--	17900	--	--	11800	--
OU2MW-21I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
OU2MW-22I2	46 - 51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22D	67 - 72	--	--	--	62300 D	--	--	--	--	--	--	--	--	--	--
OU2MW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	139000 D	--
OU2MW-24S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24D	62 - 67	--	--	**535000 D**	--	--	--	**496000 D**	--	--	**527000 D**	--	--	**433000 D**	--
OU2MW-25S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25D	70 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26S	6 - 11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26D	60 - 70	--	--	--	--	--	--	46600	--	--	--	--	--	--	--
OU2MW-27S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27D	65 - 70	--	--	--	--	--	--	--	**296000 D**	--	100000 D	--	--	--	240000 D
OU2MW-28S	5 - 15	--	--	25500	--	--	15500	--	--	--	33400	--	20700	--	--
OU2MW-28I	28 - 33	--	--	8700	--	--	19000	--	--	--	13900	--	13100	--	--
OU2MW-28I2	40 - 45	--	--	43800	--	--	41300	--	--	--	39000	--	36100	--	--
OU2MW-29I	18 - 23	--	--	78800	--	--	92700 D	--	--	--	96200 D	--	90600 D	--	--
OU2MW-29I2	30 - 35	--	--	22300	--	--	54600 D	--	--	--	50300 D	--	55000 D	--	--
OU2MW-29D	45 - 50	--	--	114000	--	--	126000 D	--	--	--	167000 D	--	176000 D	--	--
OU2MW-30S	5 - 15	--	--	33000	--	--	23600	--	--	--	26600	--	21500	--	--
OU2MW-30I	25 - 30	--	--	33600	--	--	38100	--	--	--	33800	--	35300	--	--
OU2MW-30I2	30 - 35	--	--	44500	--	--	32900	--	--	--	34500	--	39800	--	--
OU2MW-30I3	45 - 50	--	--	38300	--	--	37300	--	--	--	39500	--	40700	--	--
OU2MW-30D	50 - 55	--	--	47200	--	--	55500 D	--	--	--	49600	--	52800 D	--	--
OU2MW-30D2	60 - 65	--	--	45500	--	--	36900	--	--	--	63400 D	--	81100 D	--	--
OU2MW-31I	18 - 23	--	--	65800	--	--	79500 D	--	--	--	58400 D	--	64200 D	--	--
OU2MW-31I2	30 - 35	--	--	45500	--	--	53300 D	--	--	--	44500	--	46900 D	--	--
OU2MW-32S	5 - 15	--	--	11400	--	--	10600	--	--	--	8060	--	6800	--	--
OU2MW-32I	20 - 25	--	--	55300	--	--	48000	--	--	--	29600	--	37700	--	--
OU2MW-32I2	30 - 35	--	--	63300	--	--	73100 D	--	--	--	48800	--	49600	--	--
OU2MW-32D	40 - 45	--	--	44500	--	--	69000 D	--	--	--	71200 D	--	72900 D	--	--
OU2MW-35S	5 - 15	43700	--	--	29100	--	--	14400	--	--	24200	--	--	31700	--
OU2MW-35I	25 - 30	24400	--	--	28200	--	--	14200	--	--	14600	--	--	18100	--
OU2MW-35I2	45 - 50	53500 D	--	--	75200	--	--	107000 D	--	--	41000	--	--	27700	--
OU2MW-35D	57 - 62	**394000 DH**	--	--	**291000**	--	--	168000 D	--	--	139000 D	--	--	101000 D	--
OU2MW-36S	5 - 15	14500	--	14900	--	--	--	7010	--	--	9120	--	--	11500	--
OU2MW-36I	25 - 30	48300 D	--	39900	--	--	--	36200	--	--	25100	--	--	23200	--
OU2MW-36I2	45 - 50	84800 D	--	105000	--	--	--	108000 D	--	--	111000 D	--	--	93300 D	--
OU2MW-36D	61 - 66	**268000 D**	--	**378000**	--	--	--	**445000 D**	--	--	**416000 D**	--	--	**411000 D**	--
OU2MW-37S	5 - 15	26100	--	--	10700	--	--	17200	--	--	14300	--	--	23000	--

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OU2MW-37I	25 - 30	16100	--	--	11100	--	--	11500	--	--	21800	--	--	35500	--
OU2MW-37I2	45 - 50	35000	--	--	38000	--	--	19500	--	--	25200	--	--	26700	--
OU2MW-37D	67 - 72	143000 D	--	--	145000	--	--	75200 D	--	--	144000 D	--	--	123000 D	--
OU2MW-38S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I2	46 - 51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38D	56 - 61	--	--	--	75500	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	5 - 15	--	--	--	17800	--	17500	--	--	--	17800	--	17900	--	--
OU2MW-39I	25 - 30	--	--	--	7410	--	9230	--	--	--	5000 U	--	5110	--	--
OU2MW-39I2	45 - 50	--	--	--	58900	--	49700	--	--	--	44500	--	35200	--	--
OU2MW-39D	70 - 75	--	--	--	42000	--	39100	--	--	--	40400	--	47700	--	--
OU2MW-40S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40I	18 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41I	18 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42S	5 - 15	41700	--	--	35900	--	--	39400	--	--	32900	--	--	29600	--
OU2MW-42I	25 - 30	9080	--	--	5830	--	--	8980	--	--	5000 U	--	--	6490	--
OU2MW-42I2	45 - 50	31400	--	--	23700	--	--	30700	--	--	25700	--	--	14800	--
OU2MW-42D	60 - 65	**547000 D**	--	--	**389000**	--	--	**585000 D**	--	--	**633000 D**	--	--	**499000 D**	--
OU2MW-43S	5 - 15	52100 D	--	36300	--	--	--	43800	--	--	--	51200 D	--	--	46700
OU2MW-43I	25 - 30	5010	--	5000 U	--	--	--	5000 U	--	--	--	5000 U	--	--	5000 U
OU2MW-43I2	45 - 50	5000 U	--	5000 U	--	--	--	5000 U	--	--	--	20400	--	--	13800
OU2MW-43D	65 - 70	**398000 D**	--	**364000**	--	--	--	7340	--	--	--	**438000 D**	--	--	**385000 D**
OU2MW-44S	5 - 15	18500	--	22600	--	--	--	--	15700	--	--	24900	--	--	22800
OU2MW-44I	25 - 30	26600	--	20200	--	--	--	--	13500	--	--	17300	--	--	22300
OU2MW-44I2	45 - 50	21400	--	18200	--	--	--	--	16600	--	--	19800	--	--	17600
OU2MW-44D	65 - 70	31700	--	29900	--	--	--	--	28300	--	--	30200	--	--	28300
OU2MW-45S	5 - 15	13300	--	--	14700	--	--	21900	--	--	21600	--	--	18600	--
OU2MW-45I	20 - 25	--	--	--	93400	--	--	62700 D	--	--	89700 D	--	--	97400 D	--
OU2MW-45I2	40 - 45	29600	--	--	19300	--	--	13900	--	--	12700	--	--	14900	--
OU2MW-45D	55 - 60	--	--	--	23400	--	--	20700	--	--	16900	--	--	19300	--
OU2MW-46S	5 - 15	--	--	--	39400	--	--	26400	--	--	31800	--	--	--	29800
OU2MW-46I	20 - 25	--	--	--	18500	--	--	15200	--	--	14100	--	--	--	7280
OU2MW-46I2	40 - 45	--	--	--	27300	--	--	27000	--	--	19400	--	--	--	12300
OU2MW-47S	5 - 15	--	--	--	29000	--	25500	--	--	--	37900	--	--	36300	--
OU2MW-47I	20 - 25	--	--	--	19900	--	8670	--	--	--	60100 D	--	--	48500	--
OU2MW-47I2	40 - 45	--	--	--	13100	--	6780	--	--	--	12700	--	--	14000	--
OU2MW-47D	60 - 65	--	--	--	31500	--	40300	--	--	--	30300	--	--	22700	--
OU2MW-52S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54D	60 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-55I	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Operable Unit No. 3 (OU-3)															
MW-64	19 - 24	--	5000 U	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2 - 12	--	38600	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25 - 30	--	5000 U	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Operable Unit No.4 (OU-4)															
WCMW-01S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01I	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02S	3 - 13	--	19600	19800	--	--	--	--	--	--	--	--	--	--	--
WCMW-02I	34.5 - 44.5	--	135000 D	5000 U	--	--	--	--	--	--	--	--	--	--	--
WCMW-02D	62 - 72	--	5000 U	96200 D	--	--	--	--	--	--	--	--	--	--	--
WCMW-03S	4.83 - 9.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I	19.4 - 24.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I2	28.55 - 33.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04S	1.6 - 11.6	--	--	--	--	229000 D	--	--	47400	34200	--	--	--	--	--
WCMW-04I	19 - 24	--	--	--	--	87500 D	--	--	13100	12800	--	--	--	--	--
WCMW-04I2	29.85 - 34.85	--	--	--	--	234000 D	--	--	36800	26600	--	--	--	--	--
WCMW-05S	1.15 - 11.15	--	--	--	--	**524000 D**	--	--	**306000 D**	231000	--	--	--	--	69200 D
WCMW-05I	19.61 - 24.61	--	--	--	--	12700	--	--	11500	13800	--	--	--	--	5180
WCMW-05I2	29.46 - 34.46	--	--	--	--	137000 D	--	--	19600	16300	--	--	--	--	28000
WCMW-06S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I	19.55 - 24.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I2	29.83 - 34.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10D	40 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11S	5 - 15	--	--	--	--	59800 D	--	--	--	88700	--	--	--	--	52200 D
WCMW-11I	25 - 30	--	--	--	--	36000	--	--	--	10100	--	--	--	--	9920
WCMW-11D	50 - 60	--	--	--	--	77600 D	--	--	--	48900	--	--	--	--	52700 D
WCMW-13S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14S	2 - 12	--	--	96200 D	--	--	--	--	95000 D	37100	--	--	--	--	--

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Well ID	Screen Interval (feet bgs)	2011								2012					
		May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
WCMW-14I	20 - 25	--	--	5000 U	--	--	--	--	31400	68800	--	--	--	--	--
WCMW-14I2	30 - 35	--	--	34400	--	--	--	--	34200	35600	--	--	--	--	--
WCMW-14D	67 - 72	--	--	6630	--	--	--	--	7030	6260	--	--	--	--	--
WCMW-16S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2 - 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30 - 35	--	--	--	--	46700 D	--	--	41800	40900	--	--	--	--	35900
WCMW-25D	55 - 60	--	--	--	--	106000 D	--	--	120000 D	129000	--	--	--	--	83300 D
WCMW-30I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		Jul-12	Aug-12	Sep-12	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14
Operable Unit No. 1 (OU-1)															
BBMW-04D	63 - 73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-05D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06D	66 - 76	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-08D	65 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-17S	5.5 - 15.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-17I	30.5 - 40.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18D	60 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19I	29.6 - 39.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19D	64.75 - 74.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20I	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20D	62 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22S	5 - 10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05D	35.5 - 45.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08D	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-48I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49D	63 - 68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	5 - 15	--	9300	--	--	10400	--	--	--	--	--	--	--	--	--
OZMW-16I	20 - 30	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-16I2	35 - 45	--	26300	--	--	25200	--	--	--	--	--	--	--	--	--
OZMW-16D	55 - 65	--	48500	--	--	65600 D	--	--	--	--	--	--	--	--	--
OZMW-17S	5 - 15	--	11900	--	--	13300	--	--	--	--	--	--	--	--	--
OZMW-17I	20 - 30	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-17I2	35 - 45	--	26100	--	--	27000	--	--	--	--	--	--	--	--	--
OZMW-17D	53 - 63	--	59700 D	--	--	69000 D	--	39900	--	--	--	53300 D	--	--	30200
OZMW-18S	5 - 15	--	13800	--	--	13500	--	--	--	--	--	--	--	--	--
OZMW-18I	20 - 30	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-18I2	35 - 45	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-18D	55 - 65	--	155000 D	--	--	120000 D	--	11700	--	--	--	102000 D	--	--	109000 D
OZMW-19S	5 - 15	--	13200	--	--	18900	--	--	--	--	--	--	--	--	--
OZMW-19I	20 - 30	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-19I2	35 - 45	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-19D	55 - 65	--	29700	--	--	42700	--	--	--	--	--	--	--	--	--
OZMW-21S	5 - 15	--	13800	--	--	5200	--	--	--	--	--	--	--	--	--
OZMW-21I	20 - 30	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-21I2	35 - 45	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-21D	55 - 65	--	41800	--	--	46300	--	--	--	--	--	--	--	--	--
OZMW-22S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22SR	5 - 15	--	39300	--	--	12300	--	--	--	--	--	--	--	--	--
OZMW-22I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22IR	20 - 30	--	23800	--	--	24600	--	--	--	--	--	--	--	--	--
OZMW-22I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5 - 15	--	18000	--	--	12900	--	--	--	--	--	--	--	--	--
OZMW-23I	20 - 30	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-23I2	35 - 45	--	33500	--	--	36500	--	--	--	--	--	--	--	--	--
OZMW-23D	55 - 65	--	177000 D	--	--	103000 D	--	--	--	--	--	--	--	--	--
OZMW-24S	5 - 15	--	13300	--	--	16200	--	--	--	--	--	--	--	--	--
OZMW-24I	20 - 30	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-24I2	35 - 45	--	5500	--	--	12100	--	--	--	--	--	--	--	--	--
OZMW-24D	55 - 65	--	**569000 D**	--	--	**598000 D**	--	**516000**	--	--	--	**413000 D**	--	--	**454000 D**
OZMW-25S	5 - 15	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-25I	20 - 30	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-25I2	35 - 45	--	10500	--	--	6380	--	--	--	--	--	--	--	--	--
OZMW-25D	55 - 65	--	29000	--	--	17700	--	--	--	--	--	--	--	--	--
OZMW-26S	5 - 15	--	5000 U	--	--	5240	--	--	--	--	--	--	--	--	--
OZMW-26I	20 - 30	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OZMW-26I2	35 - 45	--	7660	--	--	23700	--	--	--	--	--	--	--	--	--
OZMW-26D	55 - 65	--	23100	--	--	34600	--	--	--	--	--	--	--	--	--

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		Jul-12	Aug-12	Sep-12	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14
Operable Unit No. 2 (OU-2)															
BBMW-01S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-01I	32 - 42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-01D	68.5 - 78.5	--	--	--	--	--	--	46100	--	--	48900	--	--	--	--
BBMW-02S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02D	73 - 83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03D	52 - 62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-07D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23I	33 - 43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23D	49.5 - 59.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24I	32 - 42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24D	59.5 - 69.5	--	**593000 D**	--	--	125000 D	--	**334000 D**	--	--	--	--	--	--	**300000 D**
BBMW-25S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-25I	25 - 35	--	--	--	--	--	--	--	--	--	19000	--	--	18000	--
BBMW-25D	62 - 72	7160	--	--	--	9530	--	--	--	--	16900	--	--	17400	--
GM-05S	5.1 - 20.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-05I	35.05 - 48.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-05D	60.95 - 75.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMP-04	15.5 - 20.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04D	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2IW-01S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I	35 - 40	--	--	--	--	--	--	--	--	--	--	24600	--	--	28300
OU2MW-02I2	50 - 55	--	--	--	--	--	--	--	--	82000 D	--	154000	--	--	211000 D
OU2MW-02D	65 - 70	--	--	--	--	--	--	--	--	6860	--	6210	--	--	6870
OU2MW-03S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04S	20 - 25	--	--	--	--	--	--	--	--	43500	--	--	--	--	--
OU2MW-04I	35 - 40	--	--	--	--	--	--	--	--	21900	--	--	--	--	--
OU2MW-04I2	50 - 55	--	--	--	--	--	--	--	--	7110	--	--	--	--	--
OU2MW-04D	65 - 70	--	--	--	--	--	--	--	--	5730	--	--	--	--	--
OU2MW-05	25 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06	15 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-07S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-07	15 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-09	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10S	3 - 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12S	3 - 7	--	--	--	--	--	--	14900	--	--	--	--	--	--	8990
OU2MW-12I	20 - 25	--	--	--	--	--	--	46300	--	--	--	--	--	--	75100 D
OU2MW-12I2	30 - 35	--	--	--	--	--	--	37400	--	--	--	--	--	--	49200
OU2MW-12D	40 - 45	--	--	--	--	--	--	5710	--	--	--	--	--	--	14500
OU2MW-13S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I2	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17S	5 - 10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18D	60 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	13 - 23	--	33800	--	12600	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	35 - 45	--	7260	--	5000 U	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	65 - 70	--	13200	--	66400	--	--	70500	--	--	47400	--	--	59600 D	--
OU2MW-20S	4 - 9	--	13300	--	16400	--	--	--	--	--	--	--	--	--	--
OU2MW-20I	13 - 23	--	52700	--	56800	--	--	--	--	--	--	--	--	--	--
OU2MW-20I2	35 - 45	--	18700	--	23700	--	--	--	--	--	--	--	--	--	--
OU2MW-20D	65 - 70	--	12500	--	20500	--	--	--	--	--	--	--	--	--	--
OU2MW-21I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		Jul-12	Aug-12	Sep-12	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14
OU2MW-22I2	46 - 51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22D	67 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23D	65 - 70	--	116000	--	--	64000 D	--	--	50400	--	--	--	--	--	--
OU2MW-24S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24D	62 - 67	--	**338000**	--	--	107000 D	--	--	62100	--	--	--	--	--	--
OU2MW-25S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25D	70 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26S	6 - 11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26D	60 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27D	65 - 70	--	234000 D	--	--	--	141000 D	--	102000 D	--	--	--	65400 D	--	--
OU2MW-28S	5 - 15	--	35600	--	--	--	18800	--	--	--	--	--	--	--	--
OU2MW-28I	28 - 33	--	19700	--	--	--	24100	--	--	--	--	--	--	--	--
OU2MW-28I2	40 - 45	--	34000	--	--	--	28900	--	--	--	--	--	--	--	--
OU2MW-29I	18 - 23	--	64800 D	--	--	--	35600	--	--	--	--	--	--	--	--
OU2MW-29I2	30 - 35	--	81100 D	--	--	--	85300 D	--	66900 D	--	58200 D	--	--	--	41000
OU2MW-29D	45 - 50	--	134000 D	--	--	--	159000 D	--	100000 D	--	136000 D	--	--	--	123000
OU2MW-30S	5 - 15	--	25600	--	--	--	34400	--	--	--	--	--	--	--	--
OU2MW-30I	25 - 30	--	29400	--	--	--	7860	--	--	--	--	--	--	--	--
OU2MW-30I2	30 - 35	--	42200	--	--	--	19700	--	--	--	--	--	--	--	--
OU2MW-30I3	45 - 50	--	40500	--	--	--	30200	--	28100	--	--	30600	--	--	36300
OU2MW-30D	50 - 55	--	71500 D	--	--	--	87500 D	--	67400 D	--	--	71200 D	--	--	67900
OU2MW-30D2	60 - 65	--	82400 D	--	--	--	**376000 D**	--	**273000 D**	--	--	**377000 D**	--	--	**411000**
OU2MW-31I	18 - 23	--	51800 D	--	--	--	18200	--	--	--	--	--	--	--	--
OU2MW-31I2	30 - 35	--	50000	--	--	--	40600	--	--	--	--	--	--	--	--
OU2MW-32S	5 - 15	--	12900	--	--	--	10900	--	--	--	--	--	--	--	--
OU2MW-32I	20 - 25	--	50700 D	--	--	--	41800	--	--	--	--	--	--	--	--
OU2MW-32I2	30 - 35	--	43300	--	--	--	7780	--	--	--	--	--		--	--
OU2MW-32D	40 - 45	--	49700	--	--	--	38600	--	--	--	--	--	--	--	--
OU2MW-35S	5 - 15	--	14500	--	--	20200	--	--	--	--	--	--	--	--	--
OU2MW-35I	25 - 30	--	12200	--	--	5000 U	--	--	--	--	--	--	--	--	--
OU2MW-35I2	45 - 50	--	29600	--	--	34600 D	--	--	--	--	--	--	--	--	--
OU2MW-35D	57 - 62	--	95300 D	--	--	50700 D	--	--	114000 D	--	--	68700 D	--	--	--
OU2MW-36S	5 - 15	--	11900	--	--	7770	--	--	--	--	--	--	--	--	--
OU2MW-36I	25 - 30	--	14900	--	--	6580	--	--	--	--	--	--	--	--	--
OU2MW-36I2	45 - 50	--	78300 D	--	--	49600	--	--	--	--	--	--	--	--	--
OU2MW-36D	61 - 66	--	**312000 D**	--	--	66100 D	--	--	38000	--	--	--	--	--	--
OU2MW-37S	5 - 15	--	16600	--	--	15800	--	--	--	--	--	--	--	--	--

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OU2MW-37I	25 - 30	--	17100	--	--	15800	--	--	--	--	--	--	--	--	--
OU2MW-37I2	45 - 50	--	24600	--	--	27000	--	--	--	--	--	--	--	--	--
OU2MW-37D	67 - 72	--	158000 D	--	--	79900 D	--	--	78900	--	--	--	--	--	--
OU2MW-38S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I2	46 - 51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38D	56 - 61	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	5 - 15	--	18500	--	--	18100	--	--	--	--	--	--	--	--	--
OU2MW-39I	25 - 30	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OU2MW-39I2	45 - 50	--	33400	--	--	26100	--	--	--	--	--	--	--	--	--
OU2MW-39D	70 - 75	--	45600	--	--	43300	--	--	--	--	--	--	--	--	--
OU2MW-40S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40I	18 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41I	18 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42S	5 - 15	--	35800	--	--	24700	--	--	--	--	--	--	--	--	--
OU2MW-42I	25 - 30	--	25000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OU2MW-42I2	45 - 50	--	11000	--	--	13900	--	--	--	--	--	--	--	--	--
OU2MW-42D	60 - 65	--	**469000 D**	--	--	**377000 D**	--	--	**262000 D**	--	--	**384000 D**	--	--	--
OU2MW-43S	5 - 15	--	50000	--	--	21100	--	--	--	--	--	--	--	--	--
OU2MW-43I	25 - 30	--	5000 U	--	--	5000 U	--	--	--	--	--	--	--	--	--
OU2MW-43I2	45 - 50	--	10400	--	--	11000	--	--	--	--	--	--	--	--	--
OU2MW-43D	65 - 70	--	246000 D	--	--	243000	--	--	231000 D	--	--	223000 D	--	--	--
OU2MW-44S	5 - 15	--	18300	--	--	14200	--	--	--	--	--	--	--	--	--
OU2MW-44I	25 - 30	--	44900	--	--	19400	--	--	--	--	--	--	--	--	--
OU2MW-44I2	45 - 50	--	20500	--	--	15000	--	--	--	--	--	--	--	--	--
OU2MW-44D	65 - 70	--	31800	--	--	27800	--	--	--	--	--	--	--	--	--
OU2MW-45S	5 - 15	--	38100	--	--	5000	--	--	--	--	--	--	--	--	--
OU2MW-45I	20 - 25	--	95800 D	--	--	25000 D	--	--	--	--	--	--	--	--	--
OU2MW-45I2	40 - 45	--	13100	--	--	5000	--	--	--	--	--	--	--	--	--
OU2MW-45D	55 - 60	--	18500	--	--	5000	--	--	--	--	--	--	--	--	--
OU2MW-46S	5 - 15	--	29900	--	--	5000	--	--	--	--	--	--	--	--	--
OU2MW-46I	20 - 25	--	6650	--	--	5000 U	--	--	--	--	--	--	--	--	--
OU2MW-46I2	40 - 45	--	10800	--	--	5000	--	--	16500	--	--	--	--	--	--
OU2MW-47S	5 - 15	--	39900	--	--	5000	--	--	--	--	--	--	--	--	--
OU2MW-47I	20 - 25	--	25400	--	--	5000	--	--	--	--	--	--	--	--	--
OU2MW-47I2	40 - 45	--	20400	--	--	5000	--	--	--	--	--	--	--	--	--
OU2MW-47D	60 - 65	--	32400	--	--	5000	--	--	21000	--	33500	--	--	--	--
OU2MW-52S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-52D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54D	60 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-55I	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Operable Unit No. 3 (OU-3)															
MW-64	19 - 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Operable Unit No.4 (OU-4)															
WCMW-01S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01I	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02I	34.5 - 44.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02D	62 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03S	4.83 - 9.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I	19.4 - 24.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I2	28.55 - 33.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04S	1.6 - 11.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04I	19 - 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04I2	29.85 - 34.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-05S	1.15 - 11.15	--	--	26300	--	--	20700	--	15400						
WCMW-05I	19.61 - 24.61	--	--	5000 U	--	--	9730	--	5000 U	--	--	--	--	--	--
WCMW-05I2	29.46 - 34.46	--	--	14000	--	--	16300	--	16100	--	--	--	--	--	--
WCMW-06S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I	19.55 - 24.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I2	29.83 - 34.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10D	40 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11S	5 - 15	--	--	59900 D	--	--	55700 D	--	32000	--	--	--	--	--	--
WCMW-11I	25 - 30	--	--	47800 D	--	--	74000 D	--	5000 U	--	--	--	--	--	--
WCMW-11D	50 - 60	--	--	52200 D	--	--	44200 D	--	--	--	--	--	--	--	--
WCMW-13S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	Screen Interval (feet bgs)	2012			2013									2014	
		Jul-12	Aug-12	Sep-12	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14
WCMW-14I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14D	67 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2 - 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30 - 35	--	--	38000	--	27600	--	--	--	--	--	--	--	--	--
WCMW-25D	55 - 60	--	--	99400 D	--	86200 D	--	--	--	--	--	--	--	--	--
WCMW-30I	20 - 25	--	--	--	--	--	--	--	5000 U	--	--	--	--	--	--
WCMW-30I2	30 - 35	--	--	--	--	--	--	--	18700	--	--	--	--	--	--

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Well ID	Screen Interval (feet bgs)	2014										2015				
		Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15
Operable Unit No. 1 (OU-1)																
BBMW-04D	63 - 73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-05D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06D	66 - 76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-08D	65 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-17S	5.5 - 15.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-17I	30.5 - 40.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18D	60 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19I	29.6 - 39.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19D	64.75 - 74.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20I	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20D	62 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22S	5 - 10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05D	35.5 - 45.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08D	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15
OU2MW-48I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49D	63 - 68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17D	53 - 63	--	--	26200	--	--	28000	--	18900	--	--	24500	--	--	12100	--
OZMW-18S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18D	55 - 65	--	--	57400 D	--	--	63800 D	--	89300	--	--	86100 D	--	--	97800 D	--
OZMW-19S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22SR	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22IR	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24D	55 - 65	--	--	**384000 D**	--	--	**384000 D**	--	**444000**	--	--	--	**493000 D**	--	--	**422000 D**
OZMW-25S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15
Operable Unit No. 2 (OU-2)																
BBMW-01S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-01I	32 - 42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-01D	68.5 - 78.5	44100	--	40700	--	--	169000 D	--	38100	--	--	--	--	33800	--	34700
BBMW-02S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02D	73 - 83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03D	52 - 62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-07D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23I	33 - 43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23D	49.5 - 59.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24I	32 - 42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24D	59.5 - 69.5	--	**278000 D**	--	--	--	--	213000 D	196000	--	--	--	--	212000 D	--	205000 D
BBMW-25S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-25I	25 - 35	--	--	--	--	12400	--	--	10800	--	--	11900	--	--	--	--
BBMW-25D	62 - 72	--	--	--	--	35600	--	--	45400	--	--	43100 D	--	--	49900	--
GM-05S	5.1 - 20.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-05I	35.05 - 48.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-05D	60.95 - 75.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMP-04	15.5 - 20.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04D	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2IW-01S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I	35 - 40	--	29700	--	--	--	--	--	20200	--	--	26600	--	--	26700	--
OU2MW-01I2	50 - 55	--	121000 D	--	--	--	--	--	123000	--	--	137000 D	--	--	65000 D	--
OU2MW-01D	65 - 70	--	6430	--	--	--	--	--	7500	--	--	8550	--	--	7000	--
OU2MW-02S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I	35 - 40	--	--	34300	--	--	--	35800	30800	--	--	--	--	38000	--	--
OU2MW-02I2	50 - 55	--	--	9570	--	--	--	**301000 D**	47600	--	--	--	--	**348000 D**	--	--
OU2MW-02D	65 - 70	--	--	6650	--	--	--	8530	7100	--	--	--	--	7960	--	--
OU2MW-03S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04S	20 - 25	56800 D	--	--	--	--	--	21300	13400	--	--	--	--	30100	--	--
OU2MW-04I	35 - 40	48400	--	33100	--	--	--	70200 D	57800	--	--	--	--	65800 D	--	--
OU2MW-04I2	50 - 55	7890	--	48500	--	--	--	28200	27500	--	--	--	--	106000 D	--	--
OU2MW-04D	65 - 70	5580	--	9240	--	--	--	6760	5510	--	--	--	--	7390	--	--
OU2MW-05	25 - 35		--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	11700	--
OU2MW-06	15 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	33400	--

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		Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15
OU2MW-07S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-07	15 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08S	20 - 25	--	--	--	--	--	--	--	14000	--	--	--	--	--	--	--
OU2MW-08I	35 - 40	--	13500	--	--	--	8260	--	5000 U	--	--	--	5410	--	--	--
OU2MW-08I2	50 - 55	--	104000 D	--	--	--	149000 D	--	105000	--	--	--	98800 D	--	--	--
OU2MW-08D	65 - 70	--	6600	--	--	--	6750	--	5960	--	--	--	--	--	--	--
OU2MW-09	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10S	3 - 7		--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12S	3 - 7	--	--	13700	--	--	12400	--	19400	--	--	--	--	12900	--	10200
OU2MW-12I	20 - 25	--	--	49500	--	--	48800	--	49500	--	--	--	--	31700	--	46100
OU2MW-12I2	30 - 35	--	--	63000 D	--	--	234000 D	--	48400	--	--	--	--	47600	--	37900
OU2MW-12D	40 - 45	--	--	6890	--	--	26900	--	49800	--	--	--	--	42100	--	54700 D
OU2MW-13S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I2	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17S	5 - 10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18D	60 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	65 - 70	--	--	45000	--	--	34900	--	34700	--	--	34100 J	--	--	--	41400
OU2MW-20S	4 - 9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-22I2	46 - 51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22D	67 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24D	62 - 67	38700	--	--	--	--	--	36600	34400	--	--	36300 J	--	--	--	41100
OU2MW-25S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25D	70 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26S	6 - 11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26D	60 - 70	--	--	--	--	--	--	--	--	49800	--	--	--	45100 J	--	35900 D
OU2MW-27S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27D	65 - 70	72400	--	--	--	--	--	55000 D	--	54900 D	--	--	--	60100	--	--
OU2MW-28S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28I	28 - 33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28I2	40 - 45	--	--	--	--	--	18600	--	12300	--	--	--	15400	--	--	--
OU2MW-29I	18 - 23	--	119000 D	--	--	--	37100	--	--	19700	--	--	20700	--	--	--
OU2MW-29I2	30 - 35	--	37700	--	--	--	17800	--	--	19600	--	--	22200	--	--	--
OU2MW-29D	45 - 50	--	181000 D	--	--	--	57200 D	--	--	47700	--	--	46400	--	59800 D	--
OU2MW-30S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	30 - 35	--	--	--	--	--	--	--	--	--	--	5000 U	--	--	--	--
OU2MW-30I3	45 - 50	--	30700	--	--	--	--	--	29900	--	--	24900 J	--	--	27700	--
OU2MW-30D	50 - 55	--	11100	--	--	43900	--	--	44300	--	--	31500 J	--	--	38000	--
OU2MW-30D2	60 - 65	--	23900	--	--	**516000 D**	--	--	**473000 D**	--	--	**445000 J**	--	--	**584000 D**	--
OU2MW-31I	18 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-31I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35D	57 - 62	101000	--	--	--	--	--	55200 D	49000	--	--	--	--	92300	--	97800 D
OU2MW-36S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36D	61 - 66	31700	--	31800	--	--	--	34600	31500	--	--	--	46700 J	--	--	--
OU2MW-37S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-37I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37D	67 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I2	46 - 51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38D	56 - 61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	70 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40I	18 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41I	18 - 23	--	--	--	--	--	--	--	--	--	55.0 D	--	46500	--	--	--
OU2MW-42S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42D	60 - 65	**463000**	--	34500	--	--	--	241000 D	215000 D	--	--	--	**265000 J**		--	**299000 D**
OU2MW-43S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43D	65 - 70	**267000**	--	174000 D	--	--	--	123000 D	81100 D	--	--	--	--	153000	--	180000 D
OU2MW-44S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45D	55 - 60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	60 - 65	--	--	--	--	--	--	--	15200	--	--	--	23800	--	14800	--
OU2MW-52S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5000 U
OU2MW-52I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	66300 D
OU2MW-52D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	48200
OU2MW-53S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54D	60 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-55I	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	48500
OU2MW-56S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Operable Unit No. 3 (OU-3)																
MW-64	19 - 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Operable Unit No.4 (OU-4)																
WCMW-01S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01I	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02I	34.5 - 44.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02D	62 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03S	4.83 - 9.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I	19.4 - 24.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I2	28.55 - 33.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04S	1.6 - 11.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04I	19 - 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04I2	29.85 - 34.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-05S	1.15 - 11.15				--	--	--	--	--	--	--	--	--	--	--	--
WCMW-05I	19.61 - 24.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-05I2	29.46 - 34.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I	19.55 - 24.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I2	29.83 - 34.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10D	40 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11D	50 - 60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	Screen Interval (feet bgs)	2014										2015				
		Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15
WCMW-14I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14D	67 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2 - 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25D	55 - 60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
Operable Unit No. 1 (OU-1)																
BBMW-04D	63 - 73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-05D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-06D	66 - 76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-08D	65 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-17S	5.5 - 15.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-17I	30.5 - 40.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-18D	60 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19I	29.6 - 39.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-19D	64.75 - 74.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20I	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-20D	62 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22S	5 - 10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-22D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-38D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-39D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41S	6 - 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-41D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-05D	35.5 - 45.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-08D	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-09D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-48I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-48D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-49D	63 - 68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-16D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-17D	53 - 63	--	43900	--	--	22800	--	--	33300	--	--	33900	--	--	39400	--
OZMW-18S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-18D	55 - 65	--	114000	--	--	97100	--	--	65900	--	--	67400	--	--	77700	--
OZMW-19S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-19D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-21D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22SR	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22IR	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-23D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24I2	35 - 45	--	12700	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-24D	55 - 65	**--**	**457000**	**--**	**--**	**--**	**322000**	**--**	**--**	**329000**	**--**	**--**	**276000**	**--**	**291000**	**--**
OZMW-25S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-25D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I	20 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OZMW-26D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
Operable Unit No. 2 (OU-2)																
BBMW-01S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-01I	32 - 42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-01D	68.5 - 78.5	--	74600	--	--	--	44100	--	--	--	34200	--	35200	--	--	70800
BBMW-02S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-02D	73 - 83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03I	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-03D	52 - 62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-07D	55 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23I	33 - 43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-23D	49.5 - 59.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24I	32 - 42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-24D	59.5 - 69.5	--	34400	--	--	--	146000	--	--	202000	--	--	134000	--	--	142000
BBMW-25S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BBMW-25I	25 - 35	--	--	5290	--	5810	--	--	--	--	--	--	--	--	--	--
BBMW-25D	62 - 72	--	--	91400	--	45300	--	--	48600	--	--	--	49200	--	49600	--
GM-05S	5.1 - 20.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-05I	35.05 - 48.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GM-05D	60.95 - 75.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMP-01	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GMP-04	15.5 - 20.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04S	4 - 14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-04D	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2IW-01S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-01I	35 - 40	--	--	19300	--	10900	--	--	14100	--	--	--	11000	--	8080	--
OU2MW-01I2	50 - 55	--	--	--	159000	**269000**	--	--	**306000**	--	--	--	162000	--	--	--
OU2MW-01D	65 - 70	--	--	--	6720	9750	--	--	6610	--	--	--	10100	--	--	--
OU2MW-02S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-02I	35 - 40	22300	--	--	29500	--	19900	--	--	--	36900	--	29500	--	21800	--
OU2MW-02I2	50 - 55	195000 D	--	--	**279000**	--	**443000**	--	--	--	**585000**	--	**415000**	--	**616000**	--
OU2MW-02D	65 - 70	6650	--	--	8230	--	6740	--	--	--	8560	--	13400	--	6540	--
OU2MW-03S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-03D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-04S	20 - 25	13400	--	--	13300	--	18200	--	--	--	--	--	--	--	--	--
OU2MW-04I	35 - 40	36700	--	--	33200	--	49500	--	--	--	76000	--	39900	--	--	43700
OU2MW-04I2	50 - 55	89400 D	--	--	81600	--	65200	--	--	--	80600	--	92000	--	--	53900
OU2MW-04D	65 - 70	5570	--	--	7430	--	6160	--	--	--	7290	--	6650	--	--	5960
OU2MW-05	25 - 35		--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-06	15 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Well ID	Screen Interval (feet bgs)	2015							2016							
		Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
OU2MW-07S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-07	15 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08S	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-08I	35 - 40	--	0	--	--	--	--	12700	--	--	--	--	--	--	--	--
OU2MW-08I2	50 - 55	119000 D	111000	--	--	--	--	72900	--	107000	--	--	97300	--	--	66200
OU2MW-08D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-09	30 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10S	3 - 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-10D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-11D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-12S	3 - 7	--	15500	--	--	19300	--	--	--	--	12000	--	11700	--	24800	--
OU2MW-12I	20 - 25	--	20100	--	--	44500	--	--	--	--	45900	--	35400	--	30800	--
OU2MW-12I2	30 - 35	--	35000	--	--	23100	--	--	--	--	49300	--	47300	--	16300	--
OU2MW-12D	40 - 45	--	11300	--	--	12700	--	--	--	--	81900	--	42300	--	8830	--
OU2MW-13S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-13D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-14S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-15D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16I2	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-16D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17S	5 - 10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-18D	60 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	65 - 70	--	42800	--	--	40900	--	--	--	--	76800	--	64200	--	80600	--
OU2MW-20S	4 - 9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-20D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-22I2	46 - 51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-22D	67 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-23D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-24I2	45 - 50	--	--	--	--	--	--	--	--	--	23800	--	17800	--	--	--
OU2MW-24D	62 - 67	--	175000	--	--	36200	--	--	--	--	45000	--	35900	--	--	37700
OU2MW-25S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-25D	70 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26S	6 - 11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I	13 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-26D	60 - 70	--	--	35600	--	--	36500	--	--	--	44000	--	--	--	--	48700
OU2MW-27S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-27D	65 - 70	44100	--	42300	--	--	29100	--	--	--	32900	--	--	--	--	14400
OU2MW-28S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28I	28 - 33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-28I2	40 - 45	--	--	18200	--	--	--	25500	--	--	--	--	--	--	--	--
OU2MW-29I	18 - 23	--	--	41600	--	--	--	16500	--	--	--	--	--	--	--	--
OU2MW-29I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-29D	45 - 50	--	--	39800	--	--	--	49400	--	42700	--	--	43300	--	--	45200
OU2MW-30S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	45 - 50	--	27000	--	--	--	--	18500	--	13900	--	--	17700	--	32000	--
OU2MW-30D	50 - 55	--	31400	--	--	--	--	32300	--	**480000**	--	--	35000	--	42300	--
OU2MW-30D2	60 - 65	--	**578000**	--	--	--	--	**389000**	--	37600	--	--	**366000**	--	**345000**	--
OU2MW-31I	18 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-31I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-32D	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-35D	57 - 62	--	77700	--	--	--	46200	--	--	--	87400	--	76500	--	--	66300
OU2MW-36S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-36D	61 - 66	37400	38200	--	--	--	37300	--	--	--	46200	--	41200	--	--	46000
OU2MW-37S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-37I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-37D	67 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38I2	46 - 51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-38D	56 - 61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	70 - 75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-40I	18 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-41I	18 - 23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-42I2	45 - 50	--	--	--	--	--	--	--	--	25100	--	--	26000	--	--	31300
OU2MW-42D	60 - 65	--	250000	--	--	--	**255000**	--	--	**346000**	--	--	35800	--	--	241000
OU2MW-43S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-43D	65 - 70	--	--	146000	--	--	125000	--	--	--	219000	--	121000	--	--	149000
OU2MW-44S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44I2	45 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-44D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-45D	55 - 60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-46I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	60 - 65	--	11900	--	--	7990	--	--	8650	--	--	--	49600	--	49800	--
OU2MW-52S	3 - 8	--	--	16100	--	12900	--	--	--	--	6260	--	0	--	--	--
OU2MW-52I	20 - 25	--	--	45900	--	37200	--	--	--	--	52100	--	49200	--	--	--
OU2MW-52D	35 - 40	--	--	28800	--	23300	--	--	--	--	46100	--	19800	--	--	--
OU2MW-53S	3 - 8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-53D	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54I2	40 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-54D	60 - 65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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OU2MW-55I	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	50 - 55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	65 - 70	--	--	37600	--	--	28700	--	--	--	38100	--	30800	--	--	--
OU2MW-56S	5 - 15	16900	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I	25 - 30	24000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56I2	45 - 50	21100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU2MW-56D	65 - 70	21000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Operable Unit No. 3 (OU-3)																
MW-64	19 - 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-08I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35 - 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Operable Unit No.4 (OU-4)																
WCMW-01S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01I	35 - 45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-01D	64 - 74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02I	34.5 - 44.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-02D	62 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03S	4.83 - 9.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I	19.4 - 24.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-03I2	28.55 - 33.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04S	1.6 - 11.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04I	19 - 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-04I2	29.85 - 34.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-05S	1.15 - 11.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-05I	19.61 - 24.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-05I2	29.46 - 34.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I	19.55 - 24.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-06I2	29.83 - 34.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15 - 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-10D	40 - 50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11S	5 - 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-11D	50 - 60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13S	3 - 13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13I	25 - 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-13D	65 - 70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix I. Summary of Sulfate Concentrations (µg/L)
Annual Groundwater Monitoring and Operations, Maintenance & Monitoring Report
National Grid Bay Shore/Brightwaters Former MGP Site

Well ID	Screen Interval (feet bgs)	2015							2016							
		Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16
WCMW-14I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-14D	67 - 72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-16I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2 - 7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2 - 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-19I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-25D	55 - 60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20 - 25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WCMW-30I2	30 - 35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Well ID	Screen Interval (feet bgs)	2016				2017					
		Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Operable Unit No. 1 (OU-1)											
BBMW-04D	63 - 73	--	--	--	--	--	--	--	--	--	--
BBMW-05D	64 - 74	--	--	--	--	--	--	--	--	--	--
BBMW-06S	5 - 15	--	--	--	--	--	--	--	--	--	--
BBMW-06I	30 - 40	--	--	--	--	--	--	--	--	--	--
BBMW-06D	66 - 76	--	--	--	--	--	--	--	--	--	--
BBMW-08D	65 - 75	--	--	--	--	--	--	--	--	--	--
BBMW-17S	5.5 - 15.5	--	--	--	--	--	--	--	--	--	--
BBMW-17I	30.5 - 40.5	--	--	--	--	--	--	--	--	--	--
BBMW-18S	6 - 16	--	--	--	--	--	--	--	--	--	--
BBMW-18I	30 - 40	--	--	--	--	--	--	--	--	--	--
BBMW-18D	60 - 70	--	--	--	--	--	--	--	--	--	--
BBMW-19S	6 - 16	--	--	--	--	--	--	--	--	--	--
BBMW-19I	29.6 - 39.6	--	--	--	--	--	--	--	--	--	--
BBMW-19D	64.75 - 74.75	--	--	--	--	--	--	--	--	--	--
BBMW-20S	4 - 14	--	--	--	--	--	--	--	--	--	--
BBMW-20I	35 - 45	--	--	--	--	--	--	--	--	--	--
BBMW-20D	62 - 72	--	--	--	--	--	--	--	--	--	--
BBMW-22S	5 - 10	--	--	--	--	--	--	--	--	--	--
BBMW-22I	30 - 40	--	--	--	--	--	--	--	--	--	--
BBMW-22D	64 - 74	--	--	--	--	--	--	--	--	--	--
BBMW-34S	5 - 15	--	--	--	--	--	--	--	--	--	--
BBMW-34I	25 - 30	--	--	--	--	--	--	--	--	--	--
BBMW-34I2	40 - 45	--	--	--	--	--	--	--	--	--	--
BBMW-34D	65 - 70	--	--	--	--	--	--	--	--	--	--
BBMW-38S	5 - 15	--	--	--	--	--	--	--	--	--	--
BBMW-38I	25 - 30	--	--	--	--	--	--	--	--	--	--
BBMW-38I2	40 - 45	--	--	--	--	--	--	--	--	--	--
BBMW-38D	65 - 70	--	--	--	--	--	--	--	--	--	--
BBMW-39S	5 - 15	--	--	--	--	--	--	--	--	--	--
BBMW-39I	25 - 30	--	--	--	--	--	--	--	--	--	--
BBMW-39I2	45 - 50	--	--	--	--	--	--	--	--	--	--
BBMW-39D	65 - 70	--	--	--	--	--	--	--	--	--	--
BBMW-41S	6 - 16	--	--	--	--	--	--	--	--	--	--
BBMW-41I	25 - 30	--	--	--	--	--	--	--	--	--	--
BBMW-41I2	45 - 50	--	--	--	--	--	--	--	--	--	--
BBMW-41D	65 - 70	--	--	--	--	--	--	--	--	--	--
MW-05S	4 - 14	--	--	--	--	--	--	--	--	--	--
MW-05D	35.5 - 45.5	--	--	--	--	--	--	--	--	--	--
MW-08S	2 - 12	--	--	--	--	--	--	--	--	--	--
MW-08D	35 - 45	--	--	--	--	--	--	--	--	--	--
MW-09S	4 - 14	--	--	--	--	--	--	--	--	--	--
MW-09I	30 - 40	--	--	--	--	--	--	--	--	--	--
MW-09I2	45 - 50	--	--	--	--	--	--	--	--	--	--
MW-09D	65 - 70	--	--	--	--	--	--	--	--	--	--
OU2MW-48S	3 - 13	--	--	--	--	--	--	--	--	--	--

Well ID	Screen Interval (feet bgs)	2016				2017					
		Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
OU2MW-48I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-48I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-48D	65 - 70	--	--	--	--	--	--	--	--	--	--
OU2MW-49S	3 - 13	--	--	--	--	--	--	--	--	--	--
OU2MW-49I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-49I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-49D	63 - 68	--	--	--	--	--	--	--	--	--	--
OZMW-16S	5 - 15	--	--	--	--	--	--	--	--	--	--
OZMW-16I	20 - 30	--	--	--	--	--	--	--	--	--	--
OZMW-16I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OZMW-16D	55 - 65	--	--	--	--	--	--	--	--	--	--
OZMW-17S	5 - 15	--	--	--	--	--	--	--	--	--	--
OZMW-17I	20 - 30	--	--	--	--	--	--	--	--	--	--
OZMW-17I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OZMW-17D	53 - 63	--	--	45000	--	--	45700	--	--	43200	--
OZMW-18S	5 - 15	--	--	--	--	--	--	--	--	--	--
OZMW-18I	20 - 30	--	--	--	--	--	--	--	--	--	--
OZMW-18I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OZMW-18D	55 - 65	--	--	16200	--	--	79000	--	--	75200	--
OZMW-19S	5 - 15	--	--	--	--	--	--	--	--	--	--
OZMW-19I	20 - 30	--	--	--	--	--	--	--	--	--	--
OZMW-19I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OZMW-19D	55 - 65	--	--	--	--	--	--	--	--	--	--
OZMW-21S	5 - 15	--	--	--	--	--	--	--	--	--	--
OZMW-21I	20 - 30	--	--	--	--	--	--	--	--	--	--
OZMW-21I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OZMW-21D	55 - 65	--	--	--	--	--	--	--	--	--	--
OZMW-22S	5 - 15	--	--	--	--	--	--	--	--	--	--
OZMW-22SR	5 - 15	--	--	--	--	--	--	--	--	--	--
OZMW-22I	20 - 30	--	--	--	--	--	--	--	--	--	--
OZMW-22IR	20 - 30	--	--	--	--	--	--	--	--	--	--
OZMW-22I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OZMW-22D	55 - 65	--	--	--	--	--	--	--	--	--	--
OZMW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--
OZMW-23I	20 - 30	--	--	--	--	--	--	--	--	--	--
OZMW-23I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OZMW-23D	55 - 65	--	--	--	--	--	--	--	--	--	--
OZMW-24S	5 - 15	--	--	--	--	--	--	--	--	--	--
OZMW-24I	20 - 30	--	--	--	--	--	--	--	--	--	--
OZMW-24I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OZMW-24D	55 - 65	**--**	**--**	**--**	**--**	**291000**	**--**	**--**	211000	**--**	**--**
OZMW-25S	5 - 15	--	--	--	--	--	--	--	--	--	--
OZMW-25I	20 - 30	--	--	--	--	--	--	--	--	--	--
OZMW-25I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OZMW-25D	55 - 65	--	--	--	--	--	--	--	--	--	--
OZMW-26S	5 - 15	--	--	--	--	--	--	--	--	--	--
OZMW-26I	20 - 30	--	--	--	--	--	--	--	--	--	--
OZMW-26I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OZMW-26D	55 - 65	--	--	--	--	--	--	--	--	--	--

Well ID	Screen Interval (feet bgs)	2016				2017					
		Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Operable Unit No. 2 (OU-2)											
BBMW-01S	5 - 15	--	--	--	--	--	--	--	--	--	--
BBMW-01I	32 - 42	--	--	--	--	--	--	--	--	--	--
BBMW-01D	68.5 - 78.5	--	--	--	41200	--	39500	--	--	--	--
BBMW-02S	5 - 15	--	--	--	--	--	--	--	--	--	--
BBMW-02I	30 - 40	--	--	--	--	--	--	--	--	--	--
BBMW-02D	73 - 83	--	--	--	--	--	--	--	--	--	--
BBMW-03S	3 - 13	--	--	--	--	--	--	--	--	--	--
BBMW-03I	30 - 40	--	--	--	--	--	--	--	--	--	--
BBMW-03D	52 - 62	--	--	--	--	--	--	--	--	--	--
BBMW-07D	55 - 65	--	--	--	--	--	--	--	--	--	--
BBMW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--
BBMW-23I	33 - 43	--	--	--	--	--	--	--	--	--	--
BBMW-23D	49.5 - 59.5	--	--	--	--	--	--	--	--	--	--
BBMW-24S	4 - 14	--	--	--	--	--	--	--	--	--	--
BBMW-24I	32 - 42	--	--	--	--	--	--	--	--	--	--
BBMW-24D	59.5 - 69.5	--	--	116000	--	--	121000	--	--	138000	--
BBMW-25S	4 - 14	--	--	--	--	--	--	--	--	--	--
BBMW-25I	25 - 35	--	--	--	--	--	--	--	--	--	--
BBMW-25D	62 - 72	--	--	91000	--	--	41300	--	--	20500	--
GM-05S	5.1 - 20.1	--	--	--	--	--	--	--	--	--	--
GM-05I	35.05 - 48.05	--	--	--	--	--	--	--	--	--	--
GM-05D	60.95 - 75.95	--	--	--	--	--	--	--	--	--	--
GMP-01	25 - 30	--	--	--	--	--	--	--	--	--	--
GMP-04	15.5 - 20.5	--	--	--	--	--	--	--	--	--	--
MW-04S	4 - 14	--	--	--	--	--	--	--	--	--	--
MW-04D	35 - 45	--	--	--	--	--	--	--	--	--	--
OU2IW-01S	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-01WT	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-01S	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-01I	35 - 40	--	--	8400	--	--	8100	--	--	--	--
OU2MW-01I2	50 - 55	199000	--	201000	--	--	223000	--	--	190000	--
OU2MW-01D	65 - 70	6480	--	8500	--	--	13900	--	--	--	--
OU2MW-02S	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-02I	35 - 40	--	--	--	25600	20700	--	--	--	23300	--
OU2MW-02I2	50 - 55	--	--	--	**429000**	**456000**	--	--	--	**441000**	--
OU2MW-02D	65 - 70	--	--	--	8100	26900	--	--	--	7500	--
OU2MW-03S	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-03I	35 - 40	--	--	--	--	--	--	--	--	--	--
OU2MW-03I2	50 - 55	--	--	--	--	--	--	--	--	--	--
OU2MW-03D	65 - 70	--	--	--	--	--	--	--	--	--	--
OU2MW-04WT	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-04S	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-04I	35 - 40	--	--	--	20600	--	--	12100	--	45200	--
OU2MW-04I2	50 - 55	--	--	--	62300	--	--	82900	--	--	--
OU2MW-04D	65 - 70	--	--	--	5600	--	--	6500	--	--	--
OU2MW-05	25 - 35	--	--	--	--	--	--	--	--	--	--
OU2MW-06S	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-06	15 - 25	--	--	--	--	--	--	--	--	--	--

Well ID	Screen Interval (feet bgs)	2016				2017					
		Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
OU2MW-07S	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-07	15 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-08WT	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-08S	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-08I	35 - 40	--	--	--	--	--	--	--	--	--	--
OU2MW-08I2	50 - 55	--	--	--	47500	--	--	--	--	--	--
OU2MW-08D	65 - 70	--	--	--	--	--	--	--	--	--	--
OU2MW-09	30 - 40	--	--	--	--	--	--	--	--	--	--
OU2MW-10S	3 - 7	--	--	--	--	--	--	--	--	--	--
OU2MW-10I	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-10D	35 - 40	--	--	--	--	--	--	--	--	--	--
OU2MW-11S	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-11I	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-11I2	30 - 35	--	--	--	--	--	--	--	--	--	--
OU2MW-11D	40 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-12S	3 - 7	--	--	--	20300	16400	--	--	--	18700	--
OU2MW-12I	20 - 25	--	--	--	20600	17200	--	--	--	9200	--
OU2MW-12I2	30 - 35	--	--	--	33500	31300	--	--	--	29300	--
OU2MW-12D	40 - 45	--	--	--	93700	53700	--	--	--	51600	--
OU2MW-13S	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-13I	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-13D	35 - 40	--	--	--	--	--	--	--	--	--	--
OU2MW-14S	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-15S	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-15I	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-15I2	30 - 35	--	--	--	--	--	--	--	--	--	--
OU2MW-15D	40 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-16S	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-16I	15 - 20	--	--	--	--	--	--	--	--	--	--
OU2MW-16I2	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-16D	35 - 40	--	--	--	--	--	--	--	--	--	--
OU2MW-17S	5 - 10	--	--	--	--	--	--	--	--	--	--
OU2MW-17I	13 - 23	--	--	--	--	--	--	--	--	--	--
OU2MW-17I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-17D	60 - 75	--	--	--	--	--	--	--	--	--	--
OU2MW-18I	13 - 23	--	--	--	--	--	--	--	--	--	--
OU2MW-18I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-18D	60 - 70	--	--	--	--	--	--	--	--	--	--
OU2MW-19I	13 - 23	--	--	--	--	--	--	--	--	--	--
OU2MW-19I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-19D	65 - 70	--	--	--	65500	64000	--	--	--	50700	--
OU2MW-20S	4 - 9	--	--	--	--	--	--	--	--	--	--
OU2MW-20I	13 - 23	--	--	--	--	--	--	--	--	--	--
OU2MW-20I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-20D	65 - 70	--	--	--	--	--	--	--	--	--	--
OU2MW-21I	13 - 23	--	--	--	--	--	--	--	--	--	--
OU2MW-21I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-22S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-22I	25 - 30	--	--	--	--	--	--	--	--	--	--

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Well ID	Screen Interval (feet bgs)	2016				2017					
		Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
OU2MW-22I2	46 - 51	--	--	--	--	--	--	--	--	--	--
OU2MW-22D	67 - 72	--	--	--	--	--	--	--	--	--	--
OU2MW-23S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-23I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-23I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-23D	65 - 70	--	--	--	--	--	--	--	--	--	--
OU2MW-24S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-24I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-24I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-24D	62 - 67	--	--	--	--	--	--	--	--	--	--
OU2MW-25S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-25I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-25I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-25D	70 - 75	--	--	--	--	--	--	--	--	--	--
OU2MW-26S	6 - 11	--	--	--	--	--	--	--	--	--	--
OU2MW-26I	13 - 23	--	--	--	--	--	--	--	--	--	--
OU2MW-26I2	35 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-26D	60 - 70	--	--	--	--	--	--	--	--	--	--
OU2MW-27S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-27I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-27I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-27D	65 - 70	--	--	--	--	--	--	--	--	--	--
OU2MW-28S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-28I	28 - 33	--	--	--	--	--	--	--	--	--	--
OU2MW-28I2	40 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-29I	18 - 23	--	--	--	--	--	--	--	--	--	--
OU2MW-29I2	30 - 35	--	--	--	--	--	--	--	--	--	--
OU2MW-29D	45 - 50	--	--	--	56500	--	--	--	--	--	--
OU2MW-30S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-30I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-30I2	30 - 35	--	--	--	--	--	--	--	--	--	--
OU2MW-30I3	45 - 50	--	--	25000	--	--	22500	--	21800	--	--
OU2MW-30D	50 - 55	--	--	49000	--	--	45100	--	37700	--	--
OU2MW-30D2	60 - 65	--	--	**294000**	--	--	**255000**	--	186000	--	--
OU2MW-31I	18 - 23	--	--	--	--	--	--	--	--	--	--
OU2MW-31I2	30 - 35	--	--	--	--	--	--	--	--	--	--
OU2MW-32S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-32I	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-32I2	30 - 35	--	--	--	--	--	--	--	--	--	--
OU2MW-32D	40 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-35S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-35I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-35I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-35D	57 - 62	--	--	--	79500	--	--	--	--	--	--
OU2MW-36S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-36I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-36I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-36D	61 - 66	--	--	--	49700	--	--	--	--	--	--
OU2MW-37S	5 - 15	--	--	--	--	--	--	--	--	--	--

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OU2MW-37I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-37I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-37D	67 - 72	--	--	--	--	--	--	--	--	--	--
OU2MW-38S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-38I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-38I2	46 - 51	--	--	--	--	--	--	--	--	--	--
OU2MW-38D	56 - 61	--	--	--	--	--	--	--	--	--	--
OU2MW-39S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-39I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-39I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-39D	70 - 75	--	--	--	--	--	--	--	--	--	--
OU2MW-40S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-40I	18 - 23	--	--	--	--	--	--	--	--	--	--
OU2MW-41S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-41I	18 - 23	--	--	--	--	--	--	--	--	--	--
OU2MW-42S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-42I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-42I2	45 - 50	--	--	28600	--	--	35600	--	--	--	19400
OU2MW-42D	60 - 65	--	--	223000	--	--	197000	--	--	--	154000
OU2MW-43S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-43I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-43I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-43D	65 - 70	--	--	--	134000	125000	--	--	--	--	133000
OU2MW-44S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-44I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-44I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-44D	65 - 70	--	--	--	--	--	--	--	--	--	--
OU2MW-45S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-45I	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-45I2	40 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-45D	55 - 60	--	--	--	--	--	--	--	--	--	--
OU2MW-46S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-46I	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-46I2	40 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-47S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-47I	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-47I2	40 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-47D	60 - 65	--	--	34700	--	--	16000	--	33200	--	--
OU2MW-52S	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-52I	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-52D	35 - 40	--	--	--	--	--	--	--	--	--	--
OU2MW-53S	3 - 8	--	--	--	--	--	--	--	--	--	--
OU2MW-53I	20 - 25	--	--	--	--	--	--	--	--	--	--
OU2MW-53D	35 - 40	--	--	--	--	--	--	--	--	--	--
OU2MW-54S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-54I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-54I2	40 - 45	--	--	--	--	--	--	--	--	--	--
OU2MW-54D	60 - 65	--	--	--	--	--	--	--	--	--	--
OU2MW-55S	5 - 15	--	--	--	--	--	--	--	--	--	--

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		Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
OU2MW-55I	30 - 35	--	--	--	--	--	--	--	--	--	--
OU2MW-55I2	50 - 55	--	--	--	--	--	--	--	--	--	--
OU2MW-55D	65 - 70	--	--	--	--	--	--	--	--	--	--
OU2MW-56S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU2MW-56I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU2MW-56I2	45 - 50	--	--	--	--	--	--	--	--	--	--
OU2MW-56D	65 - 70	--	--	--	--	--	--	--	--	--	--
Operable Unit No. 3 (OU-3)											
MW-64	19 - 24	--	--	--	--	--	--	--	--	--	--
MWBS-02S	5 - 15	--	--	--	--	--	--	--	--	--	--
OU3MW-01S	3 - 13	--	--	--	--	--	--	--	--	--	--
OU3MW-02S	3 - 13	--	--	--	--	--	--	--	--	--	--
OU3MW-02I	15 - 20	--	--	--	--	--	--	--	--	--	--
OU3MW-07S	3 - 13	--	--	--	--	--	--	--	--	--	--
OU3MW-07I	15 - 20	--	--	--	--	--	--	--	--	--	--
OU3MW-07I2	20 - 25	--	--	--	--	--	--	--	--	--	--
OU3MW-08S	2 - 12	--	--	--	--	--	--	--	--	--	--
OU3MW-08I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU3MW-09S	2 - 12	--	--	--	--	--	--	--	--	--	--
OU3MW-09I	25 - 30	--	--	--	--	--	--	--	--	--	--
OU3MW-09I2	35 - 40	--	--	--	--	--	--	--	--	--	--
Operable Unit No.4 (OU-4)											
WCMW-01S	2 - 12	--	--	--	--	--	--	--	--	--	--
WCMW-01I	35 - 45	--	--	--	--	--	--	--	--	--	--
WCMW-01D	64 - 74	--	--	--	--	--	--	--	--	--	--
WCMW-02S	3 - 13	--	--	--	--	--	--	--	--	--	--
WCMW-02I	34.5 - 44.5	--	--	--	--	--	--	--	--	--	--
WCMW-02D	62 - 72	--	--	--	--	--	--	--	--	--	--
WCMW-03S	4.83 - 9.83	--	--	--	--	--	--	--	--	--	--
WCMW-03I	19.4 - 24.4	--	--	--	--	--	--	--	--	--	--
WCMW-03I2	28.55 - 33.55	--	--	--	--	--	--	--	--	--	--
WCMW-04S	1.6 - 11.6	--	--	--	--	--	--	--	--	--	--
WCMW-04I	19 - 24	--	--	--	--	--	--	--	--	--	--
WCMW-04I2	29.85 - 34.85	--	--	--	--	--	--	--	--	--	--
WCMW-05S	1.15 - 11.15	--	--	--	--	--	--	--	--	--	--
WCMW-05I	19.61 - 24.61	--	--	--	--	--	--	--	--	--	--
WCMW-05I2	29.46 - 34.46	--	--	--	--	--	--	--	--	--	--
WCMW-06S	2 - 12	--	--	--	--	--	--	--	--	--	--
WCMW-06I	19.55 - 24.55	--	--	--	--	--	--	--	--	--	--
WCMW-06I2	29.83 - 34.83	--	--	--	--	--	--	--	--	--	--
WCMW-10S	15 - 20	--	--	--	--	--	--	--	--	--	--
WCMW-10D	40 - 50	--	--	--	--	--	--	--	--	--	--
WCMW-11S	5 - 15	--	--	--	--	--	--	--	--	--	--
WCMW-11I	25 - 30	--	--	--	--	--	--	--	--	--	--
WCMW-11D	50 - 60	--	--	--	--	--	--	--	--	--	--
WCMW-13S	3 - 13	--	--	--	--	--	--	--	--	--	--
WCMW-13I	25 - 30	--	--	--	--	--	--	--	--	--	--
WCMW-13D	65 - 70	--	--	--	--	--	--	--	--	--	--
WCMW-14S	2 - 12	--	--	--	--	--	--	--	--	--	--

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		Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
WCMW-14I	20 - 25	--	--	--	--	--	--	--	--	--	--
WCMW-14I2	30 - 35	--	--	--	--	--	--	--	--	--	--
WCMW-14D	67 - 72	--	--	--	--	--	--	--	--	--	--
WCMW-16S	2 - 12	--	--	--	--	--	--	--	--	--	--
WCMW-16I	20 - 25	--	--	--	--	--	--	--	--	--	--
WCMW-16I2	30 - 35	--	--	--	--	--	--	--	--	--	--
WCMW-17S	2 - 12	--	--	--	--	--	--	--	--	--	--
WCMW-17I	20 - 25	--	--	--	--	--	--	--	--	--	--
WCMW-17I2	30 - 35	--	--	--	--	--	--	--	--	--	--
WCMW-18WT	2 - 7	--	--	--	--	--	--	--	--	--	--
WCMW-18S	2 - 12	--	--	--	--	--	--	--	--	--	--
WCMW-18I	20 - 25	--	--	--	--	--	--	--	--	--	--
WCMW-18I2	30 - 35	--	--	--	--	--	--	--	--	--	--
WCMW-19S	2 - 12	--	--	--	--	--	--	--	--	--	--
WCMW-19I	20 - 25	--	--	--	--	--	--	--	--	--	--
WCMW-19I2	30 - 35	--	--	--	--	--	--	--	--	--	--
WCMW-25I	30 - 35	--	--	--	--	--	--	--	--	--	--
WCMW-25D	55 - 60	--	--	--	--	--	--	--	--	--	--
WCMW-30I	20 - 25	--	--	--	--	--	--	--	--	--	--
WCMW-30I2	30 - 35	--	--	--	--	--	--	--	--	--	--

Notes:

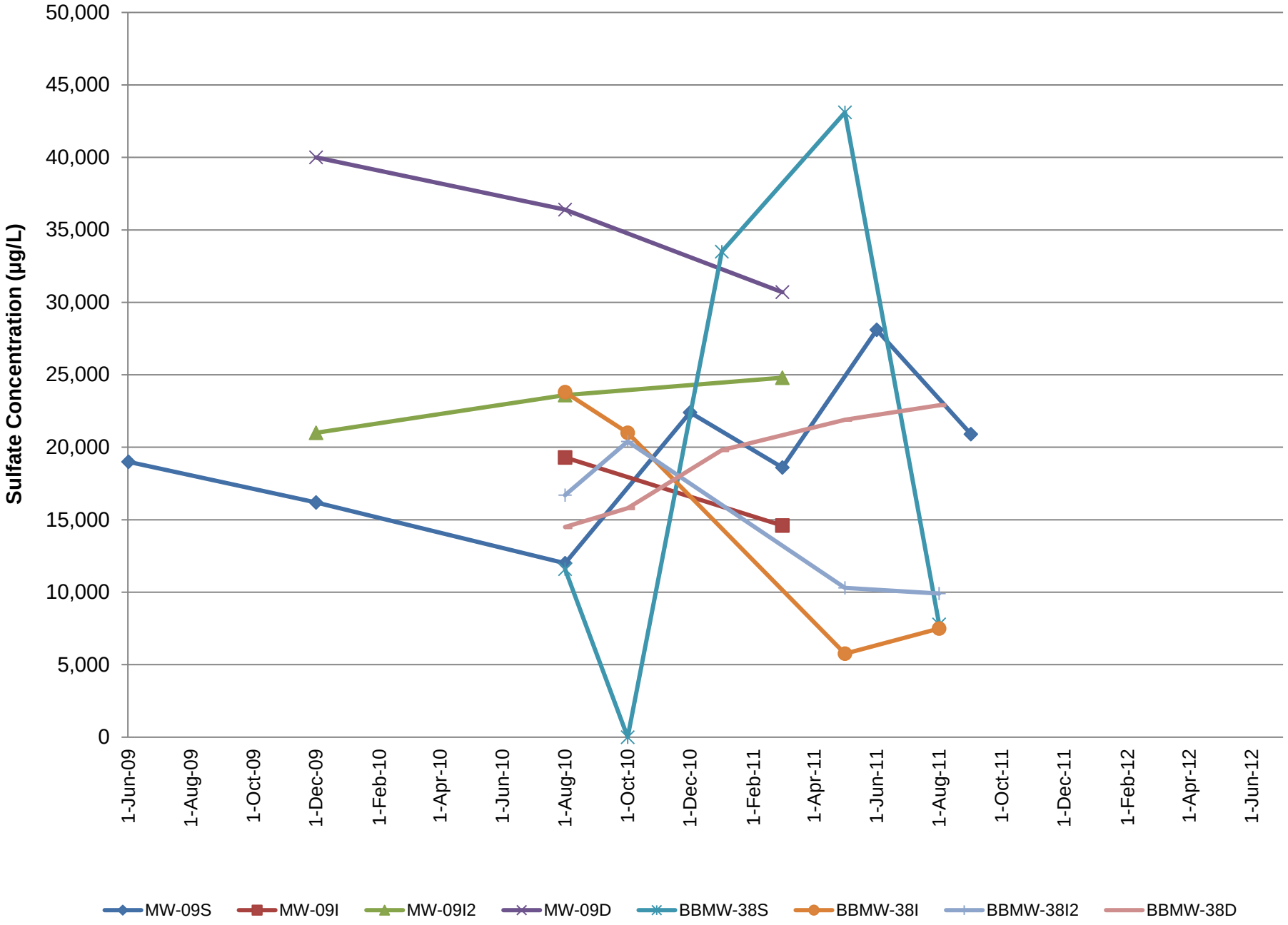
Values shown in micrograms per liter (µg/L) or parts per billion (ppb)

NYS AWQS - New York State Ambient Water Quality Standards and Guidance Values for GA groundwater

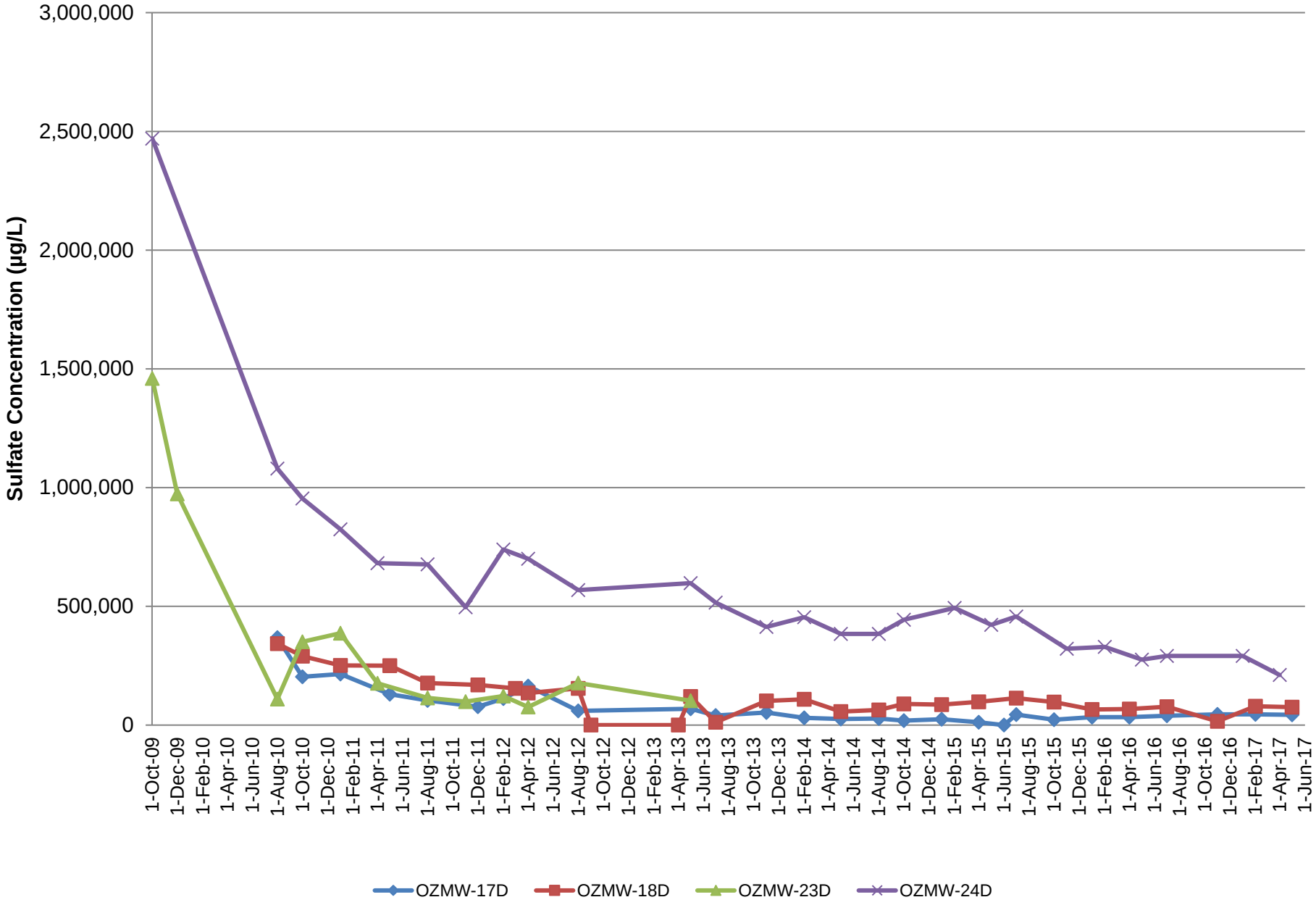
Shading and bolding indicates that the detected result value exceeds the New York State Ambient Water Quality Standards and Guidance Values for GA groundwater for sulfate (250,000 µg/L)

-- not analyzed

Appendix I - Graph I-1 - Background Sulfate Concentrations
OU-1 Wells Upgradient of In-Situ Remedial Action



Appendix I - Graph I-2 - Sulfate Concentrations
OU-1 Wells Above AWQS Criteria (250,000 µg/L)



Appendix I - Graph I-3 - Sulfate Concentrations
OU-2 Wells Above AWQS Criteria (250,000 µg/L)