DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION

Interim Final 2/5/99

RCRA Corrective Action
Environmental Indicator (EI) RCRIS code (CA750)
Migration of Contaminated Groundwater Under Control

Facility Name: **Dominion Energy Brayton Point, LLC**
Facility Address: **1 Brayton Point Road, Somerset, Massachusetts 02725**
Facility EPA ID #: **MAD055179634**

1. Has **all** available relevant/significant information on known and reasonably suspected releases to the groundwater media, subject to RCRA Corrective Action (e.g., from Solid Waste Management Units (SWMU), Regulated Units (RU), and Areas of Concern (AOC)), been **considered** in this EI determination?

   __X__ If yes - check here and continue with #2 below.
   _____ If no - re-evaluate existing data, or
   _____ if data are not available, skip to #8 and enter"IN" (more information needed) status code.

BACKGROUND

Definition of Environmental Indicators (for the RCRA Corrective Action)

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

Definition of "Migration of Contaminated Groundwater Under Control" EI

A positive "Migration of Contaminated Groundwater Under Control" EI determination ("YE" status code) indicates that the migration of "contaminated" groundwater has stabilized, and that monitoring will be conducted to confirm that contaminated groundwater remains within the original "area of contaminated groundwater" (for all groundwater "contamination" subject to RCRA corrective action at or from the identified facility (i.e., site-wide)).

Relationship of EI to Final Remedies

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are nearterm objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993, GPRA). The "Migration of Contaminated Groundwater Under Control" EI pertains ONLY to the physical migration (i.e., further spread) of contaminated ground water and contaminants within groundwater (e.g., non-aqueous phase liquids or NAPLs). Achieving this EI does not substitute for achieving other stabilization or final remedy requirements and expectations associated with sources of contamination and the need to restore, wherever practicable, contaminated groundwater to be suitable for its designated current and future uses.

Duration / Applicability of EI Determinations

EI Determinations status codes should remain in RCRIS national database ONLY as long as they remain true (i.e., RCRIS status codes must be changed when the regulatory authorities become aware of contrary information).

RDMS DocID 109552

2. Is **groundwater** known or reasonably suspected to be **"contaminated"**[1] above appropriately protective "levels" (i.e., applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action, anywhere at, or from, the facility?

   __X__ If yes - continue after identifying key contaminants, citing appropriate "levels," and referencing supporting documentation.

   _____ If no - skip to #8 and enter "YE" status code, after citing appropriate "levels," and referencing supporting documentation to demonstrate that groundwater is not "contaminated."

   _____ If unknown - skip to #8 and enter "IN" status code.

Rationale and Reference(s):

In the Diesel Generator Area, groundwater impacts have been steadily diminishing as a result of source control and LNAPL removal activities as described in the Class C-RAO Status Report, dated May 2011, included in Attachment A. In addition, Volatile Petroleum Hydrocarbons (VPH) and Extractable Petroleum Hydrocarbons (EPH) are not above applicable standards as shown in Table 2 from the May 2011 Class C-RAO Status Report. However, at the Diesel Generator Area, LNAPL is present at depths below 15 feet below grade in well MW-711. LNAPL is not present in any other wells at the Diesel Generator Area and, due to the tight bedrock fractures, the Licensed Site Professional (LSP) believes the oil is not migrating from this area. In addition, LNAPL is not present in other wells within the facility boundaries. Perimeter wells have delineated the extent of oil near the Diesel Generator Area and all other monitoring wells have groundwater concentrations below applicable GW-2 and GW-3 standards.

[Reference: No. 2 Oil Release Site (RTN 4-18750) Phase IV Remedy Implementation Plan, dated April 2008 and Class C-RAO Status Report, dated May 2011.]

[1] "Contamination" nd "contaminated" describes media containing contaminants (in any form, NAPL and/or dissolved, vapors, or solids, that are subject to RCRA) in concentrations in excess of appropriate "levels" (appropriate for the protection of the groundwater resource and its beneficial uses).

3. Has the **migration** of contaminated groundwater **stabilized** (such that contaminated groundwater is expected to remain within "existing area of contaminated groundwater"[2] as defined by the monitoring locations designated at the time of this determination)?

__**X**__ If yes - continue, after presenting or referencing the physical evidence (e.g., groundwater sampling/measurement/migration barrier data) and rationale why contaminated groundwater is expected to remain within the (horizontal or vertical) dimensions of the "existing area of groundwater contamination"[2]).

_____ If no (contaminated groundwater is observed or expected to migrate beyond the designated locations defining the "existing area of groundwater contamination"[2]) – skip to #8 and enter "NO" status code, after providing an explanation.

_____ If unknown - skip to #8 and enter "IN" status code.

Rationale and Reference(s):

In the Diesel Generator Area, the oil is present at depths below 15 feet below grade in well MW-711 which is installed to bedrock. LNAPL is not present in any other wells at the Diesel Generator Area and, due to the tight bedrock fractures, the Licensed Site Professional believes the oil is not migrating from this area. LNAPL is not present in other wells within this area or the facility boundaries. Perimeter wells have delineated the extent of oil near the Diesel Generator Area and all other monitoring wells have groundwater concentrations below applicable GW-2 and GW-3 standards. Extractable petroleum hydrocarbons (EPH), volatile petroleum hydrocarbons (VPH), and naphthalene are the constituents of concern at the area and are not above applicable standards.

The site investigations from 2004 through 2010 documented the geology and hydrogeology at the site. Numerous bedrock monitoring wells have been installed at the site, slug tests have been performed on several monitoring wells, groundwater dewatering has been done on large excavations, and product recovery has been attempted in the wells. All of the information generated from the on-site geologic and hydrogeologic investigations is consistent: there has been a small release of oil to the subsurface; the oil has been observed as a sheen in large 10 ft by 10 ft by 18 ft deep bedrock excavations; the bedrock excavations have been easily dewatered and yield little water; there was no measureable amounts of oil present in the excavations; the monitoring wells act as "sumps" and exaggerate true LNAPL thicknesses in the aquifer; and LNAPL has not been found in downgradient monitoring wells or in deep monitoring wells surrounding the release area.

[Reference: No. 2 Oil Release Site (RTN 4-18750) Phase IV Remedy Implementation Plan, dated April 2008 and Class C-RAO Status Report, dated May 2011.]

---

[2] "existing area of contaminated groundwater" is an area (with horizontal and vertical dimensions) that has been verifiably demonstrated to contain all relevant groundwater contamination for this determination, and is defined by designated (monitoring) locations proximate to the outer perimeter of "contamination" that can and will be sampled/tested in the future to physically verify that all "contaminated" groundwater remains within this area, and that the further migration of "contaminated" groundwater is not occurring. Reasonable allowances in the proximity of the monitoring locations are permissible to incorporate formal remedy decisions (i.e., including public participation) allowing a limited area for natural attenuation.

4. Does "contaminated" groundwater **discharge** into **surface water** bodies?

_____ If yes - continue after identifying potentially affected surface water bodies.

__**X**___ If no - skip to #7 (and enter a "YE" status code in #8, if #7 = yes) after providing an explanation and/or referencing documentation supporting that groundwater "contamination" does not enter surface water bodies.

_____ If unknown - skip to #8 and enter "IN" status code.

Rationale and Reference(s):

In the Diesel Generator Area, the oil is present at depths below 15 feet below grade in well MW-711. LNAPL is not present in any other wells at the Diesel Generator Area and due to the tight bedrock fractures, the Licensed Site Professional believes the oil is not migrating from this area. LNAPL is not present in other wells within this area or the facility boundaries. Perimeter wells have delineated the extent of oil near the Diesel Generator Area and all other monitoring wells have groundwater concentrations below GW-2 and GW-3 standards, which apply to the site. Extractable petroleum hydrocarbons (EPH), volatile petroleum hydrocarbons (VPH), and naphthalene are the constituents of concern at the area and are not above applicable standards.

The closest surface water bodies are the Taunton River and Mount Hope Bay located approximately 400 feet and 800 feet to the east and south, respectively. However, the constituents of concern detected above the applicable MCP Method 1 cleanup standards are only identified in Site soils and are not likely to migrate to surface water through groundwater. Therefore, potential impacts to surface water quality are not considered a concern at this Site. There are no seasonal brooks or other waterways on the site.

[Reference: No. 2 Oil Release Site (RTN 4-18750) Phase IV Remedy Implementation Plan, dated April 2008 and Class C-RAO Status Report, dated May 2011.]

5. Is the **discharge** of "contaminated" groundwater into surface water likely to be **"insignificant"** (i.e., the maximum concentration[3] of each contaminant discharging into surface water is less than 10 times their appropriate groundwater "level," and there are no other conditions (e.g., the nature, and number, of discharging contaminants, or environmental setting), which significantly increase the potential for unacceptable impacts to surface water, sediments, or eco-systems at these concentrations)?

_____ If yes - skip to #7 (and enter "YE" status code in #8 if #7 = yes), after documenting: 1) the maximum known or reasonably suspected concentration[3] of key contaminants discharged above their groundwater "level," the value of the appropriate "level(s)," and if there is evidence that the concentrations are increasing; and 2) provide a statement of professional judgment/explanation (or reference documentation) supporting that the discharge of groundwater contaminants into the surface water is not anticipated to have unacceptable impacts to the receiving surface water, sediments, or eco-system.

_____ If no - (the discharge of "contaminated" groundwater into surface water is potentially significant) - continue after documenting: 1) the maximum known or reasonably suspected concentration[3] of each contaminant discharged above its groundwater "level," the value of the appropriate "level(s)," and if there is evidence that the concentrations are increasing; and 2) for any contaminants discharging into surface water in concentrations[3] greater than 100 times their appropriate groundwater "levels," the estimated total amount (mass in kg/yr) of each of these contaminants that are being discharged (loaded) into the surface water body (at the time of the determination), and identify if there is evidence that the amount of discharging contaminants is increasing.

_____ If unknown - enter "IN" status code in #8.

Rationale and Reference(s):

[3] As measured in groundwater prior to entry to the groundwater-surface water/sediment interaction (e.g., hyporheic) zone.

6. Can the **discharge** of "contaminated" groundwater into surface water be shown to be "**currently acceptable**" (i.e., not cause impacts to surface water, sediments or eco-systems that should not be allowed to continue until a final remedy decision can be made and implemented[4])?

_____ If yes - continue after either: 1) identifying the Final Remedy decision incorporating these conditions, or other site-specific criteria (developed for the protection of the site's surface water, sediments, and eco-systems), and referencing supporting documentation demonstrating that these criteria are not exceeded by the discharging groundwater; OR 2) Providing or referencing an interim-assessment[5] appropriate to the potential for impact, that shows the discharge of groundwater contaminants into the surface water is (in the opinion of a trained specialists, including ecologist) adequately protective of receiving surface water, sediments, and eco-systems, until such time when a full assessment and final remedy decision can be made. Factors, which should be considered in the interim-assessment (where appropriate to help identify the impact associated with discharging groundwater) include: surface water body size, flow, use/classification/habitats and contaminant loading limits, other sources of surface water/sediment contamination, surface water and sediment sample results and comparisons to available and appropriate surface water and sediment "levels," as well as any other factors, such as effects on ecological receptors (e.g., via bio-assays/benthic surveys or site-specific ecological Risk Assessments), that the overseeing regulatory agency would deem appropriate for making the EI determination.

_____ If no - (the discharge of "contaminated" groundwater can not be shown to be "**currently acceptable**") - skip to #8 and enter "NO" status code, after documenting the currently unacceptable impacts to the surface water body, sediments, and/or eco-systems.

_____ If unknown - skip to 8 and enter "IN" status code.

Rationale and Reference(s):

[4] Note, because areas of inflowing groundwater can be critical habitats (e.g., nurseries or thermal refugia) for many species, appropriate specialist (e.g., ecologist) should be included in management decisions that could eliminate these areas by significantly altering or reversing groundwater flow pathways near surface water bodies.

[5] The understanding of the impacts of contaminated groundwater discharges into surface water bodies is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration to be reasonably certain that discharges are not causing currently unacceptable impacts to the surface waters, sediments or eco-systems.

7. Will groundwater **monitoring** / measurement data (and surface water/sediment/ecological data, as necessary) be collected in the future to verify that contaminated groundwater has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area of contaminated groundwater?"

   __X__ If yes - continue after providing or citing documentation for planned activities or future sampling/measurement events. Specifically identify the well/measurement locations, which will be tested in the future to verify the expectation (identified in #3) that groundwater contamination will not be migrating horizontally (or vertically, as necessary) beyond the "existing area of groundwater contamination."

   _____ If no - enter "NO" status code in #8.

   _____ If unknown - enter "IN" status code in #8.

Rationale and Reference(s):

Quarterly groundwater sampling and semi-annual surface water sampling is conducted within the Ash Management Area.

[Reference: MADEP approved the Corrective Action Alternative Analysis, dated July 3, 2008 (*see* Attachment C of the progress report)]

Dominion has continued to inspect the wells and collect water level and LNAPL thickness measurements on a routine basis. LNAPL has stabilized and levels have gone down over time. Down gradient wells do not contain any detectable LNAPL. Groundwater EPH and VPH concentrations are below applicable standards. It is anticipated that the area affected by the presence of LNAPL will be closed with a final remedy Release Action Outcome Statement (RAO) and Activity and Use limitation before November 2011.

[Reference: No. 2 Oil Release Site (RTN 4-18750) Phase IV Remedy Implementation Plan, dated April 2008 and Class C RAO Status Report, dated May 2011.]

8. Check the appropriate RCRIS status codes for the Migration of Contaminated Groundwater Under Control EI (event code CA750), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (attach appropriate supporting documentation as well as a map of the facility).

__X__ YE - Yes, "Migration of Contaminated Groundwater Under Control" has been verified. Based on a review of the information contained in this EI determination, it has been determined that the "Migration of Contaminated Groundwater" is "Under Control" at the Brayton Point Station facility, EPA ID # MAD055179634, located at 1 Brayton Point Road Somerset, MA. Specifically, this determination indicates that the migration of "contaminated" groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the "existing area of contaminated groundwater" This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

_____ NO - Unacceptable migration of contaminated groundwater is observed or expected.

_____ IN - More information is needed to make a determination.

Completed by Meredith M Simas Date 9/13/2011
Meredith M. Simas
Dominion, Supervisor Environmental Regulation

RCRA Facility Manager Marilyn St. Fleur Date 9/29/11
Marilyn St. Fleur
RCRA Facility Manager
U.S. EPA Region 1

Locations where References may be found:
U.S. EPA Region 1 - Office of Site Remediation and Restoration Records Center

Contact telephone and e-mail numbers:

OSSR RIC Service Desk
617-918-1440
Records-OSRR.R1@epa.gov

Reviewed and Approved
9/30/11
Chief, RCRA Corrective Action

Attachment A

Class C-RAO Status Report, dated May 2011

POST CLASS C-2 RESPONSE ACTION OUTCOME STATUS REPORT NO. 1

Brayton Point Station
One Brayton Point Road
Somerset, Massachusetts
RTN 4-18750

Prepared for:

Dominion Energy Brayton Point
Brayton Point Station
One Brayton Point Road
Somerset, Massachusetts 02726

Prepared by:

TRC Environmental Corporation
650 Suffolk Street
Lowell, MA 01854
(978) 970-5600

May 12, 2011

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 SITE BACKGROUND 2

3.0 SUMMARY OF RESPONSE ACTIONS UNDER RTN 4-18750 4

3.1 Response Actions Conducted to Date 4
3.2 On-going Response Actions 7
3.2.1 Groundwater Sampling 7
3.2.2 Water Level and LNAPL Thickness Measurements 7

4.0 OPERATION, MAINTENANCE AND MONITORING ACTIVITIES [310 CMR 40.0898(2)(a)] 8

4.1 Groundwater Elevation Measurements 8
4.2 Oil Thickness Measurements 8

5.0 POST-CLASS C-2 RAO SCHEDULE 9

6.0 LIMITATIONS 10

7.0 REFERENCES 11

FIGURES

Figure 1: Site Location Plan
Figure 2: Disposal Site Map
Figure 3: Groundwater Elevation Map, January 4, 2011

TABLES

Table 1: Water Level and Oil Thickness Measurements – 2002-2011
Table 2: Groundwater Analytical Results – 2005-2010

APPENDIXES

Appendix A: Laboratory Reports

1.0 INTRODUCTION

TRC Environmental Corporation prepared this Post-Class C-2 Response Action Outcome (RAO) Status Report on behalf of our client, Dominion Energy Brayton Point, LLC (Dominion), to document on-going Post-Class C-2 RAO remedial actions being conducted at the property located at One Brayton Point Road in Somerset, Massachusetts (the "Site"). The Massachusetts Department of Environmental Protection (MassDEP) assigned Release Tracking Number (RTN) 4-18750 to the Site on October 29, 2004 following notification of a 72- reporting condition under the Massachusetts Contingency Plan (MCP) resulting from the discovery of more than 0.5 inch of oil (referred to as light non-aqueous phase liquid, or "LNAPL") in two monitoring wells at the Station property (MW-701 and MW-627).

This report was prepared in accordance with the requirements of 310 CMR 40.0898(2) of the MCP. The Site location is shown on Figure 1. A Class C-2 RAO was submitted to the MassDEP on November 12, 2010. This Post Class C-2 RAO Status Report covers the period from November 12, 2010 through May 11, 2011. This document was submitted electronically to MassDEP on May 12, 2011.

The responsible party and Licensed Site Professional (LSP) are listed below.

Responsible Party:	Dominion Energy Brayton Point, LLC One Brayton Point Road Somerset, Massachusetts 02726 Contact: Kenneth Small (508) 646-5220
Licensed Site Professional:	Dorothy McGlincy, PG, LSP LSP License Number: 7336 TRC Environmental Corporation Wannalancit Mills 650 Suffolk Street Lowell, Massachusetts 01854 (978) 970-5600

2.0 SITE BACKGROUND

A Site location map is presented in Figure 1, and a Site plan is presented in Figure 2. Brayton Point Station is New England's largest fossil fuel power plants, operating 24 hours a day, 7 days per week. Brayton Point Station has operated as a generator of electric power since 1963. From 1963 to the present, the Station has generated electric power by burning coal, oil, and natural gas. Located at the southern peninsula of Brayton Point in Somerset, Massachusetts, the property is bounded to the west by the Lee River, to the north by Fox Hill Cove and Route 195, to the east by the Taunton River, and to the south by Mount Hope Bay (see Figure 1).

The area near the release tracked by RTN 4-18750 consists of paved land, diesel generator engines, power plant buildings, and equipment associated with electricity generation. The property is zoned for industrial use.

On October 29, 2004, within 72-hours of the discovery of more than 0.5 inch of oil (referred to as light non-aqueous phase liquid, or "LNAPL") in two monitoring wells at the Station property (MW-701 and MW-627), Brayton Point Station notified MassDEP of the presence of oil in on-site monitoring wells, as required by the MCP (310 CMR 40.0313(1)). The MassDEP assigned RTN 4-18750 to the release. An MCP Phase I Initial Site Investigation and Tier Classification report was submitted to the MassDEP on November 4, 2005. The Site was classified as Tier II based on the Numerical Ranking System score of 186.

Following the completion Immediate Response Actions, a Release Abatement Measure (RAM), and Phase I and Phase II investigations, TRC concluded that two separate sources of No. 2 oil had occurred at the Site.

MW-627 Area - Near the western side of the Air Compressor Building, two abandoned underground fuel oil lines had not been fully drained when they were abandoned, and holes in portions of the pipe caused residual oil to drain into soil and groundwater near MW-627. Following RAM soil remediation and pipe removal activities, LNAPL has not been observed in this area of the Site.

Diesel Generator Area - The source of LNAPL in this area was determined to be from a release of an estimated 100 gallons of oil from the day tank in Diesel Generator 4. Following replacement of the leaking tank and removal of soil and rock during the dry scrubber foundation excavations, LNAPL is no longer present at MW-701R (the replacement of MW-701). Throughout the diesel generator area, 13 large concrete footings were installed to depths of eight to 18 feet below land surface. During the construction of the footings, the excavations extended below the water table (including one adjacent to MW-701) which allowed the observation of the water table. No measureable oil was present in the excavations.

Following the replacement of monitoring wells near Diesel Generator 4, LNAPL was discovered in two newly-installed wells south of Diesel Generator 4. The oil was detected at depths below 15 feet below grade in wells MW-711 and MW-720. Due to the low volume of LNAPL present and slow rate of LNAPL recharge within the well casings, limited volumes of oil have been recovered with passive bailers since 2008. LNAPL is no longer present at MW-720.

Measureable thicknesses of LNAPL still appear in the well casing of MW-711, but LNAPL is not migrating from this area. There is very little recoverable oil in the subsurface at the Site, as evidenced by the recovery of only a few gallons of oil recovered over a one year period.

LNAPL is not present in other wells at the Site. Perimeter wells have delineated the extent of oil near the Diesel Generator Area and all other monitoring wells have groundwater concentrations below applicable GW-2 and GW-3 standards. Extractable petroleum hydrocarbons (EPH), volatile petroleum hydrocarbons (VPH), and naphthalene are the constituents of concern at the Site.

3.0 SUMMARY OF RESPONSE ACTIONS UNDER RTN 4-18750

Site investigations, including a RAM and Immediate Response Actions (IRAs), have been conducted at the Site since November 2004. The following sections document the Site investigation activities and the response actions. Additional details regarding response actions are included in the November 2010 Class C-2 RAO prepared for Brayton Point Station. The major response actions conducted at the Site are discussed below.

3.1 Response Actions Conducted to Date

- In October and November 2004, inspections revealed a leak in Day Tank 4, located within the aboveground metal building containing Diesel Engine 4. The day tank was subsequently taken out of service, replaced, and Diesel Engine 4 was returned to service on February 28, 2005.

- In November 2004, oil samples were collected from MW-701, MW-627, AST Tank 5, and from a sheen in MW-629 for TPH fingerprint analysis. All oils were identified as resembling No. 2 fuel oil (diesel fuel). In the opinion of Laboratory personnel, the oil in MW-701 and MW-629 was relatively unweathered (aged approximately three to six years), while the oil in MW-627 was very weathered (aged approximately 19 years). The sheen in MW-629 was attributed to a cracked surface casing that was repaired in 2004. Since that time, no oil has been detected in MW-629.

- A soil gas survey was completed in November 2004 to evaluate potential sources and migration pathways related to the separate phase product measured in monitoring well MW-701.

- Twenty-two soil borings were completed in December 2004 in areas with soil gas VOCs above 10 to assess nature and extent of soil contamination near the diesel generators. A piezometer (PZ-7) was installed in the boring with the highest PID levels (B-802) near Diesel Generator 4, close to the location of Day Tank 4. There were no oily soils or separate phase oils found during the drilling program and no LNAPL was ever detected in the piezometer.

- In November 2004, test pits TP-TRC-01, TP-TRC-02, TP-TRC-03, and TP-TRC-04 were excavated along the storm drain line near MW-627 and east of the Air Compressor Building to evaluate potential migration pathways of oil at the Site. In February 2007, an additional test pit was excavated adjacent to both sides of the electric line that extends north from the diesel generators and the switch gear building to the power house. No oil was found in the storm drain utility trench, inside the drain, or along the electric utility line. Results of soil sample analyses indicated that these utilities were not acting as migration pathways.

- In February 2005, eight soil borings were completed near former well MW-627 to evaluate soil and groundwater quality. Five of the borings, located approximately 20 feet

north, south, east and west of MW-627, were converted into shallow monitoring wells (MW-900, MW-902, MW-904, MW-906, and MW-908) to evaluate the presence of oil in this area. Petroleum hydrocarbon odors were observed in all borings, and although LNAPL has not been found on the water table in these monitoring wells, a sheen has been occasionally observed in MW-906 and MW-908.

- On February 16 and 17, 2006, vacuum extraction was used to remove oil from former monitoring wells MW-627 and MW-701. TRC estimates that the vacuum extraction process removed an estimated maximum of 69 gallons of oil.

- Monitoring wells PZ-7, MW-619, MW-627, MW-701, MW-702 MW-703 and MW-902 were abandoned in late 2006 and early 2007 due to construction and RAM activities. Monitoring well MW-902 was decommissioned because the casing had cracked and the well had silted in. Due to the close proximity of other wells in this area, MW-902 was not replaced.

- TRC implemented RAM activities from February 27 to March 5, 2007, at which time two abandoned fuel oil lines were discovered in the vicinity of MW-627. The pipes within the RAM excavation were cut, drained, and removed from the hole. The ends of the pipes remaining to the north and south of the RAM excavation were capped and welded shut. TRC believes the western 2-inch diameter steel oil pipe was the source of the oil in MW-627. Approximately 45 cubic yards of oil-impacted soil were excavated from the area around MW-627 during the RAM.

- Four replacement monitoring wells (MW-619R, MW-627R, MW-701R, and MW-711) and seven new soil borings (B-712 to B-718), two of which were completed as monitoring wells (MW-712 and MW-717), were installed in February and March 2007. No LNAPL was discovered in MW-619R, MW-627R, or MW-701R. During the drilling for MW-711, hydrocarbon odors and VOCs were encountered at various depths during drilling, but no oil was detected on the perched water or in soil at shallow depths (0 to 5 feet). At approximately 17 feet bgs, a strong oily odor and oily rock were encountered. Well MW-711 is screened below the water table, across this oily zone, and has historically contained LNAPL ranging in thickness from 0.2 to 1.6 feet prior to LNAPL recovery efforts. Based on this observation, TRC revised the conceptual site model to illustrate that the oil is limited to secondary joints in the deeper weathered saprolite and weathered bedrock beneath Diesel Generator 4.

- Three new groundwater monitoring wells MW-719, MW-720, and MW-721 were installed in April 2007, located within 30 feet to the south and west of the diesel generators to investigate the extent of the LNAPL present at MW-711. LNAPL was not encountered at MW-719 or MW-721, but an oily odor was encountered at 16 feet bgs in MW-720. Measurable LNAPL was later encountered in MW-720.

- Two monitoring well clusters (MW-722S/722D and MW-723S/723D) were installed in September 2007, each consisting of one overburden well and one bedrock well, further south/southeast of the diesel generators, and one bedrock monitoring well (AST-708D)

adjacent to existing well AST-708S[1]. These new borings and wells were installed to assess the soil and groundwater quality in the presumed down gradient direction from the diesel generator area where LNAPL was observed in monitoring well MW-711.

- Rising and falling head tests were performed on five monitoring wells (MW-701R, MW-712, MW-721, MW-723D, and MW-908) from October 2 to 3, 2007 to estimate the general hydraulic conductivity (K) at the Site. The average hydraulic conductivity values calculated for wells completed in the overburden and bedrock was approximately 9.05 E-03 cm/sec and 1.61 E-04 cm/sec, respectively.

- From July 2006 through February 2007, 12 foundations were excavated to depths up to 20 feet and concrete footings installed in the area of the diesel generators. TRC personnel observed all excavations within the AUL areas and MCP Site and ensured compliance with the Site Soil and Groundwater Management Plan and AUL restrictions. Although contaminated soils were present in most excavations, there was no measurable LNAPL layer on the water table in any excavation, even when the excavations remained open for several weeks. Dominion removed approximately 3,700 tons (2,500 cubic yards) of contaminated soil for off-site recycling during the foundation construction project in the Diesel Generator area. In addition, approximately 37,000 gallons of water from dewatering activities were sent off-site for disposal.

- Passive oil-only canisters were installed in monitoring wells MW-711 and MW-720 on May 30, 2008 as part of Phase IV and V remedial alternatives, following 3 weekly recovery events during which LNAPL was recovered with absorbent socks and peristaltic pumps. The LNAPL recovery was monitored in 2008 and 2009 on a weekly, monthly, and then periodic basis, due to diminishing LNAPL recovery rates. The oil-only canisters were removed from the water table in both wells in April 2010. In total, it is estimated that only three gallons of LNAPL were recovered from MW-711 and MW-720. Currently there is no oil in MW-720, and very little LNAPL in MW-711.

- Monitoring well MW-619R was destroyed in November 2008 during construction-related paving activities.

- Monitoring wells MW-723S and MW-723D were abandoned in November 2010 in anticipation of planned construction that area of the Site.

Soil boring and test pit logs, well construction diagrams, soil sample results, and laboratory data reports related to the above activities were provided in the Phase II CSA (TRC, 2007).

[1] Monitoring well AST-708S was initially identified as BPD-708 when drilled on 4/24/1997 by ENSR Consulting and Engineering.

3.2 On-going Response Actions

3.2.1 Groundwater Sampling

Groundwater analytical results from March 2005 through January 2010 are provided as Table 2, and the laboratory data report from the January 2010 sampling event is provided in Appendix A. Laboratory data reports from previous groundwater sampling rounds were provided in the Phase II CSA (TRC, 2007). Based on the continued absence of concentrations above applicable Method 1 GW-2 and GW-3 Cleanup Standards, TRC does not anticipate the need for an additional groundwater sampling at the Site under RTN 4-18750.

3.2.2 Water Level and LNAPL Thickness Measurements

TRC has been periodically collecting groundwater level and LNAPL thickness measurements from selected monitoring wells at the site since November 2004. The depth to water generally ranges from one to four feet below ground surface in the vicinity of MW-627R and ten to 17 feet below ground surface in the area of MW-711. Although the general groundwater flow direction across the Site is to the east-northeast, from the Diesel Generator area down to the area near the Air Compressor Building, there also appears to be a radial component of groundwater flow emanating from the Diesel Generator area.

Between November 12, 2011 and the most recent groundwater gauging round conducted on March 2, 2011 (the period covered by this Class C-2 RAO Status Report), LNAPL was only observed in monitor well MW-711, at a thickness ranging from 0.32 to 0.51 feet.

It was noted during the two most recent gauging rounds that the LNAPL did not coat the interface probe as thickly as it has historically. The product observed on the probe appeared to contain a mix of water and oil globules, unlike the viscous product had been observed in the past.

4.0 OPERATION, MAINTENANCE AND MONITORING ACTIVITIES [310 CMR 40.0898(2)(a)]

Operation of the passive oil-only canisters was terminated in April 2010 due to the limited rate of LNAPL recovery. Less than three gallons of oil were recovered using the oil-only canisters in 2008, 2009, and the first part of 2010. Quarterly groundwater gauging is being conducted to confirm that there are no significant increases in LNAPL thickness and to ensure that LNAPL does not migrate to areas where LNAPL was not previously detected or outside the Disposal Site Boundary.

4.1 Groundwater Elevation Measurements

During the current Post-RAO period, TRC conducted two rounds of groundwater level and oil thickness measurements on January 4, 2011 and March 2, 2011. A groundwater elevation contour map based on the January 4, 2011 gauging round is presented in Figure 2.

Similar to previous gauging rounds, the January 2011 gauging data indicate that groundwater flows to the east-northeast across most of the Site toward the Taunton River. In the Diesel Generators area, groundwater flow is partially radial from the top of the hill, down below the ash precipitators to the north, and to the east, south, and west near MW-704 and MW-701R.

4.2 Oil Thickness Measurements

Measured oil thicknesses remain at one location (MW-711) at a thickness greater than the MCP upper concentration limit (UCL) of ½ inch (0.51 feet during the most-recent March 2, 2011 gauging round). However, it is TRC's opinion that these measured thicknesses overestimate the actual LNAPL thickness in the aquifer. It is well-documented in literature published by the American Petroleum Institute (API, 2004), the Environmental Protection Agency (EPA, 1995), MassDEP (MassDEP, 2002), and the Massachusetts LSP Association (LSPA, 2005) that product thickness measurements conducted in monitoring wells exaggerate the true product thickness in the aquifer.

MW-711 is a two-inch diameter monitoring well located adjacent to the presumed location of the release from the day tank in Diesel Generator 4. Oil has been measured at thicknesses greater than 0.5 inch consistently at this location over the past several years. Although oil thickness has generally been reduced, measurements greater than 0.5 inch of LNAPL persist in this monitoring well. It is TRC's opinion that measured oil thickness measurements at this location are exaggerated, and actual oil thickness in the aquifer is much less. This opinion is based on the absence of LNAPL in nearby monitoring wells where LNAPL has been measured in the past (MW-720 and MW-701R) and when the dry scrubber footings were installed in areas surrounding the diesel generators, oil was not present on the groundwater in the excavations. TRC believes the LNAPL measurements at MW-711 are not indicative of actual oil thickness in the aquifer, and that LNAPL thicknesses in the aquifer are below upper concentration limits. Dominion plans to close this Site with a Class A-3 RAO within the next six months.

5.0 POST-CLASS C-2 RAO SCHEDULE

TRC will collect an additional round of groundwater and oil thickness measurements at the Site to confirm that there are no changes in LNAPL at the Site and show that LNAPL is not migrating. Dominion plans to combine the two existing, adjacent Activity and Use Limitation (AUL) areas within the No. 2 Fuel Oil Site, and combine the existing AULs with an AUL for RTN 4-18750, and close this MCP site within the next six months, or before November 12, 2011.

6.0 LIMITATIONS

This report was prepared exclusively for Brayton Point for use in MCP submittals. The conclusions presented in this report are based solely on the information reported in this document. Additional information regarding the Site, which was not available to TRC, may result in a modification of the findings above. The report has been prepared in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area. No other warranty, expressed or implied, is made.

7.0 REFERENCES

TRC Environmental Corporation, 2007, *Phase II Comprehensive Site Assessment and Phase III Remedial Action Plan*, Brayton Point Station, RTN 4-18750, by TRC Environmental Corporation, dated November 12, 2007.

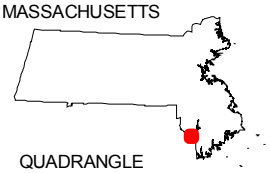
TRC Environmental Corporation, 2010, *Class C-2 Response Action Outcome Report*, Brayton Point Station, RTN 4-18750, by TRC Environmental Corporation, dated November 12, 2010.

FIGURES

Base map is portion of the 7.5 Minute Fall River USGS topographic quadrangle.

0 1,000 2,000 3,000 Feet

MASSACHUSETTS



QUADRANGLE LOCATION

TRC

Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
978-970-5600

SITE LOCATION MAP

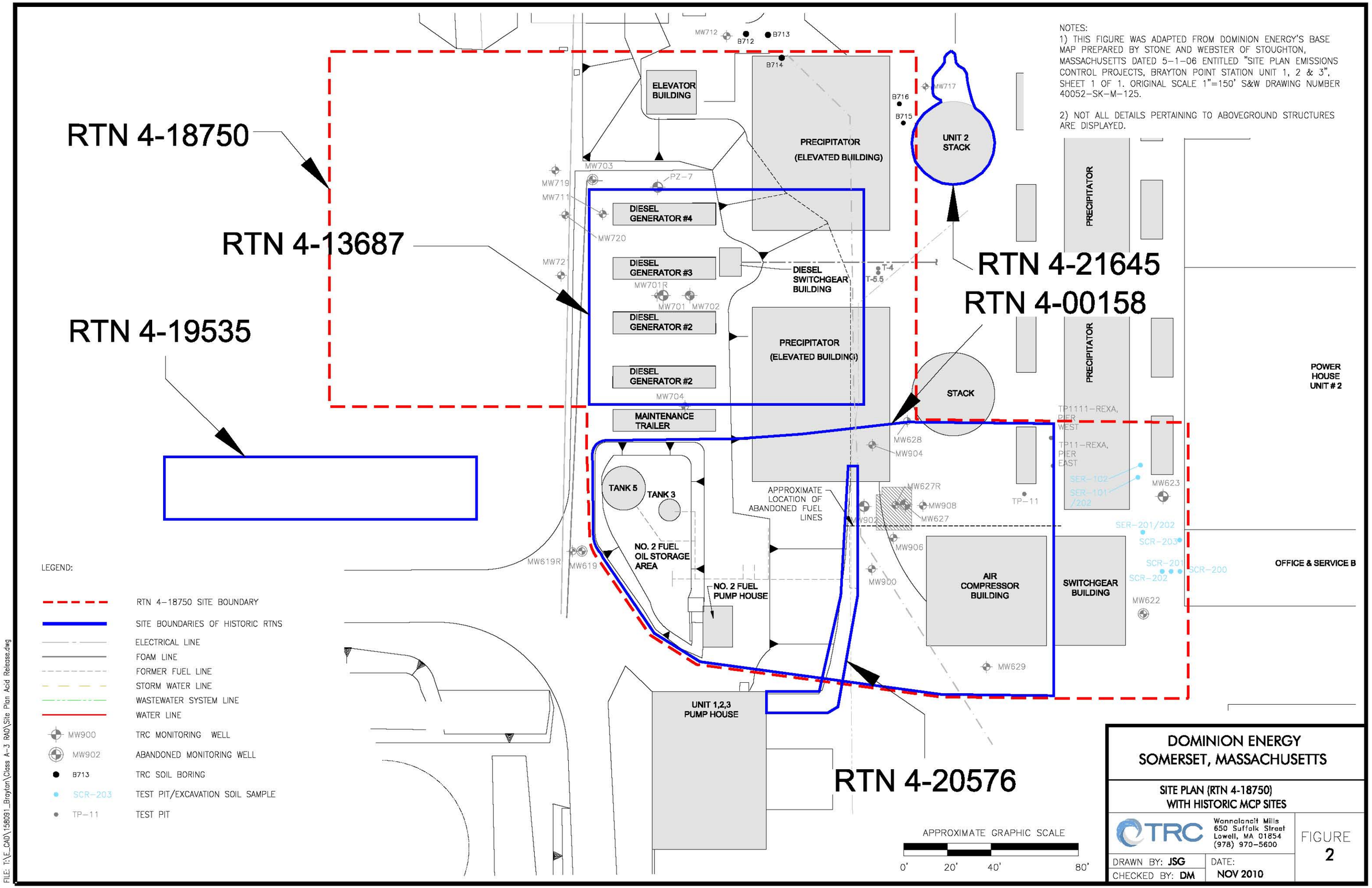
BRAYTON POINT
SOMERSET, MASSACHUSETTS

FIGURE 1 | **Project No.: 158091**

R:\Projects\GIS_2008\158091_Brayton\mxd\Brayton_Fig1_Site_Locus_010909.mxd

NOTES:
1) THIS FIGURE WAS ADAPTED FROM DOMINION ENERGY'S BASE MAP PREPARED BY STONE AND WEBSTER OF STOUGHTON, MASSACHUSETTS DATED 5-1-06 ENTITLED "SITE PLAN EMISSIONS CONTROL PROJECTS, BRAYTON POINT STATION UNIT 1, 2 & 3", SHEET 1 OF 1. ORIGINAL SCALE 1"=150' S&W DRAWING NUMBER 40052-SK-M-125.

2) NOT ALL DETAILS PERTAINING TO ABOVEGROUND STRUCTURES ARE DISPLAYED.



DOMINION ENERGY
SOMERSET, MASSACHUSETTS

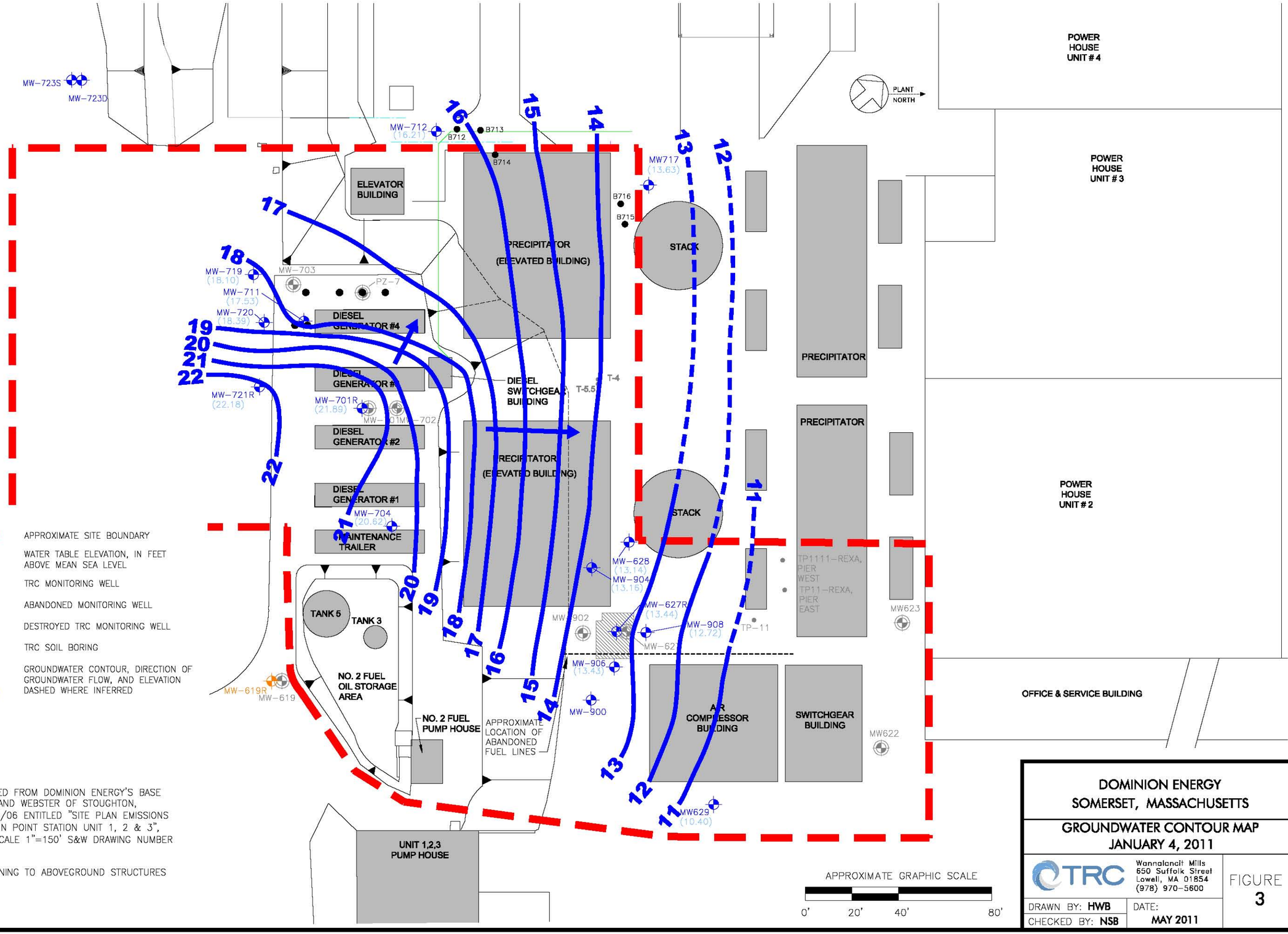
SITE PLAN (RTN 4-18750)
WITH HISTORIC MCP SITES

TRC
Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
(978) 970-5600

DRAWN BY: JSG
CHECKED BY: DM
DATE: NOV 2010

FIGURE 2

FILE: T:\E_CAD\158091_Brayton\Class A-3 RAO\Site Plan Acid Release.dwg



LEGEND:

	APPROXIMATE SITE BOUNDARY
(18.10)	WATER TABLE ELEVATION, IN FEET ABOVE MEAN SEA LEVEL
MW-719	TRC MONITORING WELL
MW-619	ABANDONED MONITORING WELL
MW-619R	DESTROYED TRC MONITORING WELL
B713	TRC SOIL BORING
22	GROUNDWATER CONTOUR, DIRECTION OF GROUNDWATER FLOW, AND ELEVATION DASHED WHERE INFERRED

NOTES:

1. THIS FIGURE WAS ADAPTED FROM DOMINION ENERGY'S BASE MAP PREPARED BY STONE AND WEBSTER OF STOUGHTON, MASSACHUSETTS DATED 5/1/06 ENTITLED "SITE PLAN EMISSIONS CONTROL PROJECTS BRAYTON POINT STATION UNIT 1, 2 & 3", SHEET 1 OF 1. ORIGINAL SCALE 1"=150' S&W DRAWING NUMBER 40052-SK-M-125.

2. NOT ALL DETAILS PERTAINING TO ABOVEGROUND STRUCTURES ARE DISPLAYED.

DOMINION ENERGY
SOMERSET, MASSACHUSETTS

GROUNDWATER CONTOUR MAP
JANUARY 4, 2011

TRC
Wannalancit Mills
650 Suffolk Street
Lowell, MA 01854
(978) 970-5600

DRAWN BY: HWB
CHECKED BY: NSB
DATE: MAY 2011

FIGURE 3

FILE: T:\E_CAD\109842_brayton\Site Plan GW Contour 1-4-11.dwg

TABLES

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-619		29.49					
MW-619	11/1/2004		8.77	--	20.72	None	
MW-619	11/2/2004		8.89	--	20.60	None	
MW-619	12/3/2004		7.68	--	21.81	None	
MW-619	1/5/2005		10.55	--	18.94	None	
MW-619	2/2/2005		5.28	--	24.21	None	
MW-619	3/2/2005		5.38	--	24.11	None	
MW-619	4/8/2005		3.72	--	25.77	None	
MW-619	5/6/2005		6.85	--	22.64	None	
MW-619	6/8/2005		7.96	--	21.53	None	
MW-619	7/1/2005		9.97	--	19.52	None	
MW-619	8/1/2005		12.07	--	17.42	None	
MW-619	9/2/2005		11.91	--	17.58	None	
MW-619	10/7/2005		6.24	--	23.25	None	
MW-619	11/4/2005		5.30	--	24.19	None	
MW-619	12/2/2005		3.58	--	25.91	None	
MW-619	1/10/2006		6.03	--	23.46	None	
MW-619	2/15/2006		Could not locate well		--	--	
MW-619	3/14/2006		10.13	--	19.36	None	
MW-619	4/28/2006		Could not locate well		--	--	
MW-619	7/27/2006		12.22	--	17.27	None	
MW-619	8/7/2006		13.26	--	16.23	None	
MW-619R		29.32					
MW-619R	3/22/2007		11.92	--	17.40	None	
MW-619R	4/19/2007		11.29	--	18.03	None	
MW-619R	4/30/2007		na	--	--		
MW-619R	6/19/2007		13.42	--	15.90	None	
MW-619R	8/23/2007		15.58	--	13.74	None	
MW-619R	9/13/2007		na		na		
MW-619R	9/27/2007		15.11	--	14.21	None	
MW-619R	2/4/2008		Could not locate well		--	--	
MW-619R	5/2/2008		Could not locate well	--	--	--	
MW-619R	5/8/2008		Could not locate well	--	--	--	
MW-619R	5/16/2008		Could not locate well	--	--	--	
MW-619R	5/22/2008		12.38	--	16.94	None	
MW-619R	5/30/2008		12.62	--	16.70	None	
MW-619R	6/6/2008		--	--	--	--	
MW-619R	6/13/2008		13.10	--	16.22	None	
MW-619R	6/20/2008		13.21	--	16.11	None	
MW-619R	6/26/2008		13.3	--	16.02	None	
MW-619R	7/14/2008		13.95	--	15.37	None	
MW-619R	7/25/2008		14.25	--	15.07	None	
MW-619R	8/8/2008		--	--	--	--	
MW-619R	8/20/2008		13.6	--	15.72	None	
MW-619R	9/3/2008		14.49	--	14.83	None	
MW-619R	9/18/2008		--	--	--	--	
MW-619R	11/17/2008		--	--	--	--	
MW-622		14.29					
MW-622	11/1/2004		2.77	--	11.52	None	
MW-622	11/2/2004		1.82	--	12.47	None	
MW-622	12/3/2004		2.82	--	11.47	None	
MW-622	1/5/2005		--	--	--	--	
MW-622	2/2/2005		--		--	--	
MW-622	3/2/2005		1.17	--	13.12	None	
MW-622	4/8/2005		1.20	--	13.09	None	
MW-623		14.41					
MW-623	11/1/2004		na		na	na	
MW-623	11/2/2004		3.24	--	na	None	
MW-623	12/3/2004		1.76	--	na	None	
MW-623	12/7/2004		2.42	--	na	None	

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-627		14.20					
MW-627	11/1/2004		1.99	1.77	12.21	0.22	12.40
MW-627	11/2/2004		1.99	1.76	12.21	0.23	12.41
MW-627	12/3/2004		1.50	--	12.70	sheen	
MW-627	1/5/2005		1.63	1.55	12.57	0.08	12.64
MW-627	2/2/2005		2.15	1.65	12.05	0.50	12.48
MW-627	3/2/2005		1.72	1.02	12.48	0.70	13.09
MW-627	4/8/2005		1.50	0.80	12.70	0.70	13.31
MW-627	5/6/2005		2.22	1.49	11.98	0.73	12.61
MW-627	6/8/2005		2.32	1.52	11.88	0.80	12.57
MW-627	7/1/2005		2.04	1.78	12.16	0.26	12.39
MW-627	9/2/2005		1.76	1.75	12.44	0.01	12.45
MW-627	10/7/2005		1.70	1.68	12.50	0.02	12.52
MW-627	11/4/2005		1.69	1.67	12.51	0.02	12.53
MW-627	12/2/2005		1.30	1.29	12.90	0.01	12.91
MW-627	1/10/2006		1.61	1.59	12.59	0.02	12.61
MW-627	2/15/2006		1.38	--	12.82	Sheen	
MW-627	3/14/2006		1.63	1.56	12.57	0.07	12.63
MW-627	4/28/2006		2.32	1.85	11.88	0.47	12.29
MW-627	11/20/2006		4.75	4.20	9.45	0.55	9.93
MW-627	12/4/2006		1.38	1.15	12.82	0.23	13.02
MW-627R	3/22/2007	14.43	1.44	--	12.99	None	
MW-627R	4/3/2007		1.55	--	12.88	None	
MW-627R	4/10/2007		1.50	--	12.93	None	
MW-627R	4/19/2007		1.20	--	13.23	None	
MW-627R	4/30/2007		1.42	--	13.01	None	
MW-627R	6/19/2007		1.98	--	12.45	None	
MW-627R	8/23/2007	14.21	1.90	--	12.31	None	
MW-627R	9/13/2007		1.85	--	12.36	None	
MW-627R	9/27/2007		1.44	--	12.77	None	
MW-627R	2/4/2008		1.11	--	13.10	Sheen	
MW-627R	4/17/2008		1.59	--	12.62	None	
MW-627R	4/24/2008		1.70	--	12.51	None	
MW-627R	5/2/2008		1.40	--	12.81	None	
MW-627R	5/8/2008		1.46	--	12.75	None	
MW-627R	5/16/2008		1.51	--	12.70	None	
MW-627R	5/22/2008		1.37	--	12.84	None	
MW-627R	5/30/2008		1.68	--	12.53	None	
MW-627R	6/6/2008		1.67	--	12.54	None	
MW-627R	6/13/2008		--	--	--	--	
MW-627R	6/20/2008		--	--	--	--	
MW-627R	6/26/2008		1.59	--	12.62	None	
MW-627R	7/14/2008		--	--	--	None	
MW-627R	7/25/2008		1.25	--	12.96	None	
MW-627R	8/8/2008		--	--	--	--	
MW-627R	8/20/2008		1.68	--	12.53	None	
MW-627R	9/3/2008		3.76	--	10.45	None	
MW-627R	9/18/2008		3.16	--	11.05	None	
MW-627R	11/17/2008		1.37	--	12.84	None	
MW-627R	12/12/2008		0.65	--	13.56	None	
MW-627R	1/14/2009		1.15	--	13.06	None	
MW-627R	1/29/2009	14.27					
MW-627R	2/18/2009		1.55	--	12.72	None	
MW-627R	3/19/2009		1.5	--	12.77	None	
MW-627R	12/1/2009		0.99	--	13.28	None	
MW-627R	1/19/2010		1.26	--	13.01	None	
MW-627R	3/22/2010		1.35	--	12.92	None	
MW-627R	6/25/2010		1.58	--	12.69	None	
MW-627R	1/4/2011		0.83	--	13.44	None	
MW-627R	3/2/2011		1.23	--	13.04	None	

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-628		14.35					
MW-628	11/1/2004		1.92	--	12.43	None	
MW-628	11/2/2004		1.95	--	12.40	None	
MW-628	12/3/2004		1.55	--	12.80	None	
MW-628	1/5/2005		1.54	--	12.81	None	
MW-628	2/2/2005		1.87	--	12.48	None	
MW-628	3/2/2005		0.95	--	13.40	None	
MW-628	3/14/2005		0.88	--	13.47	None	
MW-628	3/15/2005		1.25	--	13.10	None	
MW-628	3/22/2005		1.90	--	12.45	None	
MW-628	3/30/2005		1.00	--	13.35	None	
MW-628	4/8/2005		0.90	--	13.45	None	
MW-628	5/6/2005		1.63	--	12.72	None	
MW-628	6/8/2005		1.73	--	12.62	None	
MW-628	7/1/2005		1.90	--	12.45	None	
MW-628	8/1/2005		3.32	--	11.03	None	
MW-628	9/2/2005		1.84	--	12.51	None	
MW-628	10/7/2005		1.92	--	12.43	None	
MW-628	11/4/2005		1.63	--	12.72	None	
MW-628	12/2/2005		1.41	--	12.94	None	
MW-628	1/10/2006		1.62	--	12.73	None	
MW-628	2/15/2006		1.42	--	12.93	None	
MW-628	3/14/2006		1.63	--	12.72	None	
MW-628	4/28/2006		1.83	--	12.52	None	
MW-628	11/20/2006		1.61	--	12.74	None	
MW-628	12/4/2006		1.55	--	12.80	None	
MW-628	3/15/2007		1.70	--	12.65	None	
MW-628	3/22/2007		1.55	--	12.80	None	
MW-628	4/3/2007		1.57	--	12.78	None	
MW-628	4/19/2007		1.43	--	12.92	None	
MW-628	4/30/2007		1.42	--	12.93	None	
MW-628	6/19/2007		1.78	--	12.57	None	
MW-628	8/23/2007		1.88	--	12.47	None	
MW-628	9/13/2007		1.91	--	12.44	None	
MW-628	9/27/2007		2.06	--	12.29	None	
MW-628	2/4/2008		1.41	--	12.94	Sheen	
MW-628	4/17/2008		1.65	--	12.70	None	
MW-628	4/24/2008		1.85	--	12.50	None	
MW-628	5/2/2008		1.54	--	12.81	None	
MW-628	5/8/2008		1.61	--	12.74	None	
MW-628	5/16/2008		1.63	--	12.72	None	
MW-628	5/22/2008		1.35	--	13.00	None	
MW-628	5/30/2008		1.80	--	12.55	None	
MW-628	6/6/2008		1.83	--	12.52	None	
MW-628	6/13/2008		1.87	--	12.48	None	
MW-628	6/20/2008		1.78	--	12.57	None	
MW-628	6/26/2008		1.65	--	12.70	None	
MW-628	7/14/2008		1.87	--	12.48	None	
MW-628	7/25/2008		1.70	--	12.65	None	
MW-628	8/8/2008		1.62	--	12.73	None	
MW-628	8/20/2008		--	--	--	--	
MW-628	9/3/2008		2.03	--	12.32	None	
MW-628	9/18/2008		1.49	--	12.86	None	
MW-628	11/17/2008		1.61	--	12.74	None	
MW-628	12/12/2008		1.48	--	12.87	None	
MW-628	1/14/2009		1.19	--	13.16	None	
MW-628	2/18/2009		1.48	--	12.87	None	
MW-628	3/19/2009		1.57	--	12.78	None	
MW-628	12/1/2009		1.33	--	13.02	None	
MW-628	1/19/2010		1.25	--	13.10	None	
MW-628	3/22/2010		1.48	--	12.87	None	
MW-628	6/25/2010		1.71	--	12.64	None	
MW-628	1/4/2011		1.21	--	13.14	None	
MW-628	3/2/2011		1.22	--	13.13	None	

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-629		14.08					
MW-629	11/1/2004		3.53	3.47	10.55	0.06	10.60
MW-629	11/2/2004		3.58	3.53	10.50	0.05	10.54
MW-629	12/3/2004		2.95	--	11.13	None	
MW-629	1/5/2005		3.06	--	11.02	None	
MW-629	2/2/2005		3.30	--	10.78	None	
MW-629	3/2/2005		2.98	--	11.10	None	
MW-629	4/8/2005		2.85	--	11.23	None	
MW-629	5/6/2005		3.22	--	10.86	None	
MW-629	6/8/2005		3.49	--	10.59	None	
MW-629	7/1/2005		3.73	--	10.35	None	
MW-629	8/1/2005		4.45	--	9.63	None	
MW-629	9/2/2005		4.20	--	9.88	None	
MW-629	10/7/2005		5.14	--	8.94	None	
MW-629	11/4/2005		3.46	--	10.62	None	
MW-629	12/2/2005		3.12	--	10.96	None	
MW-629	1/10/2006		3.71	--	10.37	None	
MW-629	2/15/2006		3.52	--	10.56	None	
MW-629	3/14/2006		3.33	--	10.75	None	
MW-629	4/28/2006		3.88	--	10.20	None	
MW-629	11/20/2006		3.40	--	10.68	None	
MW-629	12/4/2006		3.49	--	10.59	None	
MW-629	3/15/2007		4.51	--	9.57	None	
MW-629	3/22/2007		3.28	--	10.80	None	
MW-629	4/3/2007		3.32	--	10.76	None	
MW-629	4/19/2007		5.21	--	8.87	None	
MW-629	4/30/2007		2.93	--	11.15	None	
MW-629	6/19/2007		3.78	--	10.30	None	
MW-629	8/23/2007		4.12	--	9.96	None	
MW-629	9/13/2007		4.12	--	9.96	None	
MW-629	9/27/2007		4.33	--	9.75	None	
MW-629	2/4/2008		3.11	--	10.97	None	
MW-629	4/17/2008		3.42	--	10.66	None	
MW-629	4/24/2008		3.54	--	10.54	None	
MW-629	5/2/2008		3.40	--	10.68	None	
MW-629	5/8/2008		3.36	--	10.72	None	
MW-629	5/16/2008		3.49	--	10.59	None	
MW-629	5/22/2008		3.41	--	10.67	None	
MW-629	5/30/2008		3.56	--	10.52	None	
MW-629	6/6/2008		3.72	--	10.36	None	
MW-629	6/13/2008		3.76	--	10.32	None	
MW-629	6/20/2008		3.73	--	10.35	None	
MW-629	6/26/2008		3.63	--	10.45	None	
MW-629	7/14/2008		3.91	--	10.17	None	
MW-629	7/25/2008		4.08	--	10.00	None	
MW-629	8/8/2008		3.45	--	10.63	None	
MW-629	8/20/2008		3.57	--	10.51	None	
MW-629	9/3/2008		3.76	--	10.32	None	
MW-629	9/18/2008		3.16	--	10.92	None	
MW-629	11/17/2008		3.58	--	10.50	None	
MW-629	12/12/2008		3.35	--	10.73	None	
MW-629	1/14/2009		2.73	--	11.35	None	
MW-629	1/29/2009	14.08					
MW-629	2/18/2009		2.98	--	11.10	None	
MW-629	3/19/2009		3.04	--	11.04	None	
MW-629	1/19/2010		3.27	--	10.81	None	
MW-629	3/22/2010		4.02	--	10.06	None	
MW-629	6/25/2010		4.34	--	9.74	None	
MW-629	1/4/2011		3.68	--	10.40	None	
MW-629	3/2/2011		3.50	--	10.58	None	

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-701		29.75					
MW-701	11/2/2004		11.43	6.89	18.32	4.54	22.25
MW-701	11/3/2004		11.32	6.00	18.43	5.32	23.04
MW-701	11/4/2004		na	na	na	na	
MW-701	11/5/2004		11.25	5.25	18.50	6.00	23.70
MW-701	11/6/2004		7.20	5.30	22.55	1.90	24.20
MW-701	11/7/2004		7.22	5.32	22.53	1.90	24.18
MW-701	11/8/2004		7.34	5.38	22.41	1.96	24.11
MW-701	11/9/2004		6.10	5.73	23.65	0.37	23.97
MW-701	11/10/2004		6.10	5.72	23.65	0.38	23.98
MW-701	11/11/2004		7.55	7.41	22.20	0.14	22.32
MW-701	11/12/2004		5.96	5.81	23.79	0.15	23.92
MW-701	11/15/2004		5.70	5.54	24.05	0.16	24.19
MW-701	11/16/2004		5.52	5.37	24.23	0.15	24.36
MW-701	11/17/2004		5.49	5.35	24.26	0.14	24.38
MW-701	11/18/2004		5.51	5.38	24.24	0.13	24.35
MW-701	11/19/2004		5.38	5.37	24.37	0.01	24.38
MW-701	11/22/2004		5.38	--	24.37	None	
MW-701	11/23/2004		5.41	--	24.34	None	
MW-701	11/24/2004		5.36	--	24.39	None	
MW-701	11/29/2004		5.20	--	24.55	None	
MW-701	12/3/2004		4.50	--	25.25	0.00	25.25
MW-701	12/7/2004		4.72	--	25.03	None	
MW-701	12/9/2004		na	--	na	na	
MW-701	1/5/2005		4.47	--	25.28	None	
MW-701	2/2/2005		4.79	--	24.96	None	
MW-701	3/2/2005		4.65	--	25.10	None	
MW-701	3/15/2005		4.21	--	25.54	None	
MW-701	3/22/2005		4.43	--	25.32	None	
MW-701	3/30/2005		5.35	4.61	24.40	0.74	25.04
MW-701	4/8/2005		4.54	3.74	25.21	0.80	25.90
MW-701	5/6/2005		5.43	4.64	24.32	0.79	25.00
MW-701	6/8/2005		5.58	4.82	24.17	0.76	24.83
MW-701	7/1/2005		6.37	5.89	23.38	0.48	23.80
MW-701	8/1/2005		8.49	7.54	21.26	0.95	22.08
MW-701	9/2/2005		9.60	9.38	20.15	0.22	20.34
MW-701	10/7/2005		7.47	6.72	22.28	0.75	22.93
MW-701	11/4/2005		na	na	na	na	
MW-701	12/2/2005		5.16	4.88	24.59	0.28	24.83
MW-701	1/10/2006		5.47	5.19	24.28	0.28	24.52
MW-701	2/15/2006		6.16	5.87	23.59	0.29	23.84
MW-701	3/14/2006		7.14	--	22.61	--	--
MW-701	4/28/2006		9.12	8.90	20.63	0.22	20.82

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-701R	3/22/2007	30.09	6.21	sheen	23.88	0.01	23.89
MW-701R	4/3/2007		7.59	--	22.50	None	
MW-701R	4/13/2007		6.37	--	23.72	None	
MW-701R	4/19/2007		6.23	--	23.86	None	
MW-701R	4/30/2007		6.58	--	23.51	None	
MW-701R	6/19/2007		10.34	--	19.75	None	
MW-701R	8/23/2007		10.95	--	19.14	None	
MW-701R	9/13/2007		9.51	--	20.58	None	
MW-701R	9/27/2007		11.57	--	18.52	None	
MW-701R	2/4/2008		7.99	--	22.10	None	
MW-701R	4/17/2008		8.55	--	21.54	None	
MW-701R	4/24/2008		9.31	--	20.78	None	
MW-701R	5/2/2008		7.75	--	22.34	None	
MW-701R	5/8/2008		8.40	--	21.69	None	
MW-701R	5/16/2008		8.52	--	21.57	None	
MW-701R	5/22/2008		7.51	--	22.58	None	
MW-701R	5/30/2008		8.98	--	21.11	None	
MW-701R	6/6/2008		9.71	--	20.38	None	
MW-701R	6/13/2008		10.13	--	19.96	None	
MW-701R	6/20/2008		8.90	--	21.19	None	
MW-701R	6/26/2008		8.42	--	21.67	None	
MW-701R	7/14/2008		10.98	--	19.11	None	
MW-701R	7/25/2008		7.73	--	22.36	None	
MW-701R	8/8/2008		7.85	--	22.24	None	
MW-701R	8/20/2008		9.25	--	20.84	None	
MW-701R	9/3/2008		11.45	--	18.64	None	
MW-701R	9/18/2008		7.63	--	22.46	None	
MW-701R	11/17/2008		9.52	--	20.57	None	
MW-701R	12/12/2008		6.96	--	23.13	None	
MW-701R	1/14/2009		6.61	--	23.48	None	
MW-701R	1/29/2009	30.1					
MW-701R	3/19/2009		7.13	--	22.97	None	
MW-701R	4/16/2009		6.61	--	23.49	None	
MW-701R	5/29/2009		7.63	--	22.47	None	
MW-701R	9/10/2009		8.31	--	21.79	None	
MW-701R	12/1/2009		7.16	--	22.94	None	
MW-701R	1/19/2010		7.44	--	22.66	None	
MW-701R	3/22/2010		6.55	--	23.55	None	
MW-701R	6/25/2010		7.49	--	22.61	None	
MW-701R	1/4/2011		8.21		21.89	None	
MW-701R	3/2/2011		na		na	na	
MW-702		29.78					
MW-702	11/2/2004		1.60	--	28.18	None	
MW-702	1/5/2005		1.75	--	28.03	None	
MW-702	2/2/2005		na		na	na	
MW-702	3/2/2005		1.81	--	27.97	None	
MW-702	4/8/2005		1.10	--	28.68	None	
MW-702	5/6/2005		1.29	--	28.49	None	
MW-702	6/8/2005		1.38	--	28.40	None	
MW-702	7/1/2005		1.75	--	28.03	None	
MW-702	8/1/2005		2.50	--	27.28	None	
MW-702	9/2/2005		1.29	--	28.49	None	
MW-702	10/7/2005		1.45	--	28.33	None	
MW-702	11/4/2005		1.23	--	28.55	None	
MW-702	12/2/2005		0.84	--	28.94	None	
MW-702	1/10/2006		1.18	--	28.60	None	
MW-702	2/15/2006		1.07	--	28.71	None	
MW-702	3/14/2006		1.49	--	28.29	None	
MW-702	4/28/2006		1.59	--	28.19	None	
MW-703		29.93					
MW-703	11/2/2004		12.54	--	17.39	None	
MW-703	12/3/2004		10.55	--	19.38	None	
MW-703	1/5/2005		10.51	--	19.42	None	
MW-703	2/2/2005		10.78	--	19.15	None	
MW-703	3/2/2005		10.62	--	19.31	None	
MW-703	4/8/2005		10.12	--	19.81	None	
MW-703	5/6/2005		10.67	--	19.26	None	
MW-703	6/8/2005		11.11	--	18.82	None	
MW-703	7/1/2005		12.12	--	17.81	None	
MW-703	8/1/2005		13.82	--	16.11	None	
MW-703	9/2/2005		na[1]	--	na[1]	na[1]	
MW-703	10/7/2005		12.18	--	17.75	None	
MW-703	11/4/2005		10.79	--	19.14	None	
MW-703	12/2/2005		10.65	--	19.28	None	
MW-703	1/10/2006		10.79	--	19.14	None	
MW-703	2/15/2006		11.11	--	18.82	None	
MW-703	3/14/2006		12.50	--	17.43	None	
MW-703	4/28/2006		Could not locate well		na[1]	Well covered by rocks	

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-704		30.12					
MW-704	11/2/2004		6.55	--	23.57	None	
MW-704	12/3/2004		3.45	--	26.67	None	
MW-704	1/5/2005		na	--	na	na	
MW-704	2/2/2005		na	--	na	na	
MW-704	3/2/2005		5.76	--	24.36	None	
MW-704	4/8/2005		2.24	--	27.88	None	
MW-704	5/6/2005		5.04	--	25.08	None	
MW-704	6/8/2005		5.88	--	24.24	None	
MW-704	7/1/2005		7.58	--	22.54	None	
MW-704	8/1/2005		9.10	--	21.02	None	
MW-704	9/2/2005		4.95	--	25.17	None	
MW-704	10/7/2005		5.81	--	24.31	None	
MW-704	11/4/2005		4.11	--	26.01	None	
MW-704	12/2/2005		3.35	--	26.77	None	
MW-704	1/10/2006		4.23	--	25.89	None	
MW-704	2/15/2006		4.42	--	25.70	None	
MW-704	3/14/2006		7.34	--	22.78	None	
MW-704	4/28/2006		8.46	--	21.66	None	
MW-704	11/20/2006		7.71	--	22.41	None	
MW-704	12/4/2006		7.73	--	22.39	None	
MW-704	4/3/2007		7.25	--	22.87	None	
MW-704	4/19/2007		5.22	--	24.90	None	
MW-704	4/30/2007		6.37	--	23.75	None	
MW-704	6/19/2007		9.79	--	20.33	None	
MW-704	8/23/2007		10.72	--	19.40	None	
MW-704	9/13/2007		na		na	na	
MW-704	9/27/2007		10.61	--	19.51	None	
MW-704	2/4/2008		7.85	--	22.27	None	
MW-704	4/17/2008		8.17	--	21.95	None	
MW-704	4/24/2008		8.89	--	21.23	None	
MW-704	5/2/2008		8.12	--	22.00	None	
MW-704	5/8/2008		8.41	--	21.71	None	
MW-704	5/16/2008		8.46	--	21.66	None	
MW-704	5/22/2008		8.01	--	22.11	None	
MW-704	5/30/2008		8.74	--	21.38	None	
MW-704	6/6/2008		9.58	--	20.54	None	
MW-704	6/13/2008		9.98	--	20.14	None	
MW-704	6/20/2008		10.90	--	19.22	None	
MW-704	6/26/2008		9.72	--	20.40	None	
MW-704	7/14/2008		10.79	--	19.33	None	
MW-704	7/25/2008		9.80	--	20.32	None	
MW-704	8/8/2008		8.38	--	21.74	None	
MW-704	8/20/2008		9.00	--	21.12	None	
MW-704	9/3/2008		10.94	--	19.18	None	
MW-704	9/18/2008		7.40	--	22.72	None	
MW-704	11/17/2008		9.63	--	20.49	None	
MW-704	12/12/2008		8.26	--	21.86	None	
MW-704	1/14/2009		6.83	--	23.29	None	
MW-704	2/18/2009		8.32	--	21.80	None	
MW-704	3/19/2009		7.00	--	23.12	None	
MW-704	4/16/2009		6.40	--	23.72	None	
MW-704	5/29/2009		7.82	--	22.30	None	
MW-704	9/10/2009		8.52	--	21.60	None	
MW-704	12/1/2009		7.93	--	22.19	None	
MW-704	1/19/2010		8.58	--	21.54	None	
MW-704	3/22/2010		6.23	--	23.89	None	
MW-704	6/25/2010		8.14	--	21.98	None	
MW-704	1/4/2011		9.50	--	20.62	None	
MW-704	3/2/2011		6.17	--	23.95	None	

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-711		29.68					
MW-711	4/3/2007		12.16	11.83	17.52	0.33	17.81
MW-711	4/10/2007		11.90	11.74	17.78	0.26	18.01
MW-711	4/19/2007		10.31	10.07	19.37	0.24	19.58
MW-711	4/30/2007		10.90	11.07	18.78	0.17	18.93
MW-711	6/19/2007		14.56	13.71	15.12	0.85	15.86
MW-711	8/23/2007		14.68	sheen	15.00	sheen	15.00
MW-711	9/13/2007		14.20	13.70	15.48	0.5	15.91
MW-711	9/27/2007		16.56	14.91	13.12	1.65	14.55
MW-711	10/3/2007		16.93	15.3	12.75	1.63	14.16
MW-711	2/4/2008		13.73	12.18	15.95	1.55	17.29
MW-711	4/17/2008		13.36	11.91	16.32	1.45	17.58
MW-711	4/24/2008		13.81	12.53	15.87	1.28	16.98
MW-711	5/2/2008		12.57	11.19	17.11	1.38	18.31
MW-711	5/8/2008		13.05	11.9	16.63	1.15	17.63
MW-711	5/16/2008		13.17	12.16	16.51	1.01	17.38
MW-711	5/22/2008		11.75	11.57	17.93	0.18	18.09
MW-711	5/30/2008		12.77	12.73	16.91	0.04	16.94
MW-711	6/6/2008		13.40	13.38	16.28	0.02	16.30
MW-711	6/13/2008		13.63	13.61	16.05	0.02	16.07
MW-711	6/20/2008		13.13	13.12	16.55	0.01	16.56
MW-711	6/26/2008		12.75	12.74	16.93	0.01	16.94
MW-711	7/14/2008		14.14	14.11	15.54	0.03	15.57
MW-711	7/25/2008		10.38	10.35	19.30	0.03	19.33
MW-711	8/8/2008		12.85	12.84	16.83	0.01	16.84
MW-711	8/20/2008		13.54	13.49	16.14	0.05	16.18
MW-711	9/3/2008		14.74	14.68	14.94	0.06	14.99
MW-711	9/18/2008		11.82	11.77	17.86	0.05	17.90
MW-711	11/17/2008		13.55	13.51	16.13	0.04	16.16
MW-711	12/12/2008		11.76	11.66	17.92	0.10	18.01
MW-711	1/14/2009		11.52	11.47	18.16	0.05	18.20
MW-711	1/29/2009	29.68					
MW-711	2/18/2009		11.68	11.64	18.00	0.04	18.03
MW-711	3/19/2009		11.10	11.03	18.58	0.07	18.64
MW-711	4/9/2009		10.31	10.23	19.37	0.08	19.44
MW-711	4/16/2009		10.65	10.58	19.03	0.07	19.09
MW-711	5/29/2009		11.22	11.02	18.46	0.20	18.63
MW-711	12/1/2009		12.10	11.69	17.58	0.41	17.94
MW-711	9/10/2009		11.51	11.13	18.17	0.38	18.50
MW-711	1/19/2010		11.91	11.63	17.77	0.28	18.01
MW-711	3/22/2010		11.16	11.06	18.52	0.10	18.61
MW-711	6/25/2010		10.35	10.25	19.33	0.10	19.42
MW-711	1/4/2011		12.15	11.83	17.53	0.32	17.81
MW-711	3/2/2011		10.72	10.21	18.96	0.51	19.40
MW-712		16.45					
MW-712	4/3/2007		0.41	--	16.04	None	
MW-712	4/19/2007		0.89	--	15.56	None	
MW-712	4/30/2007		0.06	--	16.39	None	
MW-712	6/19/2007		1.38	--	15.07	None	
MW-712	8/23/2007		2.38	--	14.07	None	
MW-712	9/13/2007		na		na	na	
MW-712	9/27/2007		2.39	--	14.06	None	
MW-712	2/4/2008		0.94	--	15.51	None	
MW-712	4/17/2008		0.80	--	15.65	None	
MW-712	4/24/2008		0.94	--	15.51	None	
MW-712	5/2/2008		0.73	--	15.72	None	
MW-712	5/8/2008		0.59	--	15.86	None	
MW-712	5/16/2008		0.88	--	15.57	None	
MW-712	5/22/2008		0.55	--	15.90	None	
MW-712	5/30/2008		1.16	--	15.29	None	
MW-712	6/6/2008		1.13	--	15.32	None	
MW-712	6/13/2008		1.41	--	15.04	None	
MW-712	6/20/2008		1.36	--	15.09	None	
MW-712	6/26/2008		1.13	--	15.32	None	
MW-712	7/14/2008		1.79	--	14.66	None	
MW-712	7/25/2008		1.04	--	15.41	None	
MW-712	8/8/2008		0.95	--	15.50	None	
MW-712	8/20/2008		1.57	--	14.88	None	
MW-712	9/3/2008		2.04	--	14.41	None	
MW-712	9/18/2008		0.84	--	15.61	None	
MW-712	11/17/2008		1.05	--	15.40	None	
MW-712	12/12/2008		0.60	--	15.85	None	
MW-712	1/14/2009		0.30	--	16.15	None	
MW-712	1/29/2009	16.45		--			
MW-712	2/18/2009		0.78	--	15.67	None	
MW-712	3/19/2009		0.21	--	16.24	None	
MW-712	4/16/2009		0.09	--	16.36	None	
MW-712	5/29/2009		0.50	--	15.95	None	
MW-712	9/10/2009		0.20	--	16.25	None	
MW-712	12/1/2009		--	--	--	--	
MW-712	1/19/2010		0.18	--	16.27	None	
MW-712	3/22/2010		--	--	--		
MW-712	6/25/2010		--	--	--		
MW-712	1/4/2011		0.24	--	16.21	None	
MW-712	3/2/2011		na		na	na	

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-717		14.26					
MW-717	4/3/2007		0.24	--	14.02	None	
MW-717	4/19/2007		0.89	--	13.37	None	
MW-717	4/30/2007		0.44	--	13.82	None	
MW-717	6/19/2007		1.36	--	12.90	None	
MW-717	8/23/2007		1.47	--	12.79	None	
MW-717	9/13/2007		na		na	na	
MW-717	9/27/2007		1.39	--	12.87	None	
MW-717	2/4/2008		0.85	--	13.41	None	
MW-717	4/17/2008		0.74	--	13.52	None	
MW-717	4/24/2008		0.92	--	13.34	None	
MW-717	5/2/2008		0.71	--	13.55	None	
MW-717	5/8/2008		0.63	--	13.63	None	
MW-717	5/16/2008		0.66	--	13.60	None	
MW-717	5/22/2008		0.45	.--	13.81	None	
MW-717	5/30/2008		1.03	--	13.23	None	
MW-717	6/6/2008		0.38	--	13.88	None	
MW-717	6/13/2008		1.17	--	13.09	None	
MW-717	6/20/2008		0.91	--	13.35	None	
MW-717	6/26/2008		0.65	--	13.61	None	
MW-717	7/14/2008		1.29	--	12.97	None	
MW-717	7/25/2008		0.20	--	14.06	None	
MW-717	8/8/2008		0.52	--	13.74	None	
MW-717	8/20/2008		1.30	--	12.96	None	
MW-717	9/3/2008		1.40	--	12.86	None	
MW-717	9/18/2008		0.65	--	13.61	None	
MW-717	11/17/2008		0.58	--	13.68	None	
MW-717	12/12/2008		0.00	--	14.26	None	
MW-717	1/14/2009		0.15	--	14.11	None	
MW-717	2/18/2009		0.77	--	13.49	None	
MW-717	4/16/2009		0.78	--	13.48	None	
MW-717	5/29/2009		0.19	--	14.07	None	
MW-717	9/10/2009		nm	--		None	
MW-717	12/1/2009		0.43	--	13.83	None	
MW-717	1/19/2010		0.15	--	14.11	None	
MW-717	3/22/2010		0.62	--	13.64	None	
MW-717	6/25/2010		0.91	--	13.35	None	
MW-717	1/4/2011		0.63	--	13.63	None	
MW-717	3/2/2011		0.34	--	13.92	None	
MW-719		29.38					
MW-719	4/19/2007		9.51	--	19.87	None	
MW-719	4/30/2007		10.62	--	18.76	None	
MW-719	6/19/2007		13.77	--	15.61	None	
MW-719	8/23/2007		15.04	--	14.34	None	
MW-719	9/13/2007		na		na	na	
MW-719	9/27/2007		15.25	--	14.13	None	
MW-719	2/4/2008		12.45	--	16.93	None	
MW-719	4/17/2008		10.41	--	18.97	None	
MW-719	4/24/2008		11.60	--	17.78	None	
MW-719	5/2/2008		12.02	--	17.36	None	
MW-719	5/8/2008		12.21	--	17.17	None	
MW-719	5/16/2008		12.26	--	17.12	None	
MW-719	5/22/2008		12.31	--	17.07	None	
MW-719	5/30/2008		12.39	--	16.99	None	
MW-719	6/6/2008		13.36	--	16.02	None	
MW-719	6/13/2008		13.59	--	15.79	None	
MW-719	6/20/2008		13.42	--	15.96	None	
MW-719	6/26/2008		13.37	--	16.01	None	
MW-719	7/14/2008		14.28	--	15.10	None	
MW-719	7/25/2008		12.04	--	17.34	None	
MW-719	8/8/2008		13.20	--	16.18	None	
MW-719	8/20/2008		13.41	--	15.97	None	
MW-719	9/3/2008		14.68	--	14.70	None	
MW-719	9/18/2008		13.05	--	16.33	None	
MW-719	11/17/2008		13.70	--	15.68	None	
MW-719	12/12/2008		13.05	--	16.33	None	
MW-719	1/14/2009		10.38	--	19.00	None	
MW-719	1/29/2009	29.38					
MW-719	2/18/2009		10.57	--	18.81	None	
MW-719	3/19/2009		10.51	--	18.87	None	
MW-719	4/16/2009		10.41	--	18.97	None	
MW-719	5/29/2009		10.59	--	18.79	None	
MW-719	9/10/2009		10.73	--	18.65	None	
MW-719	12/1/2009		10.65	--	18.73	None	
MW-719	1/19/2010		10.53	--	18.85	None	
MW-719	3/22/2010		11.26	--	18.12	None	
MW-719	6/25/2010		11.38	--	18.00	None	
MW-719	1/4/2011		11.28	--	18.10	None	
MW-719	3/2/2011		10.99	--	18.39	None	

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-720		29.69					
MW-720	4/19/2007		10.74	10.64	18.95	0.10	19.04
MW-720	4/30/2007		11.81	11.90	17.88	0.09	17.96
MW-720	6/19/2007		14.03	13.94	15.66	0.09	15.74
MW-720	8/23/2007		15.15	Sheen	14.54	Sheen	14.54
MW-720	9/13/2007		14.30	14.20	15.39	0.10	15.48
MW-720	9/27/2007		15.68	15.47	14.01	0.21	14.19
MW-720	10/3/2007		16.11	15.84	13.58	0.27	13.81
MW-720	2/4/2008		12.77	--	16.92	None	
MW-720	4/17/2008		12.33	12.18	17.36	0.15	17.49
MW-720	4/24/2008		12.48	12.30	17.21	0.18	17.37
MW-720	5/2/2008		12.45	12.40	17.24	0.05	17.28
MW-720	5/8/2008		12.77	12.67	16.92	0.10	17.01
MW-720	5/16/2008		12.77	--	16.92	None	
MW-720	5/22/2008		12.61	12.6	17.08	0.01	17.09
MW-720	5/30/2008		12.64	12.63	17.05	0.01	17.06
MW-720	6/6/2008		13.87	13.82	15.82	0.05	15.86
MW-720	6/13/2008		13.97	13.95	15.72	0.02	15.74
MW-720	6/20/2008		13.89	13.86	15.80	0.03	15.83
MW-720	6/26/2008		13.67	13.64	16.02	0.03	16.05
MW-720	7/14/2008		14.81	14.57	14.88	0.24	15.09
MW-720	7/25/2008		13.83	13.82	15.86	0.01	15.87
MW-720	8/8/2008		13.30	13.29	16.39	0.01	16.40
MW-720	8/20/2008		13.40	13.40	16.29	0.00	16.29
MW-720	9/3/2008		15.02	14.91	14.67	0.11	14.77
MW-720	9/18/2008		13.23	13.22	16.46	0.01	16.47
MW-720	11/17/2008		13.99	13.98	15.70	0.01	15.71
MW-720	12/12/2008		13.60	13.59	16.09	0.01	16.10
MW-720	1/14/2009		11.13	11.12	18.56	0.01	18.57
MW-720	1/29/2009	29.69					
MW-720	2/18/2009		10.78	--	18.91	None	
MW-720	3/19/2009		10.66	--	19.03	None	
MW-720	4/9/2009		10.65	--	19.04	None	
MW-720	4/16/2009		9.91	--	19.78	None	
MW-720	5/29/2009		10.00	--	19.69	None	
MW-720	9/10/2009		10.34	--	19.35	None	
MW-720	12/1/2009		10.32		19.37	None	
MW-720	1/19/2010		10.27	--	19.42	None	
MW-720	3/22/2010		10.99	--	18.70	None	
MW-720	6/25/2010		11.05	--	18.64	None	
MW-720	1/4/2011		11.30	--	18.39	None	
MW-720	3/2/2011		11.04	--	18.65	None	
MW-721		30.08					
MW-721	4/19/2007		8.78	--	21.30	None	
MW-721	4/30/2007		8.02	--	22.06	None	
MW-721	6/19/2007		9.88	--	20.20	None	
MW-721	8/23/2007		11.40	--	18.68	None	
MW-721	9/13/2007		10.72	--	19.36	None	
MW-721	9/27/2007		12.61	--	17.47	None	
MW-721	2/4/2008		10.39	--	19.69	None	
MW-721	4/17/2008		10.27	--	19.81	None	
MW-721	4/24/2008		10.06	--	20.02	None	
MW-721	5/2/2008		9.06	--	21.02	None	
MW-721	5/8/2008		9.30	--	20.78	None	
MW-721	5/16/2008		9.30	--	20.78	None	
MW-721	5/22/2008		7.95	--	22.13	None	
MW-721	5/30/2008		9.13	--	20.95	None	
MW-721	6/6/2008		10.68	--	19.40	None	
MW-721	6/13/2008		11.04	--	19.04	None	
MW-721	6/20/2008		9.48	--	20.60	None	
MW-721	6/26/2008		9.20	--	20.88	None	
MW-721	7/14/2008		11.85	--	18.23	None	
MW-721	7/25/2008		7.66	--	22.42	None	
MW-721	8/8/2008		8.58	--	21.50	None	
MW-721	8/20/2008		--	--	--	--	
MW-721	9/3/2008		11.96	--	18.12	None	
MW-721	9/18/2008		8.17	--	21.91	None	
MW-721	11/17/2008		--	--	--	--	
MW-721	12/12/2008		--	--	--	--	
MW-721R	1/29/2009	29.72					
MW-721R	1/15/2009		8.81	--	20.91	None	
MW-721R	2/18/2009		10.57	--	19.15	None	
MW-721R	3/19/2009		5.83	--	23.89	None	
MW-721R	4/16/2009		5.97	--	23.75	None	
MW-721R	5/29/2009		6.99	--	22.73	None	
MW-721R	9/10/2009		7.75	--	21.97	None	
MW-721R	12/1/2009		6.82	--	22.90	None	
MW-721R	1/19/2010		6.62	--	23.10	None	
MW-721R	3/22/2010		6.35	--	23.37	None	
MW-721R	6/25/2010		7.06	--	22.66	None	
MW-721R	1/4/2011		7.54	--	22.18	None	
MW-721R	3/2/2011		6.36	--	23.36	None	
MW-722S		41.95					
MW-722S	9/27/2007		24.47	--	17.48	None	
MW-722S	5/8/2008		18.83	--	23.12	None	

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-722D		42.21					
MW-722D	9/27/2007		26.25	--	15.96	None	
MW-722D	5/8/2008		19.83	--	22.38	None	
MW-723S		32.82					
MW-723S	9/27/2007		16.94	--	15.88	None	
MW-723S	10/3/2007		17.48	--	15.34	None	
MW-723S	2/4/2008		16.25	--	16.57	None	
MW-723S	4/17/2008		15.02	--	17.80	None	
MW-723S	4/24/2008		15.15	--	17.67	None	
MW-723S	5/2/2008		15.20	--	17.62	None	
MW-723S	5/8/2008		14.95	--	17.87	None	
MW-723S	5/16/2008		15.09	--	17.73	None	
MW-723S	5/22/2008		15.15	--	17.67	None	
MW-723S	5/30/2008		15.43	--	17.39	None	
MW-723S	6/6/2008		15.61	--	17.21	None	
MW-723S	6/13/2008		--	--	--	--	
MW-723S	6/20/2008		15.81	--	17.01	None	
MW-723S	6/26/2008		15.75	--	17.07	None	
MW-723S	7/14/2008		16.17	--	16.65	None	
MW-723S	7/25/2008		16.62	--	16.20	None	
MW-723S	8/8/2008		16.23	--	16.59	None	
MW-723S	8/20/2008		16.48	--	16.34	None	
MW-723S	9/3/2008		16.76	--	16.06	None	
MW-723S	9/18/2008		16.40	--	16.42	None	
MW-723S	11/17/2008		15.55	--	17.27	None	
MW-723S	12/12/2008		15.19	;'--	17.63	None	
MW-723S	1/14/2009		14.56	--	18.26	None	
MW-723S	1/29/2009	32.82					
MW-723S	2/18/2009		14.88	--	17.94	None	
MW-723S	3/19/2009		14.53	--	18.29	None	
MW-723S	4/16/2009		14.08	--	18.74	None	
MW-723S	5/29/2009		13.50	--	19.32	None	
MW-723S	12/1/2009		--	--	--	--	
MW-723S	9/10/2009		14.90	--	17.92	None	
MW-723S	1/19/2010		14.52	--	18.30	None	
MW-723S	3/22/2010		13.09	--	19.73	None	
MW-723S	6/25/2010		14.68	--	18.14	None	
MW-723D		32.91					
MW-723D	9/27/2007		18.51	--	14.40	None	
MW-723D	10/3/2007		18.59	--	14.32	None	
MW-723D	2/4/2008		17.11	--	15.80	None	
MW-723D	4/17/2008		16.30	--	16.61	None	
MW-723D	4/24/2008		16.50	--	16.41	None	
MW-723D	5/2/2008		16.41	--	16.50	None	
MW-723D	5/8/2008		16.28	--	16.63	None	
MW-723D	5/16/2008		16.42	--	16.49	None	
MW-723D	5/22/2008		16.36	--	16.55	None	
MW-723D	5/30/2008		16.70	--	16.21	None	
MW-723D	6/6/2008		16.84	--	16.07	None	
MW-723D	6/13/2008		16.97	--	15.94	None	
MW-723D	6/20/2008		16.98	--	15.93	None	
MW-723D	6/26/2008		16.88	--	16.03	None	
MW-723D	7/14/2008		17.36	--	15.55	None	
MW-723D	7/25/2008		17.29	--	15.62	None	
MW-723D	8/8/2008		17.12	--	15.79	None	
MW-723D	8/20/2008		17.45	--	15.46	None	
MW-723D	9/3/2008		17.71	--	15.20	None	
MW-723D	9/18/2008		17.08	--	15.83	None	
MW-723D	11/17/2008		16.85	--	16.06	None	
MW-723D	12/12/2008		16.40	--	16.51	None	
MW-723D	1/14/2009		16.00	--	16.91	None	
MW-723D	1/29/2009	32.91					
MW-723D	2/18/2009		16.34	--	16.57	None	
MW-723D	3/19/2009		15.90	--	17.01	None	
MW-723D	4/16/2009		15.60	--	17.31	None	
MW-723D	5/29/2009		15.37	--	17.54	None	
MW-723D	9/10/2009		15.76	--	17.15	None	
MW-723D	1/19/2010		15.99	--	16.92	None	
MW-723D	3/22/2010		14.90	--	18.01	None	
MW-723D	6/25/2010		16.23	--	16.68	None	

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-900		13.98					
MW-900	3/2/2005		0.10	--	13.88	None	
MW-900	4/8/2005		0.10	--	13.88	None	
MW-900	5/6/2005		0.10	--	13.88	None	
MW-900	6/8/2005		0.15	--	13.83	None	
MW-900	7/1/2005		0.90	--	13.08	None	Sheen
MW-900	8/1/2005		1.97	--	12.01	None	
MW-900	9/2/2005		0.31	--	13.67	None	
MW-900	10/7/2005		0.32	--	13.66	None	
MW-900	10/14/2005		0.00	--	13.98	None	
MW-900	11/4/2005		-0.10*	--	14.08	None	
MW-900	12/2/2005		0.07	--	13.91	None	
MW-900	1/10/2006		0.07	--	13.91	None	
MW-900	2/15/2006		0.08	--	13.90	None	
MW-900	3/14/2006		0.14	--	13.84	None	
MW-900	4/28/2006		0.65	--	13.33	None	
MW-900	11/20/2006		0.04	--	13.94	None	
MW-900	12/4/2006		0.00	--	13.98	None	
MW-900	4/3/2007		0.04	--	13.94	None	
MW-900	4/19/2007		na	--	na	None	
MW-900	4/30/2007		0.09	--	13.89	None	
MW-900	6/19/2007		1.04	--	12.94	None	
MW-900	8/23/2007		1.58	--	12.40	None	
MW-900	9/13/2007		0.80	--	13.18	None	
MW-900	9/27/2007		1.69	--	12.29	None	
MW-900	2/4/2008		Well under water (puddle)	--	na	na	
MW-900	4/17/2008		0.15	--	13.83	None	
MW-900	4/24/2008		0.45	--	13.53	None	
MW-900	5/2/2008		--	--	--	None	
MW-900	5/8/2008		--	--	--	--	
MW-900	5/16/2008		0.11	--	13.87	None	
MW-900	5/22/2008		0.20	--	13.78	None	
MW-900	5/30/2008		0.75	--	13.23	None	
MW-900	6/6/2008		--	--	--	--	
MW-900	6/13/2008		1.08	--	12.90	None	
MW-900	6/20/2008		0.84	--	13.14	None	
MW-900	6/26/2008		0.70	--	13.28	None	
MW-900	7/14/2008		1.58	--	12.40	None	
MW-900	7/25/2008		NM	--	NA	None	
MW-900	8/8/2008		--	--	--	--	
MW-900	8/20/2008		0.97	--	13.01	None	
MW-900	9/3/2008		1.58	--	12.40	None	
MW-900	9/18/2008		0.20	--	13.78	None	
MW-900	11/17/2008		0.10	--	13.88	None	
MW-900	12/12/2008		--	--	--	--	
MW-900	1/14/2009		0.20	--	13.78	None	
MW-900	2/18/2009		0.26	--	13.72	None	
MW-900	3/19/2009		0.23	--	13.75	None	
MW-900	4/16/2009		--	--	--	--	
MW-900	5/29/2009		--	--	--	--	
MW-900	9/10/2009		0.57		13.41	None	
		* - negative value indicates that groundwater table was above top of PVC riser					
MW-900	12/1/2009		0.17	--	13.81	None	
MW-900	1/19/2010		*	--		None	
MW-900	3/22/2010		--	--	--		
MW-900	6/25/2010		0.35	--	13.63	None	
MW-900	1/4/2011		na		na	na	
MW-900	3/2/2011		na		na	na	
MW-902		14.00					
MW-902	3/2/2005		0.90	--	13.10	None	
MW-902	4/8/2005		0.60	--	13.40	None	
MW-902	5/6/2005		1.31	--	12.69	None	
MW-902	6/8/2005		1.39	--	12.61	None	
MW-902	7/1/2005		1.54	--	12.46	None	
MW-902	8/1/2005		2.02	--	11.98	None	
MW-902	9/2/2005		1.51	--	12.49	None	
MW-902	10/7/2005		1.50	--	12.50	None	
MW-902	11/4/2005		1.34	--	12.66	None	
MW-902	12/2/2005		1.11	--	12.89	None	
MW-902	1/10/2006		1.40	--	12.60	None	
MW-902	2/24/2006		1.58	--	12.42	None	
MW-902	3/14/2006		1.39	--	12.61	None	
MW-902	4/28/2006		1.70	--	12.30	None	Damaged well - possible broken casing
MW-902	11/20/2006		--	--	--	--	Well vault completely silted in NM
MW-902	12/4/2006		--	--	--	--	Well vault completely silted in NM

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-904		14.19					
MW-904	3/14/2005		1.37	--	12.82	None	
MW-904	4/8/2005		0.95	--	13.24	None	
MW-904	5/6/2005		1.47	--	12.72	None	
MW-904	6/8/2005		1.49	--	12.70	None	
MW-904	7/1/2005		1.38	--	12.81	None	
MW-904	8/1/2005		2.01	--	12.18	None	
MW-904	9/2/2005		1.58	--	12.61	None	
MW-904	10/7/2005		1.60	--	12.59	None	
MW-904	11/4/2005		1.47	--	12.72	None	
MW-904	12/2/2005		1.28	--	12.91	None	
MW-904	1/10/2006		1.41	--	12.78	None	
MW-904	2/15/2006		1.33	--	12.86	None	
MW-904	3/14/2006		1.43	--	12.76	None	
MW-904	4/28/2006		1.65	--	12.54	None	
MW-904	11/20/2006		0.43	--	13.76	None	
MW-904	12/4/2006		1.00	--	13.19	None	
MW-904	4/3/2007		1.38	--	12.81	None	
MW-904	4/19/2007		1.28	--	12.91	None	
MW-904	4/30/2007		1.33	--	12.86	None	
MW-904	6/19/2007		1.62	--	12.57	None	
MW-904	8/23/2007		1.76	--	12.43	None	
MW-904	9/13/2007		1.55	--	12.64	None	
MW-904	9/27/2007		1.83	--	12.36	None	
MW-904	2/4/2008		1.16	--	13.03	None	
MW-904	4/17/2008		1.50	--	12.69	None	
MW-904	4/24/2008		1.57	--	12.62	None	
MW-904	5/2/2008		1.41	--	12.78	None	
MW-904	5/8/2008		1.45	--	12.74	None	
MW-904	5/16/2008		1.48	--	12.71	None	
MW-904	5/22/2008		1.38	--	12.81	None	
MW-904	5/30/2008		1.56	--	12.63	None	
MW-904	6/6/2008		1.60	--	12.59	None	
MW-904	6/13/2008		1.62	--	12.57	None	
MW-904	6/20/2008		1.53	--	12.66	None	
MW-904	6/26/2008		1.44	--	12.75	None	
MW-904	7/14/2008		2.68	--	11.51	None	
MW-904	7/25/2008		1.26	--	12.93	None	
MW-904	8/8/2008		1.43	--	12.76	None	
MW-904	8/20/2008		1.58	--	12.61	None	
MW-904	9/3/2008		1.75	--	12.44	None	
MW-904	9/18/2008		1.38	--	12.81	None	
MW-904	11/17/2008		1.41	--	12.78	None	
MW-904	12/12/2008		1.04	--	13.15	None	
MW-904	1/14/2009		1.31	--	12.88	None	
MW-904	2/18/2009		1.45	--	12.74	None	
MW-904	3/19/2009		1.40	--	12.79	None	
MW-904	4/16/2009		1.37	--	12.82	None	
MW-904	5/29/2009		1.40	--	12.79	None	
MW-904	9/10/2009		1.51	--	12.68	None	
MW-904	12/1/2009		1.34	--	12.85	None	
MW-904	1/19/2010		1.30	--	12.89	None	
MW-904	3/22/2010		1.33	--	12.86	None	
MW-904	6/25/2010		1.41	--	12.78	None	
MW-904	1/4/2011		1.03	--	13.16	None	
MW-904	3/2/2011		1.30	--	12.89	None	

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-906		14.09					
MW-906	3/2/2005		2.01	--	12.08	None	
MW-906	4/8/2005		1.42	--	12.67	None	
MW-906	5/6/2005		1.86	--	12.23	None	
MW-906	6/8/2005		1.91	--	12.18	None	
MW-906	7/1/2005		1.85	--	12.24	None	
MW-906	8/1/2005		2.90	2.57	11.19	0.33	11.48
MW-906	9/2/2005		1.93	--	12.16	None	Sheen
MW-906	10/7/2005		2.02	--	12.07	None	Sheen
MW-906	11/4/2005		1.91	--	12.18	None	Sheen
MW-906	12/2/2005		1.66	--	12.43	None	
MW-906	1/10/2006		1.83	--	12.26	None	Sheen
MW-906	2/15/2006		1.86	--	12.23	None	Sheen
MW-906	3/14/2006		1.82	--	12.27	None	
MW-906	4/28/2006		2.42	--	11.67	None	
MW-906	11/20/2006		2.05	--	12.04	None	
MW-906	12/4/2006		1.78	--	12.31	None	
MW-906	4/3/2007		1.86	--	12.23	None	
MW-906	4/19/2007		1.32	--	12.77	None	
MW-906	4/30/2007		1.84	--	12.25	None	
MW-906	6/19/2007		2.27	--	11.82	None	
MW-906	8/23/2007		2.35	--	11.74	None	
MW-906	9/13/2007		1.96	--	12.13	None	
MW-906	9/27/2007		2.35	--	11.74	None	
MW-906	2/4/2008		1.75	--	12.34	None	
MW-906	4/17/2008		2.00	--	12.09	None	
MW-906	4/24/2008		2.14	--	11.95	None	
MW-906	5/2/2008		1.89	--	12.20	None	
MW-906	5/8/2008		1.92	--	12.17	None	
MW-906	5/16/2008		1.94	--	12.15	None	
MW-906	5/22/2008		1.94	--	12.15	None	
MW-906	5/30/2008		2.09	--	12.00	None	
MW-906	6/6/2008		2.09	--	12.00	None	
MW-906	6/13/2008		2.15	--	11.94	None	
MW-906	6/20/2008		2.14	--	11.95	None	
MW-906	6/26/2008		2.02	--	12.07	None	
MW-906	7/14/2008		2.30	--	11.79	None	
MW-906	7/25/2008		1.96	--	12.13	None	
MW-906	8/8/2008		1.94	--	12.15	see notes	
MW-906	8/20/2008		2.11	--	11.98	see notes	
MW-906	9/3/2008		2.28	--	11.81	see notes	
MW-906	11/17/2008		1.45	--	12.64	None	
MW-906	12/12/2008		1.81	--	12.28	None	
MW-906	1/14/2009		1.39	--	12.70	None	
MW-906	1/29/2009	14.10					
MW-906	2/18/2009		2.01	--	12.09	None	
MW-906	3/19/2009		2.73	--	11.37	None	
MW-906	4/16/2009		1.78	--	12.32	None	
MW-906	5/29/2009		1.67	--	12.43	None	
MW-906	9/10/2009		1.83	--	12.27	None	
MW-906	12/1/2009		1.51	--	12.59	None	
MW-906	1/19/2010		1.59	--	12.51	None	
MW-906	3/22/2010		1.35	--	12.75	None	
MW-906	6/25/2010		1.80	--	12.30	None	
MW-906	1/4/2011		0.67	--	13.43	None	
MW-906	3/2/2011		1.59	--	12.51	None	

Table 1
Water Level and Product Thickness Measurements
Brayton Point Station
Somerset, Massachusetts

Well Number	Date	Casing Elevation (NGVD)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (NGVD)	Product Thickness (feet)	Adjusted GW Elevation (NGVD)
MW-908		14.39					
MW-908	3/2/2005		2.47	--	11.92	None	
MW-908	4/8/2005		0.85	--	13.54	None	
MW-908	5/6/2005		1.80	--	12.59	None	
MW-908	6/8/2005		1.57	--	12.82	None	
MW-908	7/1/2005		1.92	--	12.47	None	
MW-908	8/1/2005		2.40	--	11.99	None	
MW-908	9/2/2005		2.05	--	12.34	None	
MW-908	10/7/2005		1.96	--	12.43	None	
MW-908	11/4/2005		1.68	--	12.71	None	
MW-908	12/2/2005		1.70	--	12.69	None	
MW-908	1/10/2006		1.80	--	12.59	None	
MW-908	2/15/2006		1.02	--	13.37	None	
MW-908	3/14/2006		1.63	--	12.76	None	
MW-908	4/28/2006		2.08	--	12.31	None	
MW-908	11/20/2006		1.82	--	12.57	None	
MW-908	12/4/2006		1.65	--	12.74	None	
MW-908	4/3/2007		1.59	--	12.80	None	
MW-908	4/19/2007		1.68	--	12.71	None	
MW-908	4/30/2007		1.65	--	12.74	None	
MW-908	6/19/2007		1.78	--	12.61	None	
MW-908	8/23/2007		2.08	--	12.31	None	
MW-908	9/13/2007		2.12	--	12.27	None	
MW-908	9/27/2007		2.03	--	12.36	None	
MW-908	2/4/2008		1.78	--	12.61	None	
MW-908	4/17/2008		1.82	--	12.57	None	
MW-908	4/24/2008		1.86	--	12.53	None	
MW-908	5/2/2008		1.82	--	12.57	None	
MW-908	5/8/2008		1.84	--	12.55	None	
MW-908	5/16/2008		1.88	--	12.51	None	
MW-908	5/22/2008		1.85	--	12.54	None	
MW-908	5/30/2008		1.86	--	12.53	None	
MW-908	6/6/2008		1.93	--	12.46	None	
MW-908	6/13/2008		1.91	--	12.48	None	
MW-908	6/20/2008		1.87	--	12.52	None	
MW-908	6/26/2008		1.68	--	12.71	None	
MW-908	7/14/2008		1.98	--	12.41	None	
MW-908	7/25/2008		1.60	--	12.79	None	
MW-908	8/8/2008		1.68	--	12.71	None	
MW-908	8/20/2008		1.80	--	12.59	None	
MW-908	9/3/2008		2.07	--	12.32	None	
MW-908	9/18/2008		1.68	--	12.71	None	
MW-908	11/17/2008		1.84	--	12.55	None	
MW-908	12/12/2008		1.81	--	12.58	None	
MW-908	1/14/2009		1.45	--	12.94	None	
MW-908	1/29/2009	14.40		--		None	
MW-908	2/18/2009		1.71	--	12.69	None	
MW-908	3/19/2009		NM	--			
MW-908	4/16/2009		1.55	--	12.85	None	
MW-908	5/29/2009		1.70	--	12.70	None	
MW-908	9/10/2009		1.88	--	12.52	None	
MW-908	12/1/2009		1.45	--	12.95	None	
MW-908	1/19/2010		1.46	--	12.94	None	
MW-908	3/22/2010		1.43	--	12.97	None	
MW-908	6/25/2010		1.76	--	12.64	None	
MW-908	1/4/2011		1.68	--	12.72	None	
MW-908	3/2/2011		1.20	--	13.20	None	
AST-703		24.2					
AST-703	8/23/2007		dry	--	dry	None	
AST-703	9/13/2007		22.18	--	2.02	None	
AST-703	9/27/2007		21.07	--	3.13	None	
AST-703	5/8/2008		21.72	--	2.48	None	
AST-704		21.33					
AST-704	8/23/2007		20.10	--	1.23	None	
AST-704	9/13/2007		19.86	--	1.47	None	
AST-704	9/27/2007		19.75	--	1.58	None	
AST-704	5/8/2008		18.77	--	2.56	None	
AST-708S		20.24					
AST-708S	8/23/2007		17.57	--	2.67	None	
AST-708S	9/13/2007		17.47	--	2.77	None	
AST-708S	9/27/2007		17.57	--	2.67	None	
AST-708S	10/3/2007		17.71	--	2.53	None	
AST-708D		20.29					
AST-708D	9/13/2007		17.70	--	2.59	None	
AST-708D	9/27/2007		17.79	--	2.50	None	
AST-708D	10/3/2007		17.91	--	2.38	None	
PZ-7		30.13					
PZ-7	6/8/2005		1.85	--	28.28	None	
PZ-7	7/1/2005		1.38	--	28.75	None	
PZ-7	8/1/2005		5.98	--	24.15	None	
PZ-7	9/2/2005		1.75	--	28.38	None	
PZ-7	10/7/2005		1.91	--	28.22	None	
PZ-7	11/4/2005		1.70	--	28.43	None	
PZ-7	12/2/2005		1.28	--	28.85	None	
PZ-7	1/10/2006		1.67	--	28.46	None	
PZ-7	2/15/2006		1.56	--	28.57	None	
PZ-7	3/14/2006		2.02	--	28.11	None	
PZ-7	4/28/2006		2.06	--	28.07	None	

Note:
All depths in feet below inner casing.
Monitoring wells MW-900, MW-902, MW-906 & MW-908 installed in February 2005.
Monitoring wells MW-619R, MW-701R, MW-711 installed in March 2007.
Monitoring well MW-622 abandoned on April 8, 2005.
Monitoring well MW-619, MW-701, MW-702, MW-703, and PZ-07 abandoned in September 2006.
Monitoring well MW-619R was destroyed in
Monitoring wells MW-732S and MW-723D abandoned in November 2010.
NGVD based on Tibbets Enginering Corp. surveys
na : no measurement recorded on this date.
-- : No product was detected.

Table 2: Groundwater Analytical Results - 2005-2011
Brayton Point Station
Somerset, Massachusetts

Analysis	Analyte	Sample Location:		**AST-708D**	**AST-708S**	**MW-619***						**MW-619R**		
		Data sampled:		09/26/07	09/26/07	03/24/05	06/08/05	09/27/05	12/14/05	03/14/06	06/13/06	04/05/07	06/20/07	09/27/07
		GW-2	GW-3											
VPH														
(ug/L)	C9-C10 Aromatic Hydrocarbons	7,000	50,000	50 U	50.0 U	100 U	100 U	100 U	50 U	50 U	50 U	50.0 U	50 U	50.0 U
	C5-C8 Aliphatic Hydrocarbons	3,000	50,000	50 U	50.0 U	200 U	200 U	200 U	50 U	50 U	50 U	50.0 U	50 U	50.0 U
	C9-C12 Aliphatic Hydrocarbons	5,000	50,000	50 U	50.0 U	100 U	100 U	100 U	50 U	50 U	50 U	50.0 U	50 U	50.0 U
	Benzene	2,000	10,000	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.00 U	2.0 U	2.0 U
	Toluene	50,000	40,000	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.00 U	2.0 U	2.0 U
	Ethylbenzene	20,000	5,000	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.00 U	2.0 U	2.0 U
	p/m-Xylene	9,000	5,000	2.0 U	2.0 U	10 U	10 U	10 U	2.0 U	2.0 U	2.0 U	2.00 U	2.0 U	2.0 U
	o-Xylene	9,000	5,000	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.00 U	2.0 U	2.0 U
	Methyl tert-butyl ether (MTBE)	50,000	50,000	3.0 U	3.0 U	5.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.00 U	3.0 U	3.0 U
	Naphthalene	1,000	20,000	10.0 U	10.0 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10 U	10.0 U
EPH														
(ug/L)	C9-C18 Aliphatics	5,000	50,000	106 U	104 U	31 U	31 U	31 U	116 U	104 U	105 U	104 U	102 U	102 U
	C19-C36 Aliphatics	NS	50,000	106 U	104 U	42 U	41 U	42 U	116 U	104 U	105 U	104 U	102 U	102 U
	C11-C22 Aromatics	50,000	5,000	106 U	104 U	88 U	87 U	88 U	116 U	104 U	105 U	104 U	102 U	102 U
	Naphthalene	1,000	20,000	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	2-Methylnaphthalene	2,000	20,000	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Acenaphthylene	10,000	40	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Acenaphthene	NS	6,000	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Fluorene	NS	40	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Phenanthrene	NS	10,000	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Anthracene	NS	30	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Fluoranthene	NS	200	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Pyrene	NS	20	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Benzo(a)anthracene	NS	1,000	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Chrysene	NS	70	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Benzo(b)fluoranthene	NS	400	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Benzo(k)fluoranthene	NS	100	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Benzo(a)pyrene	NS	500	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.200 U	10.2 U	10.2 U
	Indeno(1,2,3-cd)pyrene	NS	100	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Dibenzo(a,h)anthracene	NS	40	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U
	Benzo(g,h,i)perylene	NS	20	10.6 U	10.4 U	5.2 U	5.1 U	5.2 U	11.6 U	10.4 U	10.5 U	0.417 U	10.2 U	10.2 U

Notes:
All units in ug/L unless otherwise specified.
ug/L - micrograms per liter
NS - No listed standards exist for this compound.
U - Compound was not detected at specified quantitation limit.
Values in **Bold** indicate the compound was detected.
EPH - Extractable Petroleum Hydrocarbons
VPH - Volatile Petroleum Hydrocarbons
* - Monitor well abandonded September 2006.
** - Monitor well MW-902 has cracked casing and is silted in.

Table 2: Groundwater Analytical Results - 2005-2011
Brayton Point Station
Somerset, Massachusetts

Analysis	Analyte	Sample Location:		MW-627R				MW-628								
			Data sampled:	04/03/07	06/19/07	09/27/07	01/19/10	03/22/05	06/09/05	06/09/05	09/28/05	12/04/06	04/03/07	06/19/07	09/27/07	01/19/10
		GW-2	GW-3							Field Dup						
VPH																
(ug/L)	C9-C10 Aromatic Hydrocarbons	7,000	50,000	**136**	**56.2**	50.0 U	50.0 U	100 U	100 U	100 U	100 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
	C5-C8 Aliphatic Hydrocarbons	3,000	50,000	50.0 U	50.0 U	50.0 U	50.0 U	200 U	200 U	200 U	200 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
	C9-C12 Aliphatic Hydrocarbons	5,000	50,000	**61.3**	50.0 U	50.0 U	50.0 U	100 U	100 U	100 U	100 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
	Benzene	2,000	10,000	2.00 U	2.00 U	2.0 U	2.00 U	5.0 U	5.0 U	5.0 U	5.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	Toluene	50,000	40,000	2.00 U	2.00 U	2.0 U	2.00 U	5.0 U	5.0 U	5.0 U	5.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	Ethylbenzene	20,000	5,000	**10.0**	2.00 U	2.0 U	2.00 U	5.0 U	5.0 U	5.0 U	5.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	p/m-Xylene	9,000	5,000	2.00 U	2.00 U	2.0 U	2.00 U	10 U	10 U	10 U	10 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	o-Xylene	9,000	5,000	2.00 U	2.00 U	2.0 U	2.00 U	5.0 U	5.0 U	5.0 U	5.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	Methyl tert-butyl ether (MTBE)	50,000	50,000	3.00 U	3.00 U	3.0 U	3.00 U	5.0 U	5.0 U	5.0 U	5.0 U	3.00 U	3.00 U	3.00 U	3.0 U	3.00 U
	Naphthalene	1,000	20,000	**18.1**	10.0 U	10.0 U	10.0 U	10 U	10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
EPH																
(ug/L)	C9-C18 Aliphatics	5,000	50,000	100 U	109 U	103 U	100 U	32 U	32 U	31 U	31 U	112 U	100 U	104 U	102 U	100 U
	C19-C36 Aliphatics	NS	50,000	100 U	109 U	103 U	100 U	42 U	42 U	41 U	42 U	112 U	100 U	104 U	102 U	100 U
	C11-C22 Aromatics	50,000	5,000	100 U	**165**	103 U	100 U	90 U	90 U	88 U	88 U	112 U	**341**	104 U	102 U	100 U
	Naphthalene	1,000	20,000	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	**6.16**	10.4 U	10.2 U	10.0 U
	2-Methylnaphthalene	2,000	20,000	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	**11.3**	10.4 U	10.2 U	10.0 U
	Acenaphthylene	10,000	40	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	0.400 U	10.4 U	10.2 U	10.0 U
	Acenaphthene	NS	6,000	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	**1.23**	10.4 U	10.2 U	10.0 U
	Fluorene	NS	40	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	**1.95**	10.4 U	10.2 U	10.0 U
	Phenanthrene	NS	10,000	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	**0.892**	10.4 U	10.2 U	10.0 U
	Anthracene	NS	30	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	0.400 U	10.4 U	10.2 U	10.0 U
	Fluoranthene	NS	200	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	0.400 U	10.4 U	10.2 U	10.0 U
	Pyrene	NS	20	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	0.400 U	10.4 U	10.2 U	10.0 U
	Benzo(a)anthracene	NS	1,000	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	0.400 U	10.4 U	10.2 U	10.0 U
	Chrysene	NS	70	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	0.400 U	10.4 U	10.2 U	10.0 U
	Benzo(b)fluoranthene	NS	400	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	0.400 U	10.4 U	10.2 U	10.0 U
	Benzo(k)fluoranthene	NS	100	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	0.400 U	10.4 U	10.2 U	10.0 U
	Benzo(a)pyrene	NS	500	0.200 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.200 U	0.200 U	10.4 U	10.2 U	10.0 U
	Indeno(1,2,3-cd)pyrene	NS	100	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	0.400 U	10.4 U	10.2 U	10.0 U
	Dibenzo(a,h)anthracene	NS	40	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	0.400 U	10.4 U	10.2 U	10.0 U
	Benzo(g,h,i)perylene	NS	20	0.400 U	10.9 U	10.3 U	10.0 U	5.3 U	5.3 U	5.2 U	5.2 U	0.449 U	0.400 U	10.4 U	10.2 U	10.0 U

Notes:
All units in ug/L unless otherwise specified.
ug/L - micrograms per liter
NS - No listed standards exist for this compound.
U - Compound was not detected at specified quantitation limit.
Values in **Bold** indicate the compound was detected.
EPH - Extractable Petroleum Hydrocarbons
VPH - Volatile Petroleum Hydrocarbons
* - Monitor well abandonded September 2006.
** - Monitor well MW-902 has cracked casing and is silted in.

Table 2: Groundwater Analytical Results - 2005-2011
Brayton Point Station
Somerset, Massachusetts

Analysis	Analyte	Sample Location:		MW-629										
			Data sampled:	03/22/05	06/10/05	09/28/05	12/15/05	03/14/06	06/13/06	12/04/06	04/04/07	06/19/07	09/27/07	01/20/10
		GW-2	GW-3											
VPH														
(ug/L)	C9-C10 Aromatic Hydrocarbons	7,000	50,000	100 U	100 U	100 U	50 U	50 U	50 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
	C5-C8 Aliphatic Hydrocarbons	3,000	50,000	200 U	200 U	200 U	50 U	50 U	50 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
	C9-C12 Aliphatic Hydrocarbons	5,000	50,000	100 U	100 U	100 U	50 U	50 U	50 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
	Benzene	2,000	10,000	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	Toluene	50,000	40,000	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	Ethylbenzene	20,000	5,000	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	p/m-Xylene	9,000	5,000	10 U	10 U	10 U	2.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	o-Xylene	9,000	5,000	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	Methyl tert-butyl ether (MTBE)	50,000	50,000	5.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	3.00 U	3.00 U	3.00 U	3.0 U	3.00 U
	Naphthalene	1,000	20,000	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
EPH														
(ug/L)	C9-C18 Aliphatics	5,000	50,000	**63**	**61**	**44**	114 U	111 U	102 U	103 U	109 U	112 U	103 U	100 U
	C19-C36 Aliphatics	NS	50,000	42 U	44 U	42 U	114 U	111 U	102 U	103 U	109 U	112 U	103 U	100 U
	C11-C22 Aromatics	50,000	5,000	90 U	92 U	88 U	114 U	111 U	102 U	103 U	109 U	112 U	103 U	100 U
	Naphthalene	1,000	20,000	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	**0.615**	11.2 U	10.3 U	10.0 U
	2-Methylnaphthalene	2,000	20,000	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	**0.647**	**0.706**	11.2 U	10.3 U	10.0 U
	Acenaphthylene	10,000	40	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Acenaphthene	NS	6,000	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Fluorene	NS	40	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Phenanthrene	NS	10,000	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Anthracene	NS	30	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Fluoranthene	NS	200	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Pyrene	NS	20	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Benzo(a)anthracene	NS	1,000	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Chrysene	NS	70	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Benzo(b)fluoranthene	NS	400	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Benzo(k)fluoranthene	NS	100	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Benzo(a)pyrene	NS	500	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.200 U	0.200 U	11.2 U	10.3 U	10.0 U
	Indeno(1,2,3-cd)pyrene	NS	100	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Dibenzo(a,h)anthracene	NS	40	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U
	Benzo(g,h,i)perylene	NS	20	5.3 U	5.4 U	5.2 U	11.4 U	11.1 U	10.2 U	0.412 U	0.435 U	11.2 U	10.3 U	10.0 U

Notes:
All units in ug/L unless otherwise specified.
ug/L - micrograms per liter
NS - No listed standards exist for this compound.
U - Compound was not detected at specified quantitation limit.
Values in **Bold** indicate the compound was detected.
EPH - Extractable Petroleum Hydrocarbons
VPH - Volatile Petroleum Hydrocarbons
* - Monitor well abandonded September 2006.
** - Monitor well MW-902 has cracked casing and is silted in.

Table 2: Groundwater Analytical Results - 2005-2011
Brayton Point Station
Somerset, Massachusetts

Analysis	Analyte	Sample Location:		MW-701*			MW-701R				MW-702*				
		Data sampled:		03/23/05	03/23/05	03/14/06	04/04/07	06/20/07	09/28/07	01/20/10	03/23/05	06/08/05	09/27/05	12/14/05	06/13/06
		GW-2	GW-3		Field Dup										
VPH															
(ug/L)	C9-C10 Aromatic Hydrocarbons	7,000	50,000	**170**	**170**	**103**	50.0 U	50.0 U	50.0 U	50.0 U	100 U	100 U	100 U	50 U	50 U
	C5-C8 Aliphatic Hydrocarbons	3,000	50,000	**210**	**210**	**53.7**	50.0 U	50.0 U	50.0 U	50.0 U	200 U	200 U	200 U	50 U	50 U
	C9-C12 Aliphatic Hydrocarbons	5,000	50,000	100 U	100 U	50 U	50.0 U	50.0 U	**51.4**	50.0 U	100 U	100 U	100 U	50 U	50 U
	Benzene	2,000	10,000	5.0 U	5.0 U	2.0 U	2.00 U	2.00 U	2.0 U	2.00 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U
	Toluene	50,000	40,000	5.0 U	5.0 U	2.0 U	2.00 U	2.00 U	2.0 U	2.00 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U
	Ethylbenzene	20,000	5,000	5.0 U	5.0 U	2.0 U	2.00 U	2.00 U	2.0 U	2.00 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U
	p/m-Xylene	9,000	5,000	10 U	10 U	2.0 U	2.00 U	2.00 U	2.0 U	2.00 U	10 U	10 U	10 U	2.0 U	2.0 U
	o-Xylene	9,000	5,000	5.0 U	5.0 U	2.0 U	2.00 U	2.00 U	2.0 U	2.00 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U
	Methyl tert-butyl ether (MTBE)	50,000	50,000	5.0 U	5.0 U	3.0 U	3.00 U	3.00 U	3.0 U	3.00 U	5.0 U	5.0 U	5.0 U	3.0 U	3.0 U
	Naphthalene	1,000	20,000	**35**	**34**	**12.6**	10.0 U	10.0 U	10.0 U	10.0 U	10 U	10 U	10 U	10 U	10 U
EPH															
(ug/L)	C9-C18 Aliphatics	5,000	50,000	32 U	31 U	**591**	101 U	104 U	110 U	**249**	31 U	32 U	**70**	116 U	102 U
	C19-C36 Aliphatics	NS	50,000	43 U	42 U	**207**	101 U	104 U	110 U	100 U	42 U	43 U	**44**	116 U	102 U
	C11-C22 Aromatics	50,000	5,000	**370**	**690**	**794**	101 U	104 U	**110**	**285**	88 U	91 U	88 U	116 U	102 U
	Naphthalene	1,000	20,000	**16**	**14**	10.2 U	**0.834**	10.4 U	11.0 U	**65.5**	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	2-Methylnaphthalene	2,000	20,000	**39**	**34**	**47.7**	**1.63**	10.4 U	11.0 U	**43.9**	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Acenaphthylene	10,000	40	**7.7**	**6.8**	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Acenaphthene	NS	6,000	5.4 U	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Fluorene	NS	40	**6.5**	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Phenanthrene	NS	10,000	5.4 U	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Anthracene	NS	30	5.4 U	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Fluoranthene	NS	200	5.4 U	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Pyrene	NS	20	5.4 U	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Benzo(a)anthracene	NS	1,000	5.4 U	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Chrysene	NS	70	5.4 U	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Benzo(b)fluoranthene	NS	400	5.4 U	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Benzo(k)fluoranthene	NS	100	5.4 U	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Benzo(a)pyrene	NS	500	5.4 U	5.2 U	10.2 U	0.200 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Indeno(1,2,3-cd)pyrene	NS	100	5.4 U	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Dibenzo(a,h)anthracene	NS	40	5.4 U	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U
	Benzo(g,h,i)perylene	NS	20	5.4 U	5.2 U	10.2 U	0.404 U	10.4 U	11.0 U	10.0 U	5.2 U	5.4 U	5.2 U	11.6 U	10.2 U

Notes:
All units in ug/L unless otherwise specified.
ug/L - micrograms per liter
NS - No listed standards exist for this compound.
U - Compound was not detected at specified quantitation limit.
Values in **Bold** indicate the compound was detected.
EPH - Extractable Petroleum Hydrocarbons
VPH - Volatile Petroleum Hydrocarbons
* - Monitor well abandonded September 2006.
** - Monitor well MW-902 has cracked casing and is silted in.

Table 2: Groundwater Analytical Results - 2005-2011
Brayton Point Station
Somerset, Massachusetts

Analysis	Analyte	Sample Location:		MW-703*						MW-704							
			Data sampled:	03/24/05	06/08/05	09/27/05	12/14/05	03/14/06	06/13/06	03/24/05	06/09/05	09/27/05	06/13/06	12/04/06	04/04/07	06/20/07	09/28/07	01/19/10
		GW-2	GW-3															
VPH																		
(ug/L)	C9-C10 Aromatic Hydrocarbons	7,000	50,000	100 U	100 U	100 U	50 U	50 U	50 U	100 U	100 U	100 U	50 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
	C5-C8 Aliphatic Hydrocarbons	3,000	50,000	200 U	200 U	200 U	**105**	50 U	50 U	200 U	200 U	200 U	50 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
	C9-C12 Aliphatic Hydrocarbons	5,000	50,000	100 U	100 U	100 U	50 U	50 U	50 U	100 U	100 U	100 U	50 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
	Benzene	2,000	10,000	5.0 U	5.0 U	5.0 U	**4.44**	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	Toluene	50,000	40,000	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	Ethylbenzene	20,000	5,000	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	p/m-Xylene	9,000	5,000	10 U	10 U	10 U	2.0 U	2.0 U	2.0 U	10 U	10 U	10 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	o-Xylene	9,000	5,000	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	Methyl tert-butyl ether (MTBE)	50,000	50,000	5.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U	5.0 U	5.0 U	5.0 U	3.0 U	3.00 U	3.00 U	3.00 U	3.0 U	3.00 U
	Naphthalene	1,000	20,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
EPH																		
(ug/L)	C9-C18 Aliphatics	5,000	50,000	31 U	32 U	31 U	115 U	103 U	103 U	31 U	32 U	31 U	104 U	114 U	105 U	104 U	102 U	100 U
	C19-C36 Aliphatics	NS	50,000	42 U	43 U	42 U	115 U	103 U	103 U	42 U	43 U	42 U	104 U	114 U	105 U	104 U	102 U	100 U
	C11-C22 Aromatics	50,000	5,000	88 U	90 U	88 U	115 U	103 U	103 U	88 U	90 U	88 U	104 U	114 U	105 U	104 U	102 U	100 U
	Naphthalene	1,000	20,000	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	2-Methylnaphthalene	2,000	20,000	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Acenaphthylene	10,000	40	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Acenaphthene	NS	6,000	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Fluorene	NS	40	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Phenanthrene	NS	10,000	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Anthracene	NS	30	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Fluoranthene	NS	200	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Pyrene	NS	20	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Benzo(a)anthracene	NS	1,000	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Chrysene	NS	70	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Benzo(b)fluoranthene	NS	400	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Benzo(k)fluoranthene	NS	100	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Benzo(a)pyrene	NS	500	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.200 U	0.200 U	10.4 U	10.2 U	10.0 U
	Indeno(1,2,3-cd)pyrene	NS	100	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Dibenzo(a,h)anthracene	NS	40	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U
	Benzo(g,h,i)perylene	NS	20	5.2 U	5.3 U	5.2 U	11.5 U	10.3 U	10.3 U	5.2 U	5.3 U	5.2 U	10.4 U	0.454 U	0.421 U	10.4 U	10.2 U	10.0 U

Notes:
All units in ug/L unless otherwise specified.
ug/L - micrograms per liter
NS - No listed standards exist for this compound.
U - Compound was not detected at specified quantitation limit.
Values in **Bold** indicate the compound was detected.
EPH - Extractable Petroleum Hydrocarbons
VPH - Volatile Petroleum Hydrocarbons
* - Monitor well abandonded September 2006.
** - Monitor well MW-902 has cracked casing and is silted in.

Table 2: Groundwater Analytical Results - 2005-2011
Brayton Point Station
Somerset, Massachusetts

Analysis	Analyte	Sample Location:		MW-712			MW-717						MW-719			
		Data sampled:		04/04/07	06/20/07	09/27/07	04/04/07	06/20/07	06/20/07	09/28/07	09/28/07	01/19/10	04/30/07	06/19/07	09/28/07	01/20/10
		GW-2	GW-3						Field Dup		Field Dup					
VPH																
(ug/L)	C9-C10 Aromatic Hydrocarbons	7,000	50,000	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
	C5-C8 Aliphatic Hydrocarbons	3,000	50,000	50.0 U	50.0 U	50.0 U	**126**	**56.4**	**54.2**	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
	C9-C12 Aliphatic Hydrocarbons	5,000	50,000	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
	Benzene	2,000	10,000	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	Toluene	50,000	40,000	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	Ethylbenzene	20,000	5,000	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	p/m-Xylene	9,000	5,000	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	o-Xylene	9,000	5,000	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U
	Methyl tert-butyl ether (MTBE)	50,000	50,000	3.00 U	3.00 U	3.00 U	3.00 U	3.00 U	3.00 U	3.0 U	3.0 U	3.00 U	3.00 U	3.00 U	3.0 U	3.00 U
	Naphthalene	1,000	20,000	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
EPH																
(ug/L)	C9-C18 Aliphatics	5,000	50,000	103 U	106 U	104 U	115 U	110 U	108 U	103 U	104 U	100 U	108 U	106 U	102 U	100 U
	C19-C36 Aliphatics	NS	50,000	103 U	106 U	104 U	115 U	110 U	108 U	103 U	104 U	100 U	108 U	106 U	102 U	100 U
	C11-C22 Aromatics	50,000	5,000	103 U	106 U	104 U	**115**	110 U	108 U	103 U	104 U	100 U	108 U	106 U	102 U	100 U
	Naphthalene	1,000	20,000	0.412 U	10.6 U	10.4 U	**0.721**	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	2-Methylnaphthalene	2,000	20,000	0.412 U	10.6 U	10.4 U	0.460 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Acenaphthylene	10,000	40	0.412 U	10.6 U	10.4 U	0.460 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Acenaphthene	NS	6,000	0.412 U	10.6 U	10.4 U	0.460 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Fluorene	NS	40	0.412 U	10.6 U	10.4 U	0.460 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Phenanthrene	NS	10,000	0.412 U	10.6 U	10.4 U	**0.649**	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Anthracene	NS	30	0.412 U	10.6 U	10.4 U	0.460 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Fluoranthene	NS	200	0.412 U	10.6 U	10.4 U	**1.24**	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Pyrene	NS	20	0.412 U	10.6 U	10.4 U	**1.31**	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Benzo(a)anthracene	NS	1,000	0.412 U	10.6 U	10.4 U	0.460 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Chrysene	NS	70	0.412 U	10.6 U	10.4 U	0.460 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Benzo(b)fluoranthene	NS	400	0.412 U	10.6 U	10.4 U	0.460 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Benzo(k)fluoranthene	NS	100	0.412 U	10.6 U	10.4 U	0.460 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Benzo(a)pyrene	NS	500	0.200 U	10.6 U	10.4 U	0.200 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.200 U	10.6 U	10.2 U	10.0 U
	Indeno(1,2,3-cd)pyrene	NS	100	0.412 U	10.6 U	10.4 U	0.460 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Dibenzo(a,h)anthracene	NS	40	0.412 U	10.6 U	10.4 U	0.460 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U
	Benzo(g,h,i)perylene	NS	20	0.412 U	10.6 U	10.4 U	0.460 U	11.0 U	10.8 U	10.3 U	10.4 U	10.0 U	0.430 U	10.6 U	10.2 U	10.0 U

Notes:
All units in ug/L unless otherwise specified.
ug/L - micrograms per liter
NS - No listed standards exist for this compound.
U - Compound was not detected at specified quantitation limit.
Values in **Bold** indicate the compound was detected.
EPH - Extractable Petroleum Hydrocarbons
VPH - Volatile Petroleum Hydrocarbons
* - Monitor well abandonded September 2006.
** - Monitor well MW-902 has cracked casing and is silted in.

Table 2: Groundwater Analytical Results - 2005-2011
Brayton Point Station
Somerset, Massachusetts

Analysis	Analyte	Sample Location:		**MW-720**	**MW-721**			**MW-721R**	**MW-722D**	**MW-723D**	**MW-723S**	**MW-900**		
		Data sampled:		01/20/10	04/30/07	06/19/07	09/28/07	01/20/10	09/26/07	09/27/07	09/27/07	03/22/05	06/09/05	09/28/05
		GW-2	GW-3											
VPH														
(ug/L)	C9-C10 Aromatic Hydrocarbons	7,000	50,000	**310**	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	100 U	100 U	100 U
	C5-C8 Aliphatic Hydrocarbons	3,000	50,000	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	200 U	200 U	200 U
	C9-C12 Aliphatic Hydrocarbons	5,000	50,000	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	100 U	100 U	100 U
	Benzene	2,000	10,000	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U
	Toluene	50,000	40,000	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U
	Ethylbenzene	20,000	5,000	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U
	p/m-Xylene	9,000	5,000	**2.10**	2.00 U	2.00 U	2.0 U	2.00 U	2.0 U	2.0 U	2.0 U	10 U	10 U	10 U
	o-Xylene	9,000	5,000	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U
	Methyl tert-butyl ether (MTBE)	50,000	50,000	3.00 U	3.00 U	3.00 U	3.0 U	3.00 U	3.0 U	3.0 U	3.0 U	5.0 U	5.0 U	5.0 U
	Naphthalene	1,000	20,000	**48.8**	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10 U	10 U	10 U
EPH														
(ug/L)	C9-C18 Aliphatics	5,000	50,000	100 U	105 U	105 U	104 U	100 U	105 U	104 U	105 U	32 U	**96**	31 U
	C19-C36 Aliphatics	NS	50,000	100 U	105 U	105 U	104 U	100 U	105 U	104 U	105 U	42 U	43 U	42 U
	C11-C22 Aromatics	50,000	5,000	**566**	105 U	105 U	104 U	100 U	105 U	104 U	105 U	**130**	**250**	88 U
	Naphthalene	1,000	20,000	**28.6**	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	2-Methylnaphthalene	2,000	20,000	**102**	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Acenaphthylene	10,000	40	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Acenaphthene	NS	6,000	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Fluorene	NS	40	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Phenanthrene	NS	10,000	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Anthracene	NS	30	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Fluoranthene	NS	200	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Pyrene	NS	20	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Benzo(a)anthracene	NS	1,000	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Chrysene	NS	70	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Benzo(b)fluoranthene	NS	400	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Benzo(k)fluoranthene	NS	100	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Benzo(a)pyrene	NS	500	10.0 U	0.200 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Indeno(1,2,3-cd)pyrene	NS	100	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Dibenzo(a,h)anthracene	NS	40	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U
	Benzo(g,h,i)perylene	NS	20	10.0 U	0.421 U	10.5 U	10.4 U	10.0 U	10.5 U	10.4 U	10.5 U	5.3 U	5.3 U	5.2 U

Notes:
All units in ug/L unless otherwise specified.
ug/L - micrograms per liter
NS - No listed standards exist for this compound.
U - Compound was not detected at specified quantitation limit.
Values in **Bold** indicate the compound was detected.
EPH - Extractable Petroleum Hydrocarbons
VPH - Volatile Petroleum Hydrocarbons
* - Monitor well abandonded September 2006.
** - Monitor well MW-902 has cracked casing and is silted in.

Table 2: Groundwater Analytical Results - 2005-2011
Brayton Point Station
Somerset, Massachusetts

Analysis	Analyte	Sample Location:		MW-902**					MW-904						
		Data sampled:		03/23/05	06/10/05	09/28/05	12/15/05	03/14/06	03/23/05	06/09/05	09/28/05	12/04/06	04/05/07	09/27/07	01/19/10
		GW-2	GW-3												
VPH															
(ug/L)	C9-C10 Aromatic Hydrocarbons	7,000	50,000	**130**	100 U	100 U	50 U	50 U	100 U	100 U	100 U	50.0 U	50.0 U	50.0 U	50.0 U
	C5-C8 Aliphatic Hydrocarbons	3,000	50,000	200 U	200 U	200 U	**82.7**	**298**	200 U	200 U	200 U	50.0 U	50.0 U	50.0 U	50.0 U
	C9-C12 Aliphatic Hydrocarbons	5,000	50,000	100 U	100 U	100 U	50 U	50 U	100 U	100 U	100 U	50.0 U	50.0 U	50.0 U	50.0 U
	Benzene	2,000	10,000	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.00 U	2.00 U	2.0 U	2.00 U
	Toluene	50,000	40,000	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.00 U	2.00 U	2.0 U	2.00 U
	Ethylbenzene	20,000	5,000	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.00 U	2.00 U	2.0 U	2.00 U
	p/m-Xylene	9,000	5,000	10 U	10 U	10 U	2.0 U	2.0 U	10 U	10 U	10 U	2.00 U	2.00 U	2.0 U	2.00 U
	o-Xylene	9,000	5,000	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.00 U	2.00 U	2.0 U	2.00 U
	Methyl tert-butyl ether (MTBE)	50,000	50,000	5.0 U	5.0 U	5.0 U	3.0 U	3.0 U	5.0 U	5.0 U	5.0 U	3.00 U	3.00 U	3.0 U	3.00 U
	Naphthalene	1,000	20,000	**13**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10.0 U	10.0 U	10.0 U	10.0 U
EPH															
(ug/L)	C9-C18 Aliphatics	5,000	50,000	32 U	31 U	31 U	115 U	102 U	32 U	31 U	31 U	104 U	102 U	102 U	100 U
	C19-C36 Aliphatics	NS	50,000	42 U	41 U	42 U	115 U	102 U	42 U	41 U	42 U	104 U	102 U	102 U	100 U
	C11-C22 Aromatics	50,000	5,000	**330**	**130**	88 U	115 U	102 U	**94**	88 U	88 U	104 U	102 U	102 U	100 U
	Naphthalene	1,000	20,000	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	**0.412**	10.2 U	10.0 U
	2-Methylnaphthalene	2,000	20,000	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Acenaphthylene	10,000	40	**5.4**	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Acenaphthene	NS	6,000	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Fluorene	NS	40	**7.0**	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	**0.529**	0.408 U	10.2 U	10.0 U
	Phenanthrene	NS	10,000	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Anthracene	NS	30	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Fluoranthene	NS	200	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Pyrene	NS	20	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Benzo(a)anthracene	NS	1,000	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Chrysene	NS	70	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Benzo(b)fluoranthene	NS	400	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Benzo(k)fluoranthene	NS	100	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Benzo(a)pyrene	NS	500	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.200 U	0.200 U	10.2 U	10.0 U
	Indeno(1,2,3-cd)pyrene	NS	100	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Dibenzo(a,h)anthracene	NS	40	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U
	Benzo(g,h,i)perylene	NS	20	5.3 U	5.1 U	5.2 U	11.5 U	10.2 U	5.3 U	5.2 U	5.2 U	0.417 U	0.408 U	10.2 U	10.0 U

Notes:
All units in ug/L unless otherwise specified.
ug/L - micrograms per liter
NS - No listed standards exist for this compound.
U - Compound was not detected at specified quantitation limit.
Values in **Bold** indicate the compound was detected.
EPH - Extractable Petroleum Hydrocarbons
VPH - Volatile Petroleum Hydrocarbons
* - Monitor well abandonded September 2006.
** - Monitor well MW-902 has cracked casing and is silted in.

Table 2: Groundwater Analytical Results - 2005-2011
Brayton Point Station
Somerset, Massachusetts

Analysis	Analyte	Sample Location:		MW-906															
		Data sampled:		03/22/05	06/09/05	09/29/05	12/15/05	03/14/06	06/14/06	12/04/06	12/04/06	04/03/07	04/03/07	04/30/07	04/30/07	06/19/07	09/27/07	01/20/10	01/20/10
		GW-2	GW-3								Field Dup		Field Dup		Field Dup				Field Dup
VPH																			
(ug/L)	C9-C10 Aromatic Hydrocarbons	7,000	50,000	100 U	**560**	**420**	**436**	**418**	**527**	**221**	**252**	**347**	**386**	**533**	**587**	**352**	**392**	**353**	**385**
	C5-C8 Aliphatic Hydrocarbons	3,000	50,000	200 U	200 U	200 U	50 U	**400**	50 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	125 U	50.0 U	**54.5**	50.0 U	50.0 U
	C9-C12 Aliphatic Hydrocarbons	5,000	50,000	**150**	100 U	100 U	**190**	**92.2**	**195**	**82.4**	**90.7**	**99.8**	**118**	**53.4**	**191**	**151**	**147**	**58.5**	**56.6**
	Benzene	2,000	10,000	5.0 U	**29**	5.0 U	**2.52**	**6.70**	**6.70**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.0 U	2.00 U	2.00 U
	Toluene	50,000	40,000	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.0 U	2.00 U	2.00 U
	Ethylbenzene	20,000	5,000	5.0 U	**37**	**7.1**	**5.14**	**3.97**	**3.56**	2.00 U	2.00 U	2.00 U	2.00 U	**3.00**	5.00 U	2.00 U	2.0 U	2.00 U	2.00 U
	p/m-Xylene	9,000	5,000	10 U	**30**	10 U	**3.32**	**6.64**	**7.75**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.00 U	2.00 U	2.0 U	2.00 U	2.00 U
	o-Xylene	9,000	5,000	5.0 U	**7.3**	**5.3**	**4.67**	**7.55**	**9.43**	2.00 U	2.00 U	2.00 U	2.00 U	**4.21**	5.00 U	**2.38**	**2.24**	2.00 U	2.00 U
	Methyl tert-butyl ether (MTBE)	50,000	50,000	**28**	**11**	5.0 U	3.0 U	3.0 U	3.0 U	3.00 U	3.00 U	3.00 U	3.00 U	3.00 U	7.50 U	3.00 U	3.0 U	3.00 U	3.00 U
	Naphthalene	1,000	20,000	10 U	**110**	**41**	**36.1**	**57.4**	**72.2**	**15.9**	**16.8**	**23.8**	**23.2**	**72.5**	**77.4**	**28.2**	**33.9**	**20.7**	**20.7**
EPH																			
(ug/L)	C9-C18 Aliphatics	5,000	50,000	31 U	32 U	31 U	115 U	**731**	**294**	102 U	103 U	106 U	**1,680**	103 U	103 U	104 U	103 U	100 U	100 U
	C19-C36 Aliphatics	NS	50,000	42 U	42 U	42 U	115 U	**262**	**127**	102 U	103 U	106 U	**514**	103 U	103 U	104 U	103 U	100 U	100 U
	C11-C22 Aromatics	50,000	5,000	**120**	**520**	**310**	**433**	**1,490**	**1,080**	**367**	**452**	**671**	**2,050**	**545**	**671**	**425**	**671**	**584**	**505**
	Naphthalene	1,000	20,000	5.2 U	**51**	**16**	**13.5**	**41.9**	**37.1**	**4.87**	**4.57**	**11.0**	**8.67**	**12.0**	**23.9**	**17.4**	**19.5**	10.0 U	10.0 U
	2-Methylnaphthalene	2,000	20,000	5.2 U	**42**	**13**	**29.6**	**83.6**	**76.9**	**1.70**	**1.40**	**21.5**	**22.1**	**25.3**	**47.2**	**20.3**	**28.5**	**30.1**	**22.3**
	Acenaphthylene	10,000	40	5.2 U	**7.0**	5.2 U	11.5 U	10.2 U	10.6 U	0.408 U	0.412 U	0.426 U	0.417 U	**0.631**	**0.818**	10.4 U	10.3 U	10.0 U	10.0 U
	Acenaphthene	NS	6,000	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	**2.33**	**2.17**	**2.23**	**3.71**	**2.83**	**3.84**	10.4 U	10.3 U	10.0 U	10.0 U
	Fluorene	NS	40	5.2 U	**8.0**	**6.1**	11.5 U	10.2 U	10.6 U	**4.26**	**3.97**	**4.06**	**6.83**	**5.1**	**5.84**	10.4 U	10.3 U	10.0 U	10.0 U
	Phenanthrene	NS	10,000	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	**2.58**	**2.44**	**3.28**	**7.65**	**3.74**	**4.59**	10.4 U	10.3 U	10.0 U	10.0 U
	Anthracene	NS	30	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	0.408 U	0.412 U	0.426 U	0.417 U	0.412 U	0.412 U	10.4 U	10.3 U	10.0 U	10.0 U
	Fluoranthene	NS	200	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	0.408 U	0.412 U	0.426 U	0.417 U	0.412 U	0.412 U	10.4 U	10.3 U	10.0 U	10.0 U
	Pyrene	NS	20	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	0.408 U	0.412 U	0.426 U	**1.75**	0.412 U	0.412 U	10.4 U	10.3 U	10.0 U	10.0 U
	Benzo(a)anthracene	NS	1,000	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	0.408 U	0.412 U	0.426 U	0.417 U	0.412 U	0.412 U	10.4 U	10.3 U	10.0 U	10.0 U
	Chrysene	NS	70	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	0.408 U	0.412 U	0.426 U	0.417 U	0.412 U	0.412 U	10.4 U	10.3 U	10.0 U	10.0 U
	Benzo(b)fluoranthene	NS	400	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	0.408 U	0.412 U	0.426 U	0.417 U	0.412 U	0.412 U	10.4 U	10.3 U	10.0 U	10.0 U
	Benzo(k)fluoranthene	NS	100	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	0.408 U	0.412 U	0.426 U	0.417 U	0.412 U	0.412 U	10.4 U	10.3 U	10.0 U	10.0 U
	Benzo(a)pyrene	NS	500	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	0.204 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	10.4 U	10.3 U	10.0 U	10.0 U
	Indeno(1,2,3-cd)pyrene	NS	100	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	0.408 U	0.412 U	0.426 U	0.417 U	0.412 U	0.412 U	10.4 U	10.3 U	10.0 U	10.0 U
	Dibenzo(a,h)anthracene	NS	40	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	0.408 U	0.412 U	0.426 U	0.417 U	0.412 U	0.412 U	10.4 U	10.3 U	10.0 U	10.0 U
	Benzo(g,h,i)perylene	NS	20	5.2 U	5.3 U	5.2 U	11.5 U	10.2 U	10.6 U	0.408 U	0.412 U	0.426 U	0.417 U	0.412 U	0.412 U	10.4 U	10.3 U	10.0 U	10.0 U

Notes:
All units in ug/L unless otherwise specified.
ug/L - micrograms per liter
NS - No listed standards exist for this compound.
U - Compound was not detected at specified quantitation limit.
Values in **Bold** indicate the compound was detected.
EPH - Extractable Petroleum Hydrocarbons
VPH - Volatile Petroleum Hydrocarbons
* - Monitor well abandonded September 2006.
** - Monitor well MW-902 has cracked casing and is silted in.

Table 2: Groundwater Analytical Results - 2005-2011
Brayton Point Station
Somerset, Massachusetts

Analysis	Analyte	Sample Location:		MW-908											PZ-7*					
		Data sampled:		03/23/05	06/09/05	09/28/05	09/28/05	12/15/05	06/14/06	12/04/06	04/03/07	06/19/07	09/27/07	01/19/10	03/23/05	06/08/05	09/27/05	12/14/05	03/14/06	06/13/06
		GW-2	GW-3				Field Dup													
VPH																				
(ug/L)	C9-C10 Aromatic Hydrocarbons	7,000	50,000	**1,100**	**900**	**610**	**660**	**516**	**73.5**	**623**	**523**	**284**	**539**	**321**	**160**	**110**	100 U	50 U	50 U	50 U
	C5-C8 Aliphatic Hydrocarbons	3,000	50,000	200 U	200 U	200 U	200 U	50 U	50 U	50.0 U	50.0 U	50.0 U	**52.4**	50.0 U	200 U	200 U	200 U	50 U	50 U	50 U
	C9-C12 Aliphatic Hydrocarbons	5,000	50,000	100 U	100 U	100 U	100 U	**171**	50 U	**209**	**135**	**130**	**156**	**171**	100 U	100 U	100 U	50 U	50 U	50 U
	Benzene	2,000	10,000	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U
	Toluene	50,000	40,000	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U
	Ethylbenzene	20,000	5,000	**13**	**6.5**	**7.5**	**8.7**	**6.46**	2.0 U	**6.22**	**7.22**	**4.30**	**6.83**	**5.51**	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U
	p/m-Xylene	9,000	5,000	**38**	**28**	10 U	10 U	**4.11**	2.0 U	**5.91**	**2.64**	**2.03**	**4.64**	2.00 U	10 U	10 U	10 U	2.0 U	2.0 U	2.0 U
	o-Xylene	9,000	5,000	**47**	**32**	**5.8**	**7.8**	2.0 U	2.0 U	2.00 U	2.00 U	2.00 U	2.0 U	2.00 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U	2.0 U
	Methyl tert-butyl ether (MTBE)	50,000	50,000	**11**	5.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.00 U	3.00 U	3.00 U	3.0 U	3.00 U	5.0 U	5.0 U	5.0 U	3.0 U	3.0 U	3.0 U
	Naphthalene	1,000	20,000	**110**	**64**	**68**	**77**	**47.5**	10 U	**74.1**	**30.5**	**25.6**	**71.2**	**23.7**	**16**	10 U	10 U	10 U	10 U	10 U
EPH																				
(ug/L)	C9-C18 Aliphatics	5,000	50,000	31 U	33 U	31 U	31 U	115 U	104 U	111 U	104 U	103 U	101 U	100 U	31 U	31 U	31 U	118 U	**195**	102 U
	C19-C36 Aliphatics	NS	50,000	41 U	44 U	42 U	42 U	115 U	104 U	111 U	104 U	103 U	101 U	100 U	41 U	41 U	42 U	118 U	102 U	102 U
	C11-C22 Aromatics	50,000	5,000	**600**	**710**	**440**	**560**	**519**	**664**	**636**	**667**	**483**	**454**	**449**	**100**	**190**	88 U	118 U	**147**	102 U
	Naphthalene	1,000	20,000	**40**	**56**	**41**	**58**	**35.4**	**30.1**	**45.4**	**22.4**	**30.6**	**35.8**	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	2-Methylnaphthalene	2,000	20,000	**50**	**73**	**55**	**73**	**58.8**	**39.3**	**49.8**	**27.9**	**23.3**	**31.6**	**24.6**	5.2 U	**5.7**	5.2 U	11.8 U	10.2 U	10.2 U
	Acenaphthylene	10,000	40	**10**	**14**	**9.0**	**11**	11.5 U	10.4 U	0.444 U	0.417 U	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Acenaphthene	NS	6,000	**10**	**14**	5.2 U	5.2 U	11.5 U	10.4 U	**3.58**	**2.52**	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Fluorene	NS	40	**9.4**	**11**	**7.6**	**9.4**	11.5 U	10.4 U	**5.60**	**4.07**	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Phenanthrene	NS	10,000	5.2 U	**6.3**	**5.4**	**6.6**	11.5 U	10.4 U	**4.69**	**3.76**	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Anthracene	NS	30	5.2 U	5.5 U	5.2 U	5.2 U	11.5 U	10.4 U	0.444 U	0.417 U	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Fluoranthene	NS	200	5.2 U	5.5 U	5.2 U	5.2 U	11.5 U	10.4 U	0.444 U	0.417 U	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Pyrene	NS	20	5.2 U	5.5 U	5.2 U	5.2 U	11.5 U	10.4 U	0.444 U	0.417 U	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Benzo(a)anthracene	NS	1,000	5.2 U	5.5 U	5.2 U	5.2 U	11.5 U	10.4 U	0.444 U	0.417 U	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Chrysene	NS	70	5.2 U	5.5 U	5.2 U	5.2 U	11.5 U	10.4 U	0.444 U	0.417 U	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Benzo(b)fluoranthene	NS	400	5.2 U	5.5 U	5.2 U	5.2 U	11.5 U	10.4 U	0.444 U	0.417 U	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Benzo(k)fluoranthene	NS	100	5.2 U	5.5 U	5.2 U	5.2 U	11.5 U	10.4 U	0.444 U	0.417 U	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Benzo(a)pyrene	NS	500	5.2 U	5.5 U	5.2 U	5.2 U	11.5 U	10.4 U	0.200 U	0.200 U	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Indeno(1,2,3-cd)pyrene	NS	100	5.2 U	5.5 U	5.2 U	5.2 U	11.5 U	10.4 U	0.444 U	0.417 U	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Dibenzo(a,h)anthracene	NS	40	5.2 U	5.5 U	5.2 U	5.2 U	11.5 U	10.4 U	0.444 U	0.417 U	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U
	Benzo(g,h,i)perylene	NS	20	5.2 U	5.5 U	5.2 U	5.2 U	11.5 U	10.4 U	0.444 U	0.417 U	10.3 U	10.1 U	10.0 U	5.2 U	5.2 U	5.2 U	11.8 U	10.2 U	10.2 U

Notes:
All units in ug/L unless otherwise specified.
ug/L - micrograms per liter
NS - No listed standards exist for this compound.
U - Compound was not detected at specified quantitation limit.
Values in **Bold** indicate the compound was detected.
EPH - Extractable Petroleum Hydrocarbons
VPH - Volatile Petroleum Hydrocarbons
* - Monitor well abandonded September 2006.
** - Monitor well MW-902 has cracked casing and is silted in.

APPENDIX A
LABORATORY DATA

ANALYTICAL REPORT

Lab Number:	L1000966
Client:	TRC Environmental Consultants Wannalancit Mills 650 Suffolk Street Lowell, MA 01854
ATTN:	Dorothy McGlincy
Project Name:	BRAYTON POINT
Project Number:	158091.0010
Report Date:	02/05/10

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (2003), NJ (MA935), RI (LAO00065), ME (MA0086), PA (Registration #68-03671), USDA (Permit #S-72578), US Army Corps of Engineers, Naval FESC.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: BRAYTON POINT
Project Number: 158091.0010

Lab Number: L1000966
Report Date: 02/05/10

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1000966-01	MW-717	SOMERSET, MA	01/19/10 12:45
L1000966-02	MW-704	SOMERSET, MA	01/19/10 13:00
L1000966-03	MW-908	SOMERSET, MA	01/19/10 14:25
L1000966-04	MW-628	SOMERSET, MA	01/19/10 14:30
L1000966-05	MW-627R	SOMERSET, MA	01/19/10 15:40
L1000966-06	MW-904	SOMERSET, MA	01/19/10 15:45
L1000966-07	MW-721R	SOMERSET, MA	01/20/10 10:05
L1000966-08	MW-719	SOMERSET, MA	01/20/10 10:15
L1000966-09	MW-701R	SOMERSET, MA	01/20/10 11:40
L1000966-10	MW-720	SOMERSET, MA	01/20/10 11:50
L1000966-11	MW-629	SOMERSET, MA	01/20/10 13:10
L1000966-12	MW-906	SOMERSET, MA	01/20/10 14:30
L1000966-13	DUP-1	SOMERSET, MA	01/20/10 15:30
L1000966-14	TRIP BLANK	SOMERSET, MA	01/19/10 00:00

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A, B, C & D is required for "Presumptive Certainty" status		
A	Were all samples received by the laboratory in a condition consistent with those described on their Chain-of-Custody documentation for the data set?	YES
B	Were all QA/QC procedures required for the specified analytical methods(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	YES
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in section 2.0 of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	YES
D	VPH and EPH methods only: Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	YES

A response to questions E and F is required for "Presumptive Certainty" status		
E	Were all QC performance standards and recommendations for the specified method(s) achieved?	NO
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	YES

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name: BRAYTON POINT **Lab Number:** L1000966
Project Number: 158091.0010 **Report Date:** 02/05/10

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

For additional information, please contact Client Services at 800-624-9220.

MCP Related Narratives

EPH

In reference to question E:

The surrogate recovery for L1000966-05 was below the acceptance criteria for Chloro-Octadecane (38%).

The surrogate recoveries for L1000966-09 were below the acceptance criteria for Chloro-Octadecane (27%) and o-Terphenyl (37%).

For both samples, the criteria was achieved upon re-extraction outside of holding time; however, the re-extraction yielded the following failing QC: Low LCS recoveries for C9-C18 Aliphatics (36%), Nonane (C9)(21%), Decane (C10)(26%) and Dodecane (C12)(34%) and a low LCSD recovery for Decane (C10)(38%).

Project Name:	BRAYTON POINT	**Lab Number:**	L1000966
Project Number:	158091.0010	**Report Date:**	02/05/10

Case Narrative (continued)

The results of both extractions are reported, along with the original QC; however, all associated compounds are considered to have a potentially low bias.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 02/05/10

ORGANICS

PETROLEUM HYDROCARBONS

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-01	Date Collected:	01/19/10 12:45
Client ID:	MW-717	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/21/10 16:07		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	ND		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	115		70-130
2,5-Dibromotoluene-FID	125		70-130

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-01	Date Collected:	01/19/10 12:45
Client ID:	MW-717	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:44
Analytical Date:	02/03/10 15:51	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	ND		ug/l	100	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	1
Naphthalene	ND		ug/l	10.0	1
2-Methylnaphthalene	ND		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-01	Date Collected:	01/19/10 12:45
Client ID:	MW-717	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	59		40-140
o-Terphenyl	71		40-140
2-Fluorobiphenyl	95		40-140
2-Bromonaphthalene	96		40-140

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-02	Date Collected:	01/19/10 13:00
Client ID:	MW-704	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/21/10 16:57		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	ND		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	112		70-130
2,5-Dibromotoluene-FID	125		70-130

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-02	Date Collected:	01/19/10 13:00
Client ID:	MW-704	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:44
Analytical Date:	02/03/10 16:29	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	ND		ug/l	100	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	1
Naphthalene	ND		ug/l	10.0	1
2-Methylnaphthalene	ND		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-02	Date Collected:	01/19/10 13:00
Client ID:	MW-704	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	54		40-140
o-Terphenyl	66		40-140
2-Fluorobiphenyl	97		40-140
2-Bromonaphthalene	101		40-140

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-03	Date Collected:	01/19/10 14:25
Client ID:	MW-908	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/21/10 17:48		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	497		ug/l	50.0	1
C9-C10 Aromatics	321		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	171		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	5.51		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	23.7		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	111		70-130
2,5-Dibromotoluene-FID	114		70-130

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-03	Date Collected:	01/19/10 14:25
Client ID:	MW-908	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:44
Analytical Date:	02/03/10 17:08	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	474		ug/l	100	1
C11-C22 Aromatics, Adjusted	449		ug/l	100	1
Naphthalene	ND		ug/l	10.0	1
2-Methylnaphthalene	24.6		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-03	Date Collected:	01/19/10 14:25
Client ID:	MW-908	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	60		40-140
o-Terphenyl	77		40-140
2-Fluorobiphenyl	103		40-140
2-Bromonaphthalene	104		40-140

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-04	Date Collected:	01/19/10 14:30
Client ID:	MW-628	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/21/10 18:39		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	ND		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	103		70-130
2,5-Dibromotoluene-FID	111		70-130

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-04	Date Collected:	01/19/10 14:30
Client ID:	MW-628	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:44
Analytical Date:	02/03/10 17:47	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	ND		ug/l	100	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	1
Naphthalene	ND		ug/l	10.0	1
2-Methylnaphthalene	ND		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-04	Date Collected:	01/19/10 14:30
Client ID:	MW-628	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	53		40-140
o-Terphenyl	53		40-140
2-Fluorobiphenyl	101		40-140
2-Bromonaphthalene	108		40-140

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-05	Date Collected:	01/19/10 15:40
Client ID:	MW-627R	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/21/10 19:30		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	ND		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	107		70-130
2,5-Dibromotoluene-FID	119		70-130

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-05	Date Collected:	01/19/10 15:40
Client ID:	MW-627R	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:44
Analytical Date:	02/03/10 18:26	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	ND		ug/l	100	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	1
Naphthalene	ND		ug/l	10.0	1
2-Methylnaphthalene	ND		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-05	Date Collected:	01/19/10 15:40
Client ID:	MW-627R	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	**38**	Q	40-140
o-Terphenyl	47		40-140
2-Fluorobiphenyl	103		40-140
2-Bromonaphthalene	108		40-140

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-05	RE	Date Collected:	01/19/10 15:40
Client ID:	MW-627R		Date Received:	01/20/10
Sample Location:	SOMERSET, MA		Field Prep:	Not Specified
Matrix:	Water		Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1		Extraction Date:	02/04/10 19:49
Analytical Date:	02/05/10 10:34		Cleanup Method1:	EPH-04-1
Analyst:	MW		Cleanup Date1:	02/05/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	128	1
C19-C36 Aliphatics	ND		ug/l	128	1
C11-C22 Aromatics	ND		ug/l	128	1
C11-C22 Aromatics, Adjusted	ND		ug/l	128	1
Naphthalene	ND		ug/l	12.8	1
2-Methylnaphthalene	ND		ug/l	12.8	1
Acenaphthylene	ND		ug/l	12.8	1
Acenaphthene	ND		ug/l	12.8	1
Fluorene	ND		ug/l	12.8	1
Phenanthrene	ND		ug/l	12.8	1
Anthracene	ND		ug/l	12.8	1
Fluoranthene	ND		ug/l	12.8	1
Pyrene	ND		ug/l	12.8	1
Benzo(a)anthracene	ND		ug/l	12.8	1
Chrysene	ND		ug/l	12.8	1
Benzo(b)fluoranthene	ND		ug/l	12.8	1
Benzo(k)fluoranthene	ND		ug/l	12.8	1
Benzo(a)pyrene	ND		ug/l	12.8	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	12.8	1
Dibenzo(a,h)anthracene	ND		ug/l	12.8	1
Benzo(ghi)perylene	ND		ug/l	12.8	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-05	RE	Date Collected:	01/19/10 15:40
Client ID:	MW-627R		Date Received:	01/20/10
Sample Location:	SOMERSET, MA		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	55		40-140
o-Terphenyl	65		40-140
2-Fluorobiphenyl	85		40-140
2-Bromonaphthalene	83		40-140

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-06	Date Collected:	01/19/10 15:45
Client ID:	MW-904	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/22/10 15:44		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	ND		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	103		70-130
2,5-Dibromotoluene-FID	93		70-130

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-06	Date Collected:	01/19/10 15:45
Client ID:	MW-904	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:44
Analytical Date:	02/03/10 19:04	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	ND		ug/l	100	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	1
Naphthalene	ND		ug/l	10.0	1
2-Methylnaphthalene	ND		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-06	Date Collected:	01/19/10 15:45
Client ID:	MW-904	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	56		40-140
o-Terphenyl	64		40-140
2-Fluorobiphenyl	95		40-140
2-Bromonaphthalene	98		40-140

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-07	Date Collected:	01/20/10 10:05
Client ID:	MW-721R	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/22/10 16:35		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	ND		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	104		70-130
2,5-Dibromotoluene-FID	95		70-130

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-07	Date Collected:	01/20/10 10:05
Client ID:	MW-721R	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:44
Analytical Date:	02/03/10 19:43	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	ND		ug/l	100	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	1
Naphthalene	ND		ug/l	10.0	1
2-Methylnaphthalene	ND		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-07	Date Collected:	01/20/10 10:05
Client ID:	MW-721R	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	58		40-140
o-Terphenyl	57		40-140
2-Fluorobiphenyl	88		40-140
2-Bromonaphthalene	101		40-140

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-08	Date Collected:	01/20/10 10:15
Client ID:	MW-719	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/22/10 17:27		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	ND		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	106		70-130
2,5-Dibromotoluene-FID	96		70-130

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-08	Date Collected:	01/20/10 10:15
Client ID:	MW-719	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:44
Analytical Date:	02/03/10 20:22	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	ND		ug/l	100	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	1
Naphthalene	ND		ug/l	10.0	1
2-Methylnaphthalene	ND		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-08	Date Collected:	01/20/10 10:15
Client ID:	MW-719	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	73		40-140
o-Terphenyl	89		40-140
2-Fluorobiphenyl	101		40-140
2-Bromonaphthalene	104		40-140

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-09	Date Collected:	01/20/10 11:40
Client ID:	MW-701R	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/22/10 18:18		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	ND		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	100		70-130
2,5-Dibromotoluene-FID	89		70-130

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-09	Date Collected:	01/20/10 11:40
Client ID:	MW-701R	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:44
Analytical Date:	02/03/10 21:01	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	249		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	395		ug/l	100	1
C11-C22 Aromatics, Adjusted	285		ug/l	100	1
Naphthalene	65.5		ug/l	10.0	1
2-Methylnaphthalene	43.9		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-09	Date Collected:	01/20/10 11:40
Client ID:	MW-701R	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	**27**	Q	40-140
o-Terphenyl	**37**	Q	40-140
2-Fluorobiphenyl	89		40-140
2-Bromonaphthalene	92		40-140

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-09	RE	Date Collected:	01/20/10 11:40
Client ID:	MW-701R		Date Received:	01/20/10
Sample Location:	SOMERSET, MA		Field Prep:	Not Specified
Matrix:	Water		Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1		Extraction Date:	02/05/10 11:04
Analytical Date:	02/05/10 15:15		Cleanup Method1:	EPH-04-1
Analyst:	MW		Cleanup Date1:	02/05/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	104	1
C19-C36 Aliphatics	ND		ug/l	104	1
C11-C22 Aromatics	ND		ug/l	104	1
C11-C22 Aromatics, Adjusted	ND		ug/l	104	1
Naphthalene	ND		ug/l	10.4	1
2-Methylnaphthalene	ND		ug/l	10.4	1
Acenaphthylene	ND		ug/l	10.4	1
Acenaphthene	ND		ug/l	10.4	1
Fluorene	ND		ug/l	10.4	1
Phenanthrene	ND		ug/l	10.4	1
Anthracene	ND		ug/l	10.4	1
Fluoranthene	ND		ug/l	10.4	1
Pyrene	ND		ug/l	10.4	1
Benzo(a)anthracene	ND		ug/l	10.4	1
Chrysene	ND		ug/l	10.4	1
Benzo(b)fluoranthene	ND		ug/l	10.4	1
Benzo(k)fluoranthene	ND		ug/l	10.4	1
Benzo(a)pyrene	ND		ug/l	10.4	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.4	1
Dibenzo(a,h)anthracene	ND		ug/l	10.4	1
Benzo(ghi)perylene	ND		ug/l	10.4	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-09	RE	Date Collected:	01/20/10 11:40
Client ID:	MW-701R		Date Received:	01/20/10
Sample Location:	SOMERSET, MA		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	67		40-140
o-Terphenyl	91		40-140
2-Fluorobiphenyl	96		40-140
2-Bromonaphthalene	94		40-140

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-10	Date Collected:	01/20/10 11:50
Client ID:	MW-720	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/22/10 21:44		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	341		ug/l	50.0	1
C9-C10 Aromatics	310		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	2.10		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	48.8		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	88		70-130
2,5-Dibromotoluene-FID	73		70-130

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-10	Date Collected:	01/20/10 11:50
Client ID:	MW-720	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:44
Analytical Date:	02/03/10 21:39	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	696		ug/l	100	1
C11-C22 Aromatics, Adjusted	566		ug/l	100	1
Naphthalene	28.6		ug/l	10.0	1
2-Methylnaphthalene	102		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-10	Date Collected:	01/20/10 11:50
Client ID:	MW-720	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	47		40-140
o-Terphenyl	69		40-140
2-Fluorobiphenyl	108		40-140
2-Bromonaphthalene	114		40-140

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-11	Date Collected:	01/20/10 13:10
Client ID:	MW-629	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/22/10 19:10		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	ND		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	105		70-130
2,5-Dibromotoluene-FID	94		70-130

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-11	Date Collected:	01/20/10 13:10
Client ID:	MW-629	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:44
Analytical Date:	02/03/10 11:14	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	ND		ug/l	100	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	1
Naphthalene	ND		ug/l	10.0	1
2-Methylnaphthalene	ND		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-11	Date Collected:	01/20/10 13:10
Client ID:	MW-629	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	43		40-140
o-Terphenyl	53		40-140
2-Fluorobiphenyl	92		40-140
2-Bromonaphthalene	98		40-140

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-12	Date Collected:	01/20/10 14:30
Client ID:	MW-906	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/22/10 20:01		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	411		ug/l	50.0	1
C9-C10 Aromatics	353		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	58.5		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	20.7		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	89		70-130
2,5-Dibromotoluene-FID	74		70-130

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-12	Date Collected:	01/20/10 14:30
Client ID:	MW-906	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:44
Analytical Date:	02/03/10 22:18	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	614		ug/l	100	1
C11-C22 Aromatics, Adjusted	584		ug/l	100	1
Naphthalene	ND		ug/l	10.0	1
2-Methylnaphthalene	30.1		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-12	Date Collected:	01/20/10 14:30
Client ID:	MW-906	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	57		40-140
o-Terphenyl	70		40-140
2-Fluorobiphenyl	97		40-140
2-Bromonaphthalene	99		40-140

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-13	Date Collected:	01/20/10 15:30
Client ID:	DUP-1	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/22/10 20:53		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	442		ug/l	50.0	1
C9-C10 Aromatics	385		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	56.6		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	20.7		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	87		70-130
2,5-Dibromotoluene-FID	73		70-130

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-13	Date Collected:	01/20/10 15:30
Client ID:	DUP-1	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	61,EPH-04-1	Extraction Date:	01/28/10 23:45
Analytical Date:	02/04/10 10:41	Cleanup Method1:	EPH-04-1
Analyst:	MW	Cleanup Date1:	02/01/10

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab					
C9-C18 Aliphatics	ND		ug/l	100	1
C19-C36 Aliphatics	ND		ug/l	100	1
C11-C22 Aromatics	528		ug/l	100	1
C11-C22 Aromatics, Adjusted	505		ug/l	100	1
Naphthalene	ND		ug/l	10.0	1
2-Methylnaphthalene	22.3		ug/l	10.0	1
Acenaphthylene	ND		ug/l	10.0	1
Acenaphthene	ND		ug/l	10.0	1
Fluorene	ND		ug/l	10.0	1
Phenanthrene	ND		ug/l	10.0	1
Anthracene	ND		ug/l	10.0	1
Fluoranthene	ND		ug/l	10.0	1
Pyrene	ND		ug/l	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	1
Chrysene	ND		ug/l	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	1

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-13	Date Collected:	01/20/10 15:30
Client ID:	DUP-1	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	49		40-140
o-Terphenyl	62		40-140
2-Fluorobiphenyl	89		40-140
2-Bromonaphthalene	93		40-140

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

SAMPLE RESULTS

Lab ID:	L1000966-14	Date Collected:	01/19/10 00:00
Client ID:	TRIP BLANK	Date Received:	01/20/10
Sample Location:	SOMERSET, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	59,VPH-04-1.1		
Analytical Date:	01/22/10 14:52		
Analyst:	RC		

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab					
C5-C8 Aliphatics	ND		ug/l	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	1
Benzene	ND		ug/l	2.00	1
Toluene	ND		ug/l	2.00	1
Ethylbenzene	ND		ug/l	2.00	1
p/m-Xylene	ND		ug/l	2.00	1
o-Xylene	ND		ug/l	2.00	1
Methyl tert butyl ether	ND		ug/l	3.00	1
Naphthalene	ND		ug/l	10.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	118		70-130
2,5-Dibromotoluene-FID	106		70-130

Project Name: BRAYTON POINT
Project Number: 158091.0010

Lab Number: L1000966
Report Date: 02/05/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 59,VPH-04-1.1
Analytical Date: 01/21/10 09:51
Analyst: RC

Parameter	Result	Qualifier	Units	RDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-05 Batch: WG397396-3				
C5-C8 Aliphatics	ND		ug/l	50.0
C9-C12 Aliphatics	ND		ug/l	50.0
C9-C10 Aromatics	ND		ug/l	50.0
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0
Benzene	ND		ug/l	2.00
Toluene	ND		ug/l	2.00
Ethylbenzene	ND		ug/l	2.00
p/m-Xylene	ND		ug/l	2.00
o-Xylene	ND		ug/l	2.00
Methyl tert butyl ether	ND		ug/l	3.00
Naphthalene	ND		ug/l	10.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	104		70-130
2,5-Dibromotoluene-FID	119		70-130

Project Name: BRAYTON POINT **Lab Number:** L1000966

Project Number: 158091.0010 **Report Date:** 02/05/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 59,VPH-04-1.1
Analytical Date: 01/22/10 10:54
Analyst: RC

Parameter	Result	Qualifier	Units	RDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 06-14 Batch: WG397594-3				
C5-C8 Aliphatics	ND		ug/l	50.0
C9-C12 Aliphatics	ND		ug/l	50.0
C9-C10 Aromatics	ND		ug/l	50.0
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0
Benzene	ND		ug/l	2.00
Toluene	ND		ug/l	2.00
Ethylbenzene	ND		ug/l	2.00
p/m-Xylene	ND		ug/l	2.00
o-Xylene	ND		ug/l	2.00
Methyl tert butyl ether	ND		ug/l	3.00
Naphthalene	ND		ug/l	10.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	99		70-130
2,5-Dibromotoluene-FID	89		70-130

Project Name: BRAYTON POINT
Project Number: 158091.0010

Lab Number: L1000966
Report Date: 02/05/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 61,EPH-04-1
Analytical Date: 02/01/10 17:39
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 01/28/10 23:44
Cleanup Method1: EPH-04-1
Cleanup Date1: 02/01/10

Parameter	Result	Qualifier	Units	RDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-13 Batch: WG398639-1				
C9-C18 Aliphatics	ND		ug/l	100
C19-C36 Aliphatics	ND		ug/l	100
C11-C22 Aromatics	ND		ug/l	100
C11-C22 Aromatics, Adjusted	ND		ug/l	100
Naphthalene	ND		ug/l	10.0
2-Methylnaphthalene	ND		ug/l	10.0
Acenaphthylene	ND		ug/l	10.0
Acenaphthene	ND		ug/l	10.0
Fluorene	ND		ug/l	10.0
Phenanthrene	ND		ug/l	10.0
Anthracene	ND		ug/l	10.0
Fluoranthene	ND		ug/l	10.0
Pyrene	ND		ug/l	10.0
Benzo(a)anthracene	ND		ug/l	10.0
Chrysene	ND		ug/l	10.0
Benzo(b)fluoranthene	ND		ug/l	10.0
Benzo(k)fluoranthene	ND		ug/l	10.0
Benzo(a)pyrene	ND		ug/l	10.0
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0
Dibenzo(a,h)anthracene	ND		ug/l	10.0
Benzo(ghi)perylene	ND		ug/l	10.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	64		40-140
o-Terphenyl	73		40-140
2-Fluorobiphenyl	86		40-140
2-Bromonaphthalene	85		40-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: BRAYTON POINT
Project Number: 158091.0010

Lab Number: L1000966
Report Date: 02/05/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-05 Batch: WG397396-1 WG397396-2								
C5-C8 Aliphatics	111		104		70-130	7		25
C9-C12 Aliphatics	110		103		70-130	7		25
C9-C10 Aromatics	94		90		70-130	4		25
Benzene	93		90		70-130	4		25
Toluene	94		90		70-130	4		25
Ethylbenzene	97		88		70-130	10		25
p/m-Xylene	94		91		70-130	2		25
o-Xylene	95		91		70-130	5		25
Methyl tert butyl ether	93		92		70-130	1		25
Naphthalene	104		103		70-130	1		25
1,2,4-Trimethylbenzene	95		90		70-130	5		25
Pentane	114		108		70-130	5		25
2-Methylpentane	111		105		70-130	6		25
2,2,4-Trimethylpentane	108		102		70-130	6		25
n-Nonane	109		101		30-130	8		25
n-Decane	113		107		70-130	5		25
n-Butylcyclohexane	109		101		70-130	8		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-05 Batch: WG397396-1 WG397396-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	112		106		70-130
2,5-Dibromotoluene-FID	124		117		70-130

Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 06-14 Batch: WG397594-1 WG397594-2

C5-C8 Aliphatics	106		103		70-130	3		25
C9-C12 Aliphatics	91		89		70-130	2		25
C9-C10 Aromatics	106		101		70-130	5		25
Benzene	99		96		70-130	3		25
Toluene	100		97		70-130	3		25
Ethylbenzene	103		99		70-130	4		25
p/m-Xylene	104		100		70-130	4		25
o-Xylene	102		99		70-130	3		25
Methyl tert butyl ether	95		92		70-130	3		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 06-14 Batch: WG397594-1 WG397594-2								
Naphthalene	107		106		70-130	1		25
1,2,4-Trimethylbenzene	105		101		70-130	4		25
Pentane	121		108		70-130	11		25
2-Methylpentane	105		102		70-130	3		25
2,2,4-Trimethylpentane	106		102		70-130	4		25
n-Nonane	106		103		30-130	3		25
n-Decane	105		102		70-130	3		25
n-Butylcyclohexane	104		101		70-130	3		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	106		104		70-130
2,5-Dibromotoluene-FID	97		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: BRAYTON POINT
Project Number: 158091.0010

Lab Number: L1000966
Report Date: 02/05/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-13 Batch: WG398639-2 WG398639-3								
C9-C18 Aliphatics	51		55		40-140	8		25
C19-C36 Aliphatics	67		69		40-140	3		25
C11-C22 Aromatics	85		80		40-140	6		25
Naphthalene	74		78		40-140	5		25
2-Methylnaphthalene	78		82		40-140	5		25
Acenaphthylene	79		81		40-140	3		25
Acenaphthene	75		78		40-140	4		25
Fluorene	77		79		40-140	3		25
Phenanthrene	83		82		40-140	1		25
Anthracene	79		78		40-140	1		25
Fluoranthene	82		78		40-140	5		25
Pyrene	82		78		40-140	5		25
Benzo(a)anthracene	80		75		40-140	6		25
Chrysene	82		77		40-140	6		25
Benzo(b)fluoranthene	82		76		40-140	8		25
Benzo(k)fluoranthene	83		75		40-140	10		25
Benzo(a)pyrene	77		70		40-140	10		25
Indeno(1,2,3-cd)Pyrene	86		78		40-140	10		25
Dibenzo(a,h)anthracene	81		74		40-140	9		25
Benzo(ghi)perylene	84		76		40-140	10		25
Nonane (C9)	40		48		30-140	18		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: BRAYTON POINT
Project Number: 158091.0010
Lab Number: L1000966
Report Date: 02/05/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-13 Batch: WG398639-2 WG398639-3								
Decane (C10)	48		54		40-140	12		25
Dodecane (C12)	52		57		40-140	9		25
Tetradecane (C14)	57		61		40-140	7		25
Hexadecane (C16)	60		64		40-140	6		25
Octadecane (C18)	63		66		40-140	5		25
Nonadecane (C19)	66		68		40-140	3		25
Eicosane (C20)	66		68		40-140	3		25
Docosane (C22)	67		69		40-140	3		25
Tetracosane (C24)	68		70		40-140	3		25
Hexacosane (C26)	68		70		40-140	3		25
Octacosane (C28)	66		68		40-140	3		25
Triacontane (C30)	69		71		40-140	3		25
Hexatriacontane (C36)	69		71		40-140	3		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	71		72		40-140
o-Terphenyl	108		101		40-140
2-Fluorobiphenyl	101		98		40-140
2-Bromonaphthalene	101		97		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Project Name: BRAYTON POINT
Project Number: 158091.0010

Lab Number: L1000966
Report Date: 02/05/10

Fractionation Check Standard
Quality Control

Fractionation check standard for 200818205

Parameter	% Recovery	QC Criteria
C9-C18 Aliphatics	77	40-140
C19-C36 Aliphatics	76	40-140
C11-C22 Aromatics	86	40-140
Naphthalene	82	40-140
2-Methylnaphthalene	78	40-140
Acenaphthylene	76	40-140
Acenaphthene	80	40-140
Fluorene	79	40-140
Phenanthrene	78	40-140
Anthracene	82	40-140
Fluoranthene	84	40-140
Pyrene	84	40-140
Benzo(a)anthracene	82	40-140
Chrysene	88	40-140
Benzo(b)fluoranthene	81	40-140
Benzo(k)fluoranthene	97	40-140
Benzo(a)pyrene	78	40-140
Indeno(1,2,3-cd)Pyrene	76	40-140
Dibenzo(a,h)anthracene	83	40-140
Benzo(g,h,i)perylene	82	40-140
Nonane	72	30-140
Decane	77	40-140
Dodecane	80	40-140
Tetradecane	76	40-140
Hexadecane	78	40-140
Octadecane	76	40-140
Nonadecane	75	40-140
Eicosane	77	40-140
Docosane	79	40-140
Tetracosane	83	40-140
Hexacosane	78	40-140
Octacosane	77	40-140
Triacontane	76	40-140
Hexatriacontane	75	40-140
% Naphthalene Breakthrough	0	0-5
% 2-Methylnaphthalene Breakthrough	0	0-5

Project Name: BRAYTON POINT
Project Number: 158091.0010

Lab Number: L1000966
Report Date: 02/05/10

Fractionation Check Standard
Quality Control

Fractionation check standard for 200818205

Surrogate	% Recovery	QC Criteria
Chloro-Octadecane	66	40-140
o-Terphenyl	83	40-140
2-Fluorobiphenyl	75	40-140
2-Bromonaphthalene	76	40-140

Project Name: BRAYTON POINT
Project Number: 158091.0010

Lab Number: L1000966
Report Date: 02/05/10

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis
L1000966-01A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-01B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-01C	Amber 1000ml HCl preserved	A	<2	3	Y	Absent	EPH-DELUX-04(14)
L1000966-01D	Amber 1000ml HCl preserved	A	<2	3	Y	Absent	EPH-DELUX-04(14)
L1000966-02A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-02B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-02C	Amber 1000ml HCl preserved	A	<2	3	Y	Absent	EPH-DELUX-04(14)
L1000966-02D	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-03A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-03B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-03C	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-03D	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-04A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-04B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-04C	Amber 1000ml HCl preserved	A	<2	3	Y	Absent	EPH-DELUX-04(14)
L1000966-04D	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-05A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-05B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-05C	Amber 1000ml HCl preserved	A	<2	3	Y	Absent	EPH-DELUX-04(14)
L1000966-05D	Amber 1000ml HCl preserved	A	<2	3	Y	Absent	EPH-DELUX-04(14)
L1000966-06A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-06B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-06C	Amber 1000ml HCl preserved	A	<2	3	Y	Absent	EPH-DELUX-04(14)
L1000966-06D	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-07A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-07B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-07C	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-07D	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-08A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)

*Hold days indicated by values in parentheses

Project Name: BRAYTON POINT
Project Number: 158091.0010

Lab Number: L1000966
Report Date: 02/05/10

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis
L1000966-08B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-08C	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-08D	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-09A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-09B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-09C	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-09D	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-10A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-10B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-10C	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-10D	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-11A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-11B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-11C	Amber 1000ml HCl preserved	A	<2	3	Y	Absent	EPH-DELUX-04(14)
L1000966-11D	Amber 1000ml HCl preserved	A	<2	3	Y	Absent	EPH-DELUX-04(14)
L1000966-12A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-12B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-12C	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-12D	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-13A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-13B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-13C	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-13D	Amber 1000ml HCl preserved	B	<2	4	Y	Absent	EPH-DELUX-04(14)
L1000966-14A	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)
L1000966-14B	Vial HCl preserved	A	N/A	3	Y	Absent	VPH-DELUX-04(14)

*Hold days indicated by values in parentheses

Project Name:	BRAYTON POINT	**Lab Number:**	L1000966
Project Number:	158091.0010	**Report Date:**	02/05/10

GLOSSARY

Acronyms

EPA	· Environmental Protection Agency.
LCS	· Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	· Laboratory Control Sample Duplicate: Refer to LCS.
MS	· Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	· Matrix Spike Sample Duplicate: Refer to MS.
NA	· Not Applicable.
NC	· Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
ND	· Not detected at the reported detection limit for the sample.
NI	· Not Ignitable.
RDL	· Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	· Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	· Spectra identified as "Aldol Condensation Product".
B	· The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.
D	· Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	· Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
H	· The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
P	· The RPD between the results for the two columns exceeds the method-specified criteria.
Q	· The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RDL. (Metals only.)
R	· Analytical results are from sample re-analysis.
RE	· Analytical results are from sample re-extraction.
J	· Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

Report Format: Data Usability Report

Project Name:	BRAYTON POINT	**Lab Number:**	L1000966
Project Number:	158091.0010	**Report Date:**	02/05/10

REFERENCES

59 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH). Massachusetts Department of Environmental Protection, DEA/ORS/BWSC. May 2004, Revision 1.1.

61 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH). Massachusetts Department of Environmental Protection, DEA/ORS/BWSC. May 2004, Revision 1.1.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised January 11, 2010 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Haloacetic Acids, Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB).)
Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Calcium Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH.)
Solid Waste/Soil (Inorganic Parameters: Lead in Paint, pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), Reactivity. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Volatile Organics, Acid Extractables (Phenols), 3.3'-Dichlorobenzidine, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9221E, 9222B, 9222D, 9223B, EPA 180.1, 300.0, 353.2, SM2130B, 2320B, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B,4500NO3-F, EPA 200.7, EPA 200.8, 245.1. Organic Parameters: 504.1, 524.2, SM 6251B.)
Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, Lachat 10-107-06-1-B, SM2320B, 2340B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NH3-H, 4500NO3-F, 4500P-B.5, 4500P-E, 5210B, 5220D, 5310C, EPA 200.7, 200.8, 245.1. Organic Parameters: 608, 624.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
Drinking Water
Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl)
(EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate)
353.2 for: Nitrate-N, Nitrite-N; SM4500NO3-F, 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B.
Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics)
(504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), 314.0, 332.
Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; MF-SM9222D
Non-Potable Water
Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn)
(EPA 200.7 for: Al,Sb,As,Be,Cd,Cr,Co,Cu,Fe,Pb,Mn,Mo,Ni,Se,Ag,Sr,Tl, V,Zn,Ca,Mg,Na,K)
245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2540B, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-B,C-Titr, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics)
(608 for: Chlordane, Aldrin, Dieldrin, DDD, DDE, DDT, Heptachlor, Heptachlor Epoxide, PCBs-Water), EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables, 600/4-81-045-PCB-Oil

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM6215B, 9222B, 9223B Colilert, EPA 200.7, 200.8, 245.2, 120.1, 300.0, 314.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 331.0. Organic Parameters: 504.1, 524.2, SM6251B.)
Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6020, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 351.1, 353.2, 420.1, 1664A, SW-846 9010, 9030, 9040B, SM426C, SM2310B, 2540B, 2540D, 4500H+B, 4500NH3-H, 4500NH3-E, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 2320B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-117-07-1-B, LACHAT 10-107-06-1-B, LACHAT 10-107-04-1-C, LACHAT 10-107-04-1-J, LACHAT 10-117-07-1-A, SM4500CL-E, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3005A, 3015A, 3510C, 5030B, 8021B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A.)
Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 7196A, 7471A, 7.3.3.2, 7.3.4.2, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040, 9045C, 9050C, 1311, 3005A, 3050B, 3051A. Organic Parameters: SW-846 3540C, 3545, 3580A, 5030B, 5035, 8021B, 8260B, 8270C, 8330, 8151A, 8082, 8081A.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 2540C, 2320B, 314.0, SM2120B, 2510B, 5310C, SM4500H-B, EPA 200.8, 245.2. Organic Parameters: 504.1, SM6251B, 524.2.)
Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-D, EPA 300.0, SM2120B, SM4500F-BC, EPA 200.7, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, SM9221CE, 9222D, 9221B, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, SM5210B, SW-846 3015, 6020, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, EPA 245.1, 245.2, SW-846 9040B, 3005A, EPA 6010B, 7196A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8270C, 3510C, EPA 608, 624, 625, SW-846 5030B, 8021B, 8081A, 8082, 8151A, 8330, NJ OQA-QAM-025 Rev.7.)
Solid & Chemical Materials (Inorganic Parameters: SW-846 9040B, 3005A, 6010B, 7196A, 5030B, 9010B, 9030B, 1030, 1311, 3050B, 3051, 7471A, 9014, 9012A, 9045C, 9050A, 9065. Organic Parameters: SW-846 8021B, 8081A, 8082, 8151A, 8330, 8260B, 8270C, 1311, 1312, 3540C, 3545, 3550B, 3580A, 5035L, 5035H, NJ OQA-QAM-025 Rev.7.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 314.0, 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500H-B, 4500NO3-F, 2540C, EPA 120.1, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)
Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, LACHAT 10-117-07-1A or B, SM4500Cl-E, 4500F-C, SM15 426C, EPA 350.1, LACHAT 10-107-06-1-B, SM4500NH3-H, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, LACHAT 10-107-041-C, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, S\M3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, SM4500-CN-E LACHAT 10-204-00-1-A, EPA 9040B, SM4500-HB, EPA 1664A, SM5310C, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, EPA 3510C, 5030B, 9010B, 9030B.)
Solid & Hazardous Waste (Inorganic Parameters: 1010, 1030, SW-846 Ch 7 Sec 7.3, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8081A, 8151A, 8330, 8082, 3540C, 3545, 3546, 3580, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Non-Potable Water (Organic Parameters: EPA 3510C, 5030B, 625, 624. 608, 8081A, 8082, 8151A, 8260B, 8270C, 8330)
Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, 1311, 3050B, 3051, 6010B, EPA 7.3.3.2, EPA 7.3.4.2, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065. Organic Parameters: 3540C, 3545, 3580A, 5035, 8021B, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NY-DOH.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NY-DOH Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 376.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S2¯D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Utah Department of Health Certificate/Lab ID: AAMA. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: Chloride EPA 300.0)

Department of Defense Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6020, 245.1, 245.2, 7470A, 9040B, 300.0, 9251, 9038, 350.1, 353.2, 351.1, 314, 120.1, 9050A , 410.4, 9060, 1664, 420.1, LACHAT 10-107-06-1-B, SM 4500CN-E, 4500H-B, 4500CL-E, 4500F-BC, 4500SO4-E, 426C, 4500NH3-B, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500Norg-C, 4500PE, 2510B, 5540C, 5220D, 5310C, 2540B, 2540C, 2540D, 510C, 4500S2-AD, 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8330, 625, 8082, 8151A, 8081A, 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 7471A, 9040B, 9045C, 9065, 420.1, 9012A, 6860, 1311, 1312, 3050B, 9030B, 3051, 9010B, 3540C, SM 510ABC, 4500CN-CE, 2540G, SW-846 7.3, Organic Parameters: EPA 8260B, 8270C, 8330, 8082, 8081A, 8151A, 3545, 3546, 3580, 5035.)

Analytes Not Accredited by NELAP
Certification is not available by NELAP for the following analytes: **EPA 8260B:** Freon-113, 1,2,4,5-Tetramethylbenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline. **EPA 350.1** for Ammonia in a Soil matrix.

CHAIN OF CUSTODY

PAGE 1 OF 2

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 1/20/10

ALPHA Job #: L1000966

Client Information

Client: TRC

Address: 650 Suffolk St
Lowell MA 01854

Phone: 978-970-5608

Fax: 978-453-1995

Email: dmcglinay@trcsolutions.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Brayton Point

Project Location: Somerset, MA

Project #: 158091.0010

Project Manager: Dot McGlinay

~~ALPHA Quote #:~~ PO#: 18644

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: ~~1/26/10~~ Time: 02/03/10

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #: 18644

Regulatory Requirements/Report Limits

State /Fed Program	Criteria
MCP	GW-2

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

☒ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: VPH, EPH

SAMPLE HANDLING
Filtration ____
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VPH	EPH	Sample Specific Comments	Total # Bottles
00966 1	MW-717	1/19/10	1245	GW		X	X		4
2	MW-704	1/19/10	1300			X	X		4
3	MW-908	1/19/10	1425			X	X		4
4	MW-628	1/19/10	1430			X	X		4
~~5~~	~~MW-908~~	~~1/19/10~~	~~1425~~ EW 1/20/10			X	X		4
5 6	MW-627R	1/19/10	1540			X	X		4
6 7	MW-904	1/19/10	1545			X	X		4
7 8	MW-721R	1/20/10	1005			X	X		4
8 9	MW-719	1/20/10	1015			X	X		4
9 10	MW-701R	1/20/10	1140			X	X		
				Container Type		V	A		
				Preservative		B	B		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1/20/10 1600	[signature]	1/20/10 1600
[signature]	1/20/10 1755	[signature]	1/20/10 1755

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

CHAIN OF CUSTODY

PAGE 2 OF 2

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 1/20/10

ALPHA Job #: L1000966

Client Information

Client: TRC

Address: 650 Suffolk St
Lowell MA 01854

Phone: 978-970-5600

Fax: 978-453-1995

Email: dmcglincy@TRCsolutions.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Brayton Pt

Project Location: Somerset, MA

Project #: 158091.0010

Project Manager: Dot McGlincy

ALPHA Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: ~~1/26/10~~ 02/03/10 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #: 18644

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do

Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VPH	EPH	Sample Specific Comments	TOTAL # BOTTLES
10 11	MW-720	1/20/10	1150	GW		X	X		4
11 12	MW-629	1/20/10	1310			X	X		4
12 13	MW-906	1/20/10	1430			X	X		4
13 14	Dup-1	1/20/10	1530			X	X		4
14 15	Trip Blanks					X			2
	Temp Blanks								

Container Type: V A

Preservative: B B

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	1/20/10 1600	[illegible]	1/20/10 1600
[illegible]	1/20/10 1700	[illegible]	1/20/10 1700

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

02051022:59