Class A-2 Response Action Outcome Statement and Phase V Completion Statement

Walpole Park South
Walpole, Massachusetts
RTN 4-3021915

Submitted to:
Massachusetts Department of Environmental Protection
Southeast Regional Office

February 4, 2011

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February 4, 2011

Massachusetts Department of Environmental Protection
Southeast Regional Office
Bureau of Waste Site Cleanup
20 Riverside Drive
Lakeville, MA 02347

Re: Class A-2 Response Action Outcome Statement and Phase V Completion Statement
Walpole Park South
Walpole, Massachusetts
RTN 4-3021915

Dear Sir/Madam:

In accordance with the requirements of 310 CMR 40.000, and on behalf of Walpole Park South Trust, Tetra Tech, Inc. d/b/a Tetra Tech Rizzo is submitting this Class A-2 Response Action Outcome (RAO) Statement and Phase V Completion Statement for the Disposal Site identified by Release Tracking Number (RTN) 4-3021915, Walpole Park South (the Site). A Method 2 Human Health and Environmental Risk Characterization was conducted to evaluate the risk posed by the contaminants of concern at the Site. The results of the risk characterization concluded that a condition of No Significant Risk has been achieved for the Disposal Site, and an Activity and Use Limitation (AUL) is not required.

This report has been prepared in accordance with the Massachusetts Contingency Plan (MCP) 310 CMR 40.0000 and is subject to the Limitations and Conditions presented in Appendix A. The original DEP transmittal forms for this report (BWSC-104 and BWSC-108) were submitted electronically via eDEP.

Please contact us if you have any questions or comments.

Very truly yours,

Raymond C. Johnson, P.G., L.S.P.
Senior Vice President

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1.0 Introduction

Tetra Tech, Inc. d/b/a Tetra Tech Rizzo (TTR) has prepared this Class A-2 Response Action Outcome (RAO) Statement and Phase V Completion Statement on behalf of Walpole Park South Trust for the Disposal Site identified by the Massachusetts Department of Environmental Protection under Release Tracking Number (RTN) 4-3021915 (the Site). The Site is known as Walpole Park South and is generally located at the northwest quadrant of the intersection of Providence Highway (Route 1) and Pine Street in Walpole, Massachusetts.

Multiple phases of subsurface investigations have been implemented at the Site, as described in the Phase II – Comprehensive Site Assessment (July 2006), Phase III – Remedial Action Plan (July 2006), Phase IV – Remedy Implementation Plan (July 2007), Phase IV Completion Report and Remedy Operation Status Submittal (July 2009) and Phase V – Remedy Operation Status Reports #1 and #2 submitted in February and August 2010, respectively. The Phase II report concluded that a condition of No Significant Risk did not exist in 2006 because of the presence of bromodichloromethane and chloroform in MW-2 and RIZ-3, chloroform in MW-3 and lead in MW-9. The installation of additional groundwater monitoring wells, and collection of six (6) rounds of groundwater samples since submission of the Phase II report generated additional groundwater data, indicative of current and recent conditions at the Site, which was used for preparation of a Method 2 risk characterization. Based on the results of the testing done since submission of the Phase II report and the conclusions of the risk characterization presented herein, a condition of No Significant Risk has been achieved at the Site and an Activity and Use Limitation (AUL) is not required to restrict or limit human exposures.

This report presents a description of the releases, a summary of historic and recent assessment of soil and groundwater conditions at the Site, a representativeness evaluation and data usability assessment, and a summary of the risk characterization.

This Class A-2 RAO Statement/Phase V Completion Statement applies to the entire Walpole Park South property and has been prepared in accordance with the Massachusetts Contingency Plan (MCP), 310 CMR 40.0000. This report is subject to the LSP Statement of Limitations and Conditions included in Appendix A. Copies of the DEP transmittal forms (BWSC-104 and BWSC-108) are included in Appendix F.

2.0 Disposal Site Information

In accordance with the MCP (310 CMR 40.1056) the following sections provide the general Disposal Site information relevant to this Class A-2 RAO and Phase V Completion Statement.

2.1 Disposal Site Description

The Site encompasses approximately 54 acres of land, located at the intersection of US Route 1 and Pine Street in Walpole, Massachusetts, as shown on Figure 1. The Site is divided into eight lots, seven of which contain buildings occupied by office and warehouse space that are leased to

commercial and/or light industrial businesses. The current configuration of the Site and the configuration of the individual building lots are depicted on Figure 2. This figure also depicts the approximate location of the property boundary and the limits of the area subject to this RAO Statement. An access road, Walpole Park South Drive, crosses the Site from Route 1 along the northeast boundary of Walpole Park South, to Pine Street on the southern boundary of the property. The buildings, driveways and parking areas cover the majority of the Site. The remainder of the property consists of landscaped areas adjacent to the buildings, wooded land and unpaved open areas. Prior to construction of the existing buildings the Site was vacant land, portions of which were reportedly used as a gravel pit. Development of the Site and building construction commenced in 1986.

The property is abutted to the north by vacant wooded land, to the west by single-family residences, to the south by Pine Street, across which are commercial properties including a truck repair and painting facility, and to the east by Route 1, across which are commercial and industrial properties. A Site Locus map is included as Figure 1, the Disposal Site boundaries and Site features are depicted on Figure 2 and the MassGIS Map is included as Figure 3.

The nearest surface water features to the Site are the Goldwater Farm Pond and School Meadow Brook. Goldwater Farm Pond is located approximately 650 feet south of the Site, and School Meadow Brook flows in a north and northwesterly direction downstream from the pond. The Site and surrounding area receive water from the Town of Walpole municipal water system, and are also serviced by public sanitary sewer service. No private drinking water wells are known or anticipated to exist within 500 ft of the Site. There is no known Protected Open Space within 500 ft of the Site. There are no known institutions (facilities with overnight housing such as a hospital, health care facility, orphanage, nursing home, convalescent home, educational facility, or correctional institution) located within 500 ft of the Site. Human receptors within 500 feet of the Disposal Site include workers at the Site and abutting properties, and residents of single family residences located west of the Site.

2.2 Release Description and Regulatory History

2.2.1 Background and Site History

Prior to construction of the existing buildings the Site was vacant land, portions of which were used as a gravel pit. Development of the Site and building construction commenced in 1986. Buildings have been constructed on the Site lots on an intermittent basis since 1986, and currently one lot remains undeveloped.

In compliance with requirements issued by the Walpole Board of Health (BOH), seven groundwater monitoring wells were installed at the Site in December 1986 by Carr Research Laboratory (Carr), and annual groundwater monitoring was performed on a limited number of the installed wells. In the late 1990's it was discovered that the reported results from the annual BOH sampling were occasionally exceeding the then current Massachusetts DEP reportable

concentrations for GW-1 areas (RCGW-1 standards). Two RTNs were issued based on reported concentrations of compounds identified in groundwater at the Site.

RTN 3-19859 was issued in 2000 based on sampling performed in April 1999 and April 2000 when elevated concentrations of chloroform and bromodichloromethane were reported in groundwater samples collected from monitoring wells along the western boundary of the Site. A Class A-2 RAO Statement was submitted by Carr Research Laboratory on July 25, 2001, indicating that a Permanent Solution had been achieved for this RTN. The RAO indicated that the source of the bromodichloromethane was treatment chemicals (brominating tablets) used in a residential swimming pool located on an upgradient property. The source of the chloroform was identified as a reaction between chlorine used for swimming pool disinfection at the same residence, and septage from the septic tank and leach field at the residence.

RTN 3-21915 was issued in April 2002 when it was noted that the lead concentrations reported by the laboratory for groundwater samples collected from monitoring wells MW-3 and MW-6 were 59 micrograms per liter (µg/l) and 23 µg/l, respectively; concentrations which exceeded the then applicable MCP reportable concentration for groundwater category RCGW-1 (20 µg/l). To further evaluate this condition confirmatory groundwater sampling was performed in May 2002. The results of this sampling indicated lead concentrations in samples collected from MW-3 and MW-6 of 46 µg/l and 18 µg/l, respectively. Based on these sampling results it was concluded that the detected lead concentrations represented a 120-day notification condition under the MCP. Therefore, a RNF was submitted to the DEP on July 2, 2002. In response to the notification, DEP issued a Notice of Responsibility (NOR) on August 15, 2002 and assigned RTN 3-21915 to the reported release. Between September 2000 and February 2006 additional groundwater monitoring wells were installed on several occasions to replace damaged wells and/or to provide sufficient coverage to assess groundwater conditions at the Site.

Based on historic monitoring results and the investigations implemented after submission of the RNF for RTN 3-21915, a Phase I – Initial Site Investigation (Phase I) report and Tier Classification was prepared by GHC and submitted to DEP in June 2004. The Phase I report concluded that the nature and extent of contamination does not exhibit a regular pattern, relative to both the locations of wells in which levels exceed MCP Method 1 GW-1 standards and the detection of compounds over time. Based on the Numerical Ranking Scoresheet (NRS) prepared by GHC, the Site was classified as a Tier IB Disposal Site. An evaluation performed as part of the Phase I investigation concluded that the identified Site conditions did not represent an Imminent Hazard, indicating that implementation of an Immediate Response Action was not necessary. In an internal memorandum dated July 9, 2004, the DEP Drinking Water Program (DWP) found that “the groundwater contamination levels at the site are all low, compared to most waste sites,” and “heavy metals have fairly low mobility in groundwater.” DEP concluded “the site does not appear to pose a threat to the Walpole municipal wells, because of the low groundwater contamination levels and the distance from the site to the wells.”

2.2.2 Phase II – Comprehensive Site Assessment

Following the Phase I investigation Rizzo Associates, Inc. (now Tetra Tech Rizzo) was retained to perform the Phase II – Comprehensive Site Assessment. The purpose of the Phase II investigation was to obtain data to characterize the nature and extent of releases of oil and/or hazardous materials (OHM) at the Site, quantify the risks posed by such releases, and assess the need to conduct further remedial actions at the Site.

The Phase II Investigation included the installation of 7 soil borings and completion of 3 of the soil borings as groundwater monitoring wells; sampling and analysis of soil and groundwater from select soil borings and monitoring wells; surveying to determine the locations and relative elevations of each newly installed monitoring well casing; gauging of groundwater elevations to evaluate the groundwater flow direction and prepare a potentiometric surface map; and hydraulic conductivity testing of three groundwater monitoring wells.

Laboratory analysis of seven (7) soil samples collected during the Phase II investigation did not detect VOCs or total metals at concentrations exceeding the applicable MCP Method 1 standards. Laboratory analysis of 45 groundwater samples collected over four Phase II sampling rounds identified the presence of volatile organic compounds (VOCs) and/or dissolved metals at concentrations greater than one or more of the applicable MCP Method 1 standards in four (4) wells (MW-2, MW-3, MW-9 and RIZ-3), all located near the perimeter of the Site and downgradient from potential off-site sources of groundwater contamination. The compounds exceeding the MCP Method 1 standards included bromodichloromethane, chloroform and lead; however, no on-site source was been identified for these compounds and the dissolved metals concentrations were inconsistent over the four sampling events. Lead was identified at a concentration greater than the method detection limit in well MW-9 in only one of the four groundwater sampling events. Because the locations and concentrations of the identified compounds were not consistent throughout the four groundwater sampling events there is not a clearly definable plume for the identified dissolved metals compounds.

The presence of bromodichloromethane and/or chloroform along the eastern boundary of the Site, specifically in monitoring wells MW-2, MW-3 and RIZ-3, suggested impacts from releases of chlorinated or brominated water. Historically identified concentrations of bromodichloromethane and chloroform along the western boundary of the Site, associated with RTN 3-19859, were attributed to a release of swimming pool water from the property upgradient from well MW-6. The chlorinated and/or brominated water was expected to have been reacting with the naturally occurring organic material in the sandy soils of the Site to form bromodichloromethane and chloroform. A similar reaction was also likely taking place along the eastern boundary of the Site. Potential sources for the chlorinated or brominated water are leaks in municipal water pipes, fire hydrant flushing, or infiltrating rainwater mixed with roadway de-icing chemicals such as calcium chloride or sodium chloride. Based on the decreasing concentrations of bromodichloromethane and chloroform moving downgradient across the Site from well MW-2 to well RIZ-3 to well MW-3, the source of chlorinated or brominated water was likely upgradient from well MW-2, in or on the southeastern side of Route 1.

Since the concentrations of several compounds in groundwater exceeded the MCP Method 1 GW-1 and GW-3 standards, and the Site is located within a Zone II for a public water supply, the risk characterization performed during the Phase II concluded that a condition of No Significant Risk to human health and the environment had not been achieved at the Site for groundwater at that time.

2.2.3 Phase III – Remedial Action Plan

The Phase III evaluation included a review of alternative methods for treatment of groundwater to evaluate whether there were one or more financially and technically feasible remedial alternatives that could be implemented to reduce risk at the Site to a level where a Permanent Solution could be achieved, and the selection of an alternative for implementation. For the evaluation of remedial alternatives feasible technologies were considered based on their ability to address the conditions identified on the Site.

An initial screening evaluated nine remedial alternatives based on their ability to target these contaminant characteristics and the subsurface conditions at the Site. Alternatives evaluated during the initial screening included groundwater pump-and-treat, in-situ chemical oxidation, permeable reactive barriers, bioremediation/bio-barrier, electrical resistance heating, surfactant flushing, air sparging and vapor extraction, soil excavation and disposal/treatment, and MNA. Of these alternatives, groundwater pump-and-treat and MNA were selected for detailed evaluation.

The detailed evaluation compared the two remedial alternatives noted above in greater detail, based on the following criteria: effectiveness, reliability, difficulty, costs, risks, benefits and time for implementation. Based on the detailed evaluation, MNA was selected as the remedy for the Site.

At the time the Phase III was submitted it was anticipated that while the Phase IV was not due until July 26, 2007, MNA monitoring would commence in September or October 2006. However, because of unwillingness on the part of the Town of Walpole to cooperate with the responsible party relative to the installation of additional monitoring wells needed to implement the MNA, installation of the additional monitoring wells and commencement of the MNA sampling program was delayed until December 2007.

2.2.4 Phase IV – Remedy Implementation Plan

Based on the results of the Phase III, the Phase IV report indicated that MNA would be implemented at the Site to further evaluate groundwater conditions over time. The Phase IV report also noted that although MNA was identified as the appropriate remedial action for the Site, it may be determined that implementation of one or more other technologies should be considered as additional data on groundwater conditions was developed. In that case, feasible remedial alternatives would be evaluated and a determination made of whether the approach should be modified or changed. If changes to the remedial program were determined to be applicable, supplemental Phase III and Phase IV reports would be prepared to discuss the selection (Phase III) and design (Phase IV) of the remedy or remedies. The selection of MNA

was appropriate given the sporadic and intermittent detection of metals or VOCs at concentrations exceeding applicable MCP standards, the absence of an identifiable source(s) of the detected compounds, and the likely off-site origin of those compounds. The proposed design for MNA included the installation of additional monitoring wells upgradient from the Site, and the collection of groundwater samples from the new wells and selected existing on-site monitoring wells.

2.2.5 Phase IV Completion Statement

Installation of the three additional monitoring wells, near the upgradient (southern) property line for Walpole Park South, was completed in December 2007. Wells were installed at two locations on Walpole Park South property, adjacent to Pine Street, and at one location on MHD property within the "jug handle" intersection of Route 1 southbound and Pine Street. The drilling locations were accessed using an all-terrain vehicle mounted hollow stem auger drilling rig, equipped with the capability to drill into bedrock, since the locations on Walpole Park South property were not accessible to conventional truck-mounted drilling equipment.

Four rounds of groundwater samples were collected during Phase IV. Based on the results of those samplings and previous sampling results for the Site, it was concluded that the requirements for a Class A or Class B RAO had not been and that ongoing monitoring would be performed to further characterize groundwater conditions over time. Specifically, it was indicated in the Phase IV Completion Statement that groundwater samples would be collected at approximately six month intervals for analysis for VOCs and metals. Details of the well installation and groundwater sampling were detailed in the Phase IV Completion Statement dated July 28, 2009.

2.2.6 Phase V – Remedy Operation Status

Phase V groundwater sampling was performed at the Site in December 2009 and June 2010. The results of those sampling events were discussed in Phase V – Remedy Operation Status Reports #1 and #2, submitted in February and August 2010, respectively. The results of four rounds of Phase IV groundwater monitoring and two rounds of Phase V groundwater monitoring did not detect VOCs or metals at concentrations exceeding the applicable MCP RCGW-1 reportable concentrations or the MCP Method 1 GW-1, GW-2 (where applicable) or GW-3 standards. The results of six (6) rounds of groundwater sampling performed over the period from December 2007 through June 2010 are summarized on Table 3.

3.0 Nature and Extent of Contamination

Based on the extensive subsurface testing completed to date, it does not appear that there is a specific on-site source of the identified compounds, historic data does not indicate a clearly definable plume, and recent results have shown the few detected analytes at concentrations well below the lower of the MCP GW-1 or GW-3 standards. Therefore, since contamination is not currently present on the Site, characterization of the nature and extent of contamination is not

possible or required. However, historic groundwater monitoring results, including Phase II data and monitoring since submission of the Phase II report, are discussed in the following section to provide a general context for purposes of this RAO Statement/Phase V Completion Statement.

3.1 Extent of Groundwater Contamination

3.1.1 Phase II Groundwater Analysis Results

For the 45 groundwater samples that were submitted for laboratory analysis over four sampling rounds as a part of the Phase II investigation, VOCs and or dissolved metals concentrations greater than one or more of the applicable MCP Method 1 standards were reported in 4 wells. Compounds exceeding the MCP Method 1 standards included bromodichloromethane, chloroform and lead; however, no on-site source was identified for these compounds. Reported dissolved metals concentrations were inconsistent over the sampling events, and lead was identified at a concentration greater than the method detection limit in well MW-9 in only one of the four groundwater sampling events. Because the locations and concentrations of the identified compounds were not consistent throughout the four groundwater sampling events there is not a clearly definable dissolved metals plume.

The presence of bromodichloromethane and/or chloroform along the eastern boundary of the Site, specifically in monitoring wells MW-2, MW-3 and RIZ-3, suggested impacts from releases of chlorinated or brominated water. Historically identified concentrations of bromodichloromethane and chloroform along the western boundary of the Site, associated with RTN 3-19859, were attributed to a release of swimming pool water from the property upgradient from well MW-6. The chlorinated and/or brominated water was expected to have been reacting with the naturally occurring organic material in the sandy soils of the Site to form bromodichloromethane and chloroform. A similar reaction was also likely taking place along the eastern boundary of the Site. Potential sources for the chlorinated or brominated water are leaks in municipal water pipes, fire hydrant flushing, or infiltrating rainwater mixed with roadway de-icing chemicals such as calcium chloride or sodium chloride. Based on the decreasing concentrations of bromodichloromethane and chloroform moving downgradient across the Site from well MW-2 to well RIZ-3 to well MW-3, the source of chlorinated or brominated water was likely upgradient from well MW-2, in or on the southeastern side of Route 1. We note that the Water Quality Reports for 2004 and 2005 issued by the Walpole Sewer & Water Department indicated the presence of bromodichloromethane and chloroform in samples collected from the municipal water system, and indicate that these compounds are a “by-product of drinking water disinfection.” The generation of these compounds from chlorination of groundwater is a typical occurrence in this area of Massachusetts. Based on the data from monitoring wells MW-2, MW-3, RIZ-3 and RIZ-9, the Phase II report concluded that a condition of No Significant Risk did not exist in 2006.

3.1.2 Phase IV and Phase V Groundwater Analysis Results

Since submission of the Phase II report six (6) rounds of groundwater samples have been collected from monitoring wells MW-3, MW-9, RIZ-3, RIZ-8, RIZ-9 and RIZ-10. During that

same period four (4) rounds of samples were collected from MW-2; samples could not be collected from that well during the December 2007 and December 2009 sampling events because the well was covered with snow piles and could not be located. Two rounds of groundwater samples were also collected from monitoring well RIZ-8S; samples were not collected at a greater frequency from that well because during the other sampling events the well was dry or there was an insufficient saturated thickness to permit collection of water samples. These wells were selected to further evaluate conditions characterized during the Phase II investigations, to evaluate conditions near the upgradient property boundary, and to provide general coverage of the Site. Laboratory analysis of the samples collected during Phase IV and Phase V activities at the Site indicated low to non-detectable concentrations of the compounds which were the basis for the conclusions of the risk characterization in the Phase II report, and demonstrate that the historic elevated analysis results are likely related to off-site impacts that are intermittent and sporadic.

3.1.3 Summary

Historically, metals including antimony, arsenic, cadmium, chromium, and lead were identified at elevated concentrations at the Site. However, no metals have been reported at concentrations greater than the current Method 1 GW-1 standards since April 2006. In addition, when antimony was detected it was reported in multiple wells during a single groundwater sampling event but not reported at elevated concentrations in subsequent samplings of the same wells. The infrequent detections of antimony over the extensive sampling duration at the Site suggests that sampling and or laboratory error may account for the reported results, they may be naturally occurring impacts that vary in concentration over time, or related to intermittent off-site releases that migrate through the Site.

Lead is the only dissolved metal that has been identified in the groundwater at the Site on a somewhat regular basis; however, even lead concentrations have not been identified consistently enough to create plume maps or suggest an on-site source. Since April 1991, based on a combination of historical data and the groundwater sampling performed as a part of the Phase II investigation and post-Phase II monitoring, lead has been reported at concentrations greater than the current Method 1 GW-1 standard (15 µg/L) three times in well MW-3 (22 to 59 µg/L), twice in MW-9 (23 to 35 µg/L) and once each in MW-2 (18 µg/L), MW-6 (18 µg/L) and MW-8 (26 µg/L). Lead has not been reported above the lower of the MCP Method 1 GW-1 or GW-3 standard in the six sampling events performed since December 2007. Of these wells only well MW-3 is located on the downgradient side of the Site, indicating that an upgradient source or sources may be a significant contributor to the elevated lead concentrations on the Site.

None of the reported groundwater concentrations were detected at levels exceeding their respective Upper Concentration Limits (UCLs). Groundwater analytical data supporting this Class B-2 RAO is presented in Table 3. Laboratory certificates of analysis for groundwater samples collected as part of the MCP investigations since submission of the Phase II report are presented in Appendix E.

4.0 Representativeness Evaluation and Data Usability Assessment

A Representativeness Evaluation and Data Usability Assessment (REDUA) was conducted in support of this RAO Statement in accordance with 310 CMR 40.1056(2)(k) and DEP Policy #WSC-07-350, *"MCP Representativeness Evaluations and Data Usability Assessments"* dated September 19, 2007. The Representativeness Evaluation documents the adequacy of the spatial and temporal data sets used to support the RAO. The Data Usability Assessment documents that the data relied upon are scientifically valid and defensible, and of sufficient accuracy, precision and completeness to support the RAO.

4.1 Representativeness Evaluation

The Representativeness Evaluation demonstrates the adequacy of the cumulative data set to sufficiently characterize conditions at the Disposal Site and supports the Conceptual Site Model. The evaluation includes a description of the Conceptual Site Model, use of field screening data; sampling rationale; number, spatial distribution and sampling procedures; temporal distribution of samples; data gaps; inconsistency and uncertainty and representativeness information. The components of the Representativeness Evaluation in support of this RAO are discussed in the sections below.

4.1.1 Conceptual Site Model

The Disposal Site is currently occupied by an industrial park with multiple buildings occupied by office, warehouse and distribution operations, paved parking lots, roadways and open space/landscaped areas. Laboratory analysis results of historic groundwater samples identified low concentrations of metals and VOCs. The monitoring has not identified a source or definable plume. The locations at which positive analytical results have been reported, and the intermittent and sporadic nature of the results, demonstrate that the historic elevated analysis results are likely related to off-site sources.

The topography of the Site slopes from southwest to northeast, from upland areas on the south and southwest side of Pine Street to wetlands and School Meadow Brook located north and northeast of the Site. The depth to bedrock ranges from 12 feet to greater than 50 feet below the ground surface, and the unconsolidated deposits overlying bedrock consist primarily of fine to coarse sand with gravel and boulders, with interbedded finer layers observed in some borings. Groundwater is present in overburden throughout most of the Site, although in some areas along the south and southwest property boundary, where shallow bedrock was observed, the overburden saturated thickness is limited and some monitoring wells are observed to periodically be dry. Groundwater at the site originates from migration from off-site upgradient locations, and from infiltration of precipitation at the Site, and flows from southwest to northeast consistent with topography and the groundwater discharge areas to the north and northeast (School Meadow Brook and associated wetlands).

4.1.2 Use of Field/Screening Data

The selection of laboratory analytical methods for the samples collected during and since the Phase II field investigations, which commenced in 2005, was based on the results of earlier sampling which indicated that VOCs and metals were the compounds of concern at the Site. Field screening techniques, including PID headspace screening and field observations of soil characteristics and odors, were used in conjunction with existing analytical data to assist with the selection of soil samples for laboratory analysis.

4.1.3 Sampling Locations and Depths

Because of the absence of an identified release or source area, and the sporadic and intermittent presence of target compounds, sampling was conducted at locations throughout the Site to provide a representative characterization of subsurface conditions.

Our review indicates that the sampling locations and depths are sufficient to delineate Disposal Site boundaries, identify background COC concentrations, calculate EPCs, identify Hot Spots, identify exposure pathways and receptors, and assess human health and environmental risk at the Site.

4.1.4 Sampling Density, Spatial Distribution, Collection Methods and Handling

Soil and groundwater samples used to support this RAO were collected based on the layout and use of the Site and to provide general site-wide coverage. Soil samples included in the data set that supports this Class A-2 RAO Statement/Phase V Completion Statement were collected as discrete samples of subsurface materials. Groundwater samples were collected from monitoring wells screened across and below the water table using modified US Environmental Protection Agency (EPA) low flow sampling protocol which provides a representative sample of the static groundwater. Soil and groundwater samples collected to support this RAO were placed on ice and were transported to a Massachusetts certified laboratory under chains-of-custody.

The spatial distribution of the samples used for the calculation of EPCs used in the Risk Characterization is shown on Figure 2. A total of 30 soil samples, collected from 19 soil boring locations throughout the Site, were used to calculate the soil EPCs. Soil sample depths were selected based upon Field/Screening data, visual and olfactory observations and to provide general coverage of the fill materials encountered. A total of 48 groundwater samples collected from 9 monitoring wells during the period between December 2007 and June 2009 were used to calculate groundwater EPCs.

It is our opinion that the sampling density and spatial distribution of samples collected is consistent with the Conceptual Site Model and are representative of current Disposal Site conditions. We conclude that the sample collection and handling methods, sampling density and spatial distribution of soil and groundwater samples site-wide are sufficient to support the Class A-2 RAO Statement/Phase V Completion Statement.

4.1.5 Temporal Distribution of Samples

Soil and groundwater samples collected to support this RAO were collected at various times during the period from May 2003 to December 2007 for soil and December 2007 to June 2009 for groundwater. Therefore, we conclude that the temporal distribution of soil and groundwater sample collection is sufficient to demonstrate that no ongoing or uncontrolled source of contamination remains, that concentrations are stable and below the lower of the MCP GW-1 or GW-3 standards, and that EPCs accurately reflect Disposal Site concentrations.

4.1.6 Completeness

An extensive data set of 48 groundwater and 30 soil analytical data points has been used in support of this RAO. No data gaps were identified. Our review has concluded that the data set is sufficiently complete to support the RAO due to the extensive data set, sample density and distribution, and consistency with the Conceptual Site Model.

4.1.7 Inconsistency and Uncertainty

Based on the number of samples, historic site use, absence of on-site sources, and the consistency of the data set over multiple sampling events, no inconsistencies or uncertainty were identified in the data set.

4.1.8 Representativeness of the Data Set

Laboratory certificates of analysis for the groundwater samples collected since submission of the Phase II report are included in Appendix E and summarized on Table 3.

4.2 Data Usability Assessment

The Data Usability Assessment consists of an analytical and field component. The field component evaluates the sampling collection procedure to ensure a sample is representative of the sampling point upon delivery to the laboratory. The analytical component evaluates whether analytical data points are scientifically valid and defensible, and that a sufficient level of precision, accuracy, and sensitivity has been achieved. According to DEP Policy, the rigorousness of the Data Usability Assessment should be "proportional to the complexity of the project and the ramifications of risk-related decisions associated with the interpretation of the data."

As part of an effort to enhance the quality and consistency of analytical data supporting MCP submittals, the DEP has published the Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data (WSC-CAM-VII A). The original version of this document was released on May 21, 2004 and a revised version became effective on July 1, 2010. The purpose of the document is to provide quality assurance/quality control (QA/QC) guidance regarding the acquisition and reporting of analytical data, including regulatory performance

standards and agency expectations for MCP data submittal. To facilitate the application of the performance standards, the DEP has published a Compendium of Analytical Methods (CAM) which provides a series of recommended protocols for the acquisition, analyses, and reporting of analytical data in support of MCP decisions. Use of these procedures provides an LSP with "Presumptive Certainty" of data acceptance by the DEP.

Validation of the laboratory data included a review of field and laboratory quality control samples as applicable, including:

- CAM Compliance status and Presumptive Certainty of data;
- field sample custody, preservation, and analytical holding times;
- trip blanks to assess whether there may be false positive contamination during sample acquisition and/or storage;
- evaluation of surrogate recoveries to assess laboratory matrix effects and data accuracy;
- laboratory method blanks, surrogate spike recoveries (organics only), laboratory control sample (LCS) recoveries, MS/MSD recoveries, and laboratory sample duplicates and relative percent difference (RPD);
- laboratory quantitation (detection) limits; and
- miscellaneous observations.

A table summarizing the evaluation of analytical data points as part of the Data Usability Assessment is provided in Appendix B. The table lists the sample name, sample parameters, date sampled, sample matrix, CAM Compliance status and notes any qualifications or exceptions affecting data quality. The Data Usability Assessment provides justification as to why such analytical data are considered acceptable to support the RAO.

4.2.1 Analytical Data Usability Assessment

Soil data used in support of this RAO Statement were collected from May 2003 through December 2007, and groundwater data was collected from December 2007 to June 2009. The majority of the data is considered CAM Compliant, meaning that analytical results were (1) determined using an MCP Analytical Method detailed in CAM; (2) comply with method-specific QC requirements specified in CAM; (3) are reported with narration of method-specific performance standard deficiencies; and (4) are reported with required deliverables specified in CAM. The only data that is "non-CAM" is the June 2010 groundwater samples analyzed for VOCs by EPA Method 524. Specifically, the CAM method for VOCs is EPA 8260; however, Method 524 was used for groundwater VOC analysis to be consistent with the analytical method specified in the requirements for the annual groundwater monitoring performed at the Site in accordance with an agreement between the property owner and the Walpole Board of Health,

and because Method 524 offers lower detection limits than Method 8260. CAM Compliant data have "Presumptive Certainty" and are of known accuracy, precision and sensitivity. Data that does not have "Presumptive Certainty" status may still be relied upon for purposes of the conclusions of the RAO Statement provided further evaluation of the data concludes that it is of suitable quality to meet the requirements of the MCP.

A discussion of analytical data issues as identified by the Laboratory Case Narrative is included in Appendix B. In general, CAM Compliant data were found to have adequate sensitivity in detection levels compared to project-specific objectives. In some instances, surrogate recoveries, relative percent differences, matrix spike or method blank samples suggested that results may be biased low or detected outside of quality control limits. Most of these situations involved COCs that were consistently non-detect in samples collected throughout the Site or COCs that were materially contributing to the level of risk at the Site. The "non-CAM" data discussed above was also found to have adequate sensitivity in detection levels compared to project specific objectives, and this data is of suitable quality for use in the Risk Characterization and as a basis for this RAO Statement/Phase V Completion Statement.

In conclusion, limitations, uncertainties and qualifications associated with analytical deficiencies do not affect the overall accuracy, precision or sensitivity of the analytical data to the extent that the validity of the data would be jeopardized. No data were rejected based on gross failure criteria.

4.2.2 Field Data Usability Assessment

Appropriate sampling and handling methods were employed in the field during the collection of sample media. Suitable sampling containers were used, samples were properly preserved, stored within acceptable temperature ranges, and hold times were met for all samples. Analytical data were found to be consistent with field observations and screening data.

The field component of the data usability assessment indicates that sample collection, handling and analytical procedures were followed in a manner that is consistent with QC protocols required by the MCP. Based on our overall evaluation of the data, field sampling and handling methods are not anticipated to impact the field accuracy and precision of the data to the extent that the validity of the data would be jeopardized.

4.3 Conclusions

A Representativeness Evaluation and Data Usability Assessment was conducted in accordance with 310 CMR 40.1056(2) (k). It is our opinion that the data set relied upon to support this RAO is representative with regard to the spatial and temporal distribution of sampling points; is scientifically valid and defensible; and is of sufficient accuracy, precision and completeness to support the RAO Statement.

5.0 Method 2 Human Health and Environmental Risk Characterization

The following section presents a Method 2 Risk Characterization to evaluate the potential risks posed to human health, public welfare, public safety and the environment by concentrations of compounds of concern (COCs) that have been detected in Site soils and groundwater. This Risk Characterization was conducted in conformance with the requirements of the Massachusetts Contingency Plan (MCP), 310 CMR 40.0000. The DEP guidance document for risk characterization, *Guidance for Disposal Site Risk Characterization In Support of the Massachusetts Contingency Plan* (July 1995), has been followed in this analysis.

5.1 Method Selection

The MCP defines three methods for risk characterization: Methods 1, 2, and 3. We selected Method 2 as the appropriate method for characterization of risk because Method 1 standards have not been published by the DEP for isoproplybenzene and p-isopropyltoluene in soil. Method 2 allows for a relatively comprehensive, rapid evaluation of risk by comparison of Exposure Point Concentrations (EPCs) to standards published by DEP, and development of supplemental standards for compounds that do not have them or modification of standards with Site-specific information. Method 1 and 2 standards incorporate conservative assumptions for both contaminant transport and exposure, resulting in an overall conservative analysis. For the Site COCs that do not have Method 1 standards, we generated Method 2 standards for following the risk characterization guidance.

5.2 Soil and Groundwater Characterization

According to the criteria outlined in 310 CMR 40.0361, Site soils are classified as S-1 if the site is located within 500 feet of residentially zoned land, a school, playground, recreational area or park. Portions of the Site are located within 500 feet of residential property and, therefore, those areas are classified as category S-1.

The Massachusetts Geographic Information System (MassGIS) map of the Site area shows that the Site is located within a DEP Approved Zone II area and an EPA Sole Source Aquifer. According to the DEP, this means the Site is located within the "area of an aquifer which contributes water to a well under the most severe pumping and recharge conditions that can be realistically anticipated, as approved by the Department's Division of Water supply pursuant to 310 CMR 22.00." Thus, groundwater at the Site is classified as GW-1. Groundwater at the Site is also classified as GW-2 since there are occupied buildings on the Site and the depth to the water table is less than 15 feet. Additionally, groundwater at the Site is classified as GW-3, since, by definition, all groundwater in the Commonwealth of Massachusetts is considered GW-3. Therefore, we compare groundwater analytical results to GW-1, GW-2 and GW-3 standards.

5.3 Exposure Point Concentrations

EPCs represent the estimated concentrations of compounds of concern (COCs) to which a receptor may be exposed at the point of exposure. In keeping with DEP guidance, this characterization assumes that contaminant concentrations on the Site remain unchanged. Thus, we do not consider any mitigating factors resulting over the course of time (such as biodegradation). The risk characterization also assumes that for compounds detected at least once above detection limit, samples reported as not detected (ND) by the laboratory are assumed to have a concentration of one-half of the method detection limit (MDL) for that sample.

Data used in this risk characterization include analytical results for soil samples collected from the Site from May 2003 to December 2007. We also used groundwater data collected at the Site in December 2007, April, May, November and December 2008, June and December 2009, and June 2010. Tables 2 and 3 present the soil and groundwater data used in the risk characterization, respectively. As shown in Table 3, thallium was detected above the laboratory method detection limit for the sample collected in November 2008 from monitoring well RIZ-10, located on MassDOT property upgradient from the Site, at a concentration of 11.6 µg/l. Since thallium had not been recently detected at the Site, it was believed that the positive result for thallium could be related to sampling or analytical error. Therefore, the well was re-sampled in December 2008 to evaluate whether the original thallium result was representative of conditions in the area of RIZ-10. Analysis of the second sample did not detect thallium, confirming that the original result was not representative of groundwater conditions in the area of RIZ-10. Based on this we consider the positive thallium result for the sample collected from RIZ-10 in November 2008 to be anomalous and therefore, thallium is not considered a COC at the Site and is not carried through the risk characterization. In this risk characterization, we evaluate risk from all other compounds that were detected in the Site soil and groundwater.

For groundwater exposures, data from each monitoring well were evaluated as separate exposure points as required by the guidance for a Method 2 risk characterization under the MCP. This approach provides a conservative, health-protective assessment of risk. For soil exposures, we estimated four separate sets of soil EPCs (EPC-1 through EPC-4) for the Site based on the depth at which the soil samples were collected. EPC-1 is estimated as the average concentrations of COCs detected in soil samples collected 0 to 3 feet below the ground surface (bgs). EPC-2 is estimated as the average concentrations of COCs in soil samples collected within 3 to 7 feet bgs. EPC-3 is calculated as the average concentrations of COCs in soil samples collected from 8 to 15bgs. EPC-4 is estimated as the average concentrations of COCs in soil samples collected from 15 to 50 feet bgs.

The soil and groundwater EPCs estimated for the Site are presented in Tables 2 and 3, respectively.

6.0 Risk Characterization

Under the MCP Method 2 risk characterization a condition of “No Significant Risk” (NSR) of harm to human health, public welfare and the environment shall exist if each of the EPCs are

equal to or less than their applicable Method 2 standards, and there are no risks to public safety. This section presents a comparison of risk conditions with reference standards.

We note that Tables 2 and 3 indicate Method 2 standards for many compounds. However, as noted previously, only two compounds detected in soil do not have MCP Method 1 standards and a Method 2 risk characterization was performed to develop comparison standards for those compounds. In accordance with DEP Risk Assessment Guidance all comparison standards presented in the Tables must be identified as Method 2 standards, but for all but two compounds the listed comparison standards are the MCP Method 1 standards.

6.1.1 Risk of Harm to Health, Public Welfare and the Environment

As noted above, two soil COCs do not have Method 1 standards (isopropylbenzene, p-isopropyltoluene). These COCs are identified as tentatively identified compounds (TICs). The mass of these compounds is included in the mass of the aliphatic and aromatic hydrocarbons analyzed as extractable petroleum hydrocarbons (EPH). Therefore, the estimated Site soil EPCs of these compounds are compared to EPH (C_9-C_{18} aliphatics) standards.

In Table 2, soil EPCs are compared with Method 2 S-1/GW-1, S-1/GW-2 and S-1/GW-3 standards. As shown in the table, the estimated soil EPCs are below the established Method 2 standards. In Table 3, groundwater EPCs are compared to Method 2 GW-1, GW-2 and GW-3 standards. The groundwater EPCs are below the applicable Method 2 standards. Therefore, we conclude that a condition of NSR to human health, the environment and public welfare exists at the Site for the conditions evaluated.

6.1.2 Risk of Harm to Public Safety

Threats to public safety include physical conditions and chemical agents that may cause bodily harm or injury (e.g. burns or fractures) as opposed to illness. There are no open pits, lagoons, drums, dangerous structures, or other apparent threats to public safety and no danger of fire or explosion from the conditions evaluated in this report. Thus, we find a condition of NSR of harm to public safety exists for the conditions observed at the Site.

6.2 Risk Characterization Conclusions

Based on the results of this Method 2 Risk Characterization, a condition of NSR of harm to human health, the environment, public welfare and public safety exists at the Site for the conditions evaluated. Since a condition of NSR exists without restriction of Site uses or activities the Site qualifies for a Class A-2 Response Action Outcome Statement.

7.0 Feasibility of Achieving Background

As part of this Response Action Outcome Statement the feasibility of reducing concentrations of OHM to achieve or approach background was evaluated in accordance with 310 CMR 40.0860

and the DEP Guidance Document "*Conducting Feasibility Evaluations Under the MCP*" (Policy #WSC-04-160) dated July 16, 2004. The evaluation criteria applicable to background feasibility include whether the benefits justify the costs or risks associated with the actions taken to achieve background; whether the technology needed to achieve or approach background exists; whether there are individuals with the necessary expertise to conduct the necessary remedial actions; or, if the selected alternative is off-site disposal, whether permitted facilities exist to accept the contaminated media. In accordance with DEP guidance, a finding of infeasibility based on any one of the criteria above is sufficient to conclude that achieving or approaching background is infeasible.

Extensive monitoring at the Site has not identified an on-site source of the compounds detected in groundwater or a definable contaminant plume. Further, the intermittent and sporadic nature of positive analytical results observed over many years indicates that COCs detected in soil and groundwater are either naturally occurring or related to off-site impacts that are migrating through the Site. Naturally-occurring compounds are by definition background that do not require further evaluation, and compounds related to off-site impacts migrating through the Site are beyond the control of the property owner. Therefore, achieving background is not feasible for the conditions identified at the Site.

8.0 Relationship of RAO to Other Disposal Site RAO(s)

310 CMR 40.1056(1) (d) requires a discussion of the relationship between this RAO and any other RAOs that have been filed for the Disposal Site. As discussed previously in this report, RTN 3-19859 was issued in 2000 based on sampling performed in April 1999 and April 2000 which detected elevated concentrations of chloroform and bromodichloromethane in groundwater samples collected near the western property boundary. A Class A-2 RAO Statement was submitted by Carr Research Laboratory on July 25, 2001, indicating that a Permanent Solution had been achieved for this RTN. The RAO indicated that the source of the bromodichloromethane was treatment chemicals (brominating tablets) used in a residential swimming pool located on an upgradient property. The source of the chloroform was identified as a reaction between chlorine used for swimming pool disinfection at the same residence and septage from the septic tank and leach field at the residence.

9.0 Phase V Completion Statement

As discussed herein, and documented in Phase V – ROS Status Reports submitted in February and August 2010, groundwater monitoring performed since submission of the Phase II report has demonstrated that groundwater conditions are at or approaching background, a condition of No Significant Risk has been achieved, an AUL is not needed to limit exposures or Site uses, and further monitoring is not required. Therefore, ROS is being terminated and conditions consistent with completion of the Phase V status of the Site have been achieved. The DEP Transmittal Form for Termination of ROS and Phase V Completion is in Appendix F.

10.0 Public Notifications

As stipulated by 310 CMR 40.1403(3) (f), and 40.1403(7), the following public involvement activities have been completed for the Site:

- Written notification to the parties identified on the Public Involvement Plan (PIP) mailing list was made at least 14 days in advance of the January 13, 2011 PIP meeting and advertisements were published in the December 23 and December 30, 2011 editions of *The Walpole Times* to notify the general public of the PIP meeting. Documentation of the mailing of notification letters to the PIP mailing list, and copies of the newspaper advertisements, are included in Appendix C.

- A copy of the draft RAO Statement/Phase V Completion Statement was put in the Walpole Park South public information repository in the Walpole Public Library, and an electronic copy of the report was put on the Town of Walpole web page (www.walpole-ma.gov).

- Written notification of the availability of this final report has been sent to the parties identified on the PIP mailing list. A copy of the notification letter is in Appendix C.

- A copy of this report will be put in the Walpole Park South public information repository in the Walpole Public Library, and an electronic copy of the report will be submitted for posting on the Town of Walpole web page (www.walpole-ma.gov).

- Letters have been sent notifying the Chief Municipal Officer and the Board of Health of the availability of this RAO Statement/Phase V Completion Statement. Copies of the letters are included in Appendix C.

No comments or questions regarding the draft report were received at the PIP Meeting or during the 20-day comment period ending on February 2, 2011. Therefore, no comments or responses to comments are included herein.

11.0 L.S.P. Opinion and Response Action Outcome Statement

Six rounds of groundwater sampling have been performed at the Site during the period from December 2007 to June 2009 to further evaluate groundwater conditions at monitoring wells where the Phase II report concluded a condition of Significant Risk existed n the July 26, 2006 Phase II report. Remedial actions at the Site were limited to Monitored Natural Attenuation as discussed in the Phase IV report. The results of the risk characterization concluded that a condition of "No Significant Risk" of harm to human health, the environment, public safety or public welfare exists for the current and anticipated future Site conditions and uses evaluated, and that an Activity and Use Limitation is not required to limit uses or exposures at the Site.

In accordance with the MCP, the category of an RAO achieved for a Disposal Site is established based upon the following factors: whether the site poses "No Significant Risk"; whether all

Substantial Hazards posed by the Disposal Site have been eliminated; whether remedial actions were undertaken to achieve a level of "No Significant Risk"; whether one or more AULs are required to maintain a level of "No Significant Risk"; whether concentrations of oil or hazardous materials (OHM) at the site exceed the Upper Concentration Limits (UCLs) in soil and/or groundwater; and whether remedial actions have achieved background in accordance with the MCP. A comparison of these criteria to the conditions evaluated for the Disposal Site indicates that the requirements for a Class A-2 RAO have been met since a Permanent Solution has been achieved, OHM concentrations have not been reduced to background, an AUL is not required, and OHM do not exceed applicable UCLs [310 CMR 40.1036(3)]. The L.S.P. Statement of Limitations and Conditions, and copies of the DEP Transmittal Forms for this Class A-2 RAO Statement/Phase V Completion Statement, are included in Appendix A and Appendix F, respectively.

Table 1. Groundwater Elevation Data - April 2010

Monitoring Well I.D.	Relative Well Casing Elevation (ft)	Depth to Groundwater (ft)	Relative Groundwater Elevation (ft)
MW-1	259.36	13.25	246.11
MW-2	240.90	4.49	236.41
MW-3	236.67	31.49	205.18
MW-4	229.74	32.35	197.39
MW-5S	238.03	13.90	224.13
MW-5D	236.36	11.87	224.49
MW-8	258.61	11.80	246.81
MW-9	256.08	22.72	233.36
GHC-1	241.95	4.73	237.22
GHC-2	258.51	12.37	246.14
GHC-3	252.40	13.51	238.89
GHC-5	236.94	32.26	204.68
GHC-6	236.01	1.35	234.66
RIZ-1	239.60	NM[6]	NM[6]
RIZ-2	234.94	4.85	230.09
RIZ-3	241.52	9.10	232.42
RIZ-8	265.52	20.17	245.35
RIZ-8S	265.38	19.61	245.77
RIZ-9	246.69	5.85	240.84
RIZ-10	No survey data	30.70	No survey data

Notes:

1. Rim elevations for MW and GHC series wells from the "*Groundwater Sampling Report, Winter-Spring 2004* " Report, August 10, 2004
2. Rim elevations for RIZ-1 through RIZ-3 from April 10, 2006 Rizzo Associates survey
3. Rim elevations for RIZ-8 and RIZ-8S surveyed relative to MW-1, MW-8 and GHC-2 on April 25, 2008.
4. Rim elevations for RIZ-9 surveyed relative to RIZ-1 on April 25, 2008
5. Depth to water measured during groundwater screening on April 6, 2010
6. RIZ-1 not gauged due to well being under water and water upwelling proximate to well.

Table 2 **Positive Soil Analytical Data (mg/kg) - Walpole Park South, Walpole, Massachusetts**

Location:	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**
Sample Name:	**MW-3 (5ft)**	**MW-3 (50ft)**	**MW-1-S1-5**	**MW-1-S2-10**	**MW-1-S3-15**	**MW-1-S4-20**	**GHC-1 SS-1**	**GHC-1 SS-3**	**GHC-2 SS-1**	**GHC-2 SS-4**	**GHC-3 SS-1**	**GHC-3 SS-3**	**GHC-4 SS-1**	**GHC-4 SS-3**	**GHC-5 SS-1**	**GHC-5 SS-4**	**GHC-6 SS-1**	**GHC-6 SS-2**	**GHC-7 SS-1**	**GHC-7 SS-4**
Sample Depth:	**5'**	**50'**	**3'-5'**	**8'-10'**	**13'-15'**	**18'-20'**	**0-2'**	**10'-12'**	**0-2'**	**15'-17'**	**0-2'**	**10'-12'**	**0-2'**	**10'-12'**	**0-2'**	**15'-17'**	**0-2'**	**5'-7'**	**0-2'**	**15'-17'**
Laboratory:			**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**	**Spectrum**
Laboratory I.D.:			**AD93588**	**AD93589**	**AD93590**	**AD93591**	**SA07466-01**	**SA07466-03**	**SA07466-04**	**SA07466-06**	**SA07466-08**	**SA07466-10**	**SA07466-12**	**SA07466-14**	**SA07466-15**	**SA07466-18**	**SA07466-24**	**SA07466-25**	**SA07466-27**	**SA07466-30**
Sample Date:	**21-May-03**	**21-May-03**	**16-Jun-03**	**16-Jun-03**	**16-Jun-03**	**16-Jun-03**	**19-Jan-04**	**19-Jan-04**	**19-Jan-04**	**19-Jan-04**	**19-Jan-04**	**19-Jan-04**	**19-Jan-04**	**19-Jan-04**	**19-Jan-04**	**19-Jan-04**	**19-Jan-04**	**19-Jan-04**	**19-Jan-04**	**19-Jan-04**
Consultant:	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**	**GHC**
Acetone							<0.773	<0.783	<0.478	<0.610	<0.668	<0.408	<0.435	<0.690	<0.543	<0.703	<0.800	<0.508	<0.887	<0.819
Ethylbenzene							<0.0386	<0.0392	<0.0239	<0.0305	<0.0334	<0.0204	<0.0218	<0.0345	<0.0272	<0.0352	<0.0400	<0.0254	<0.0443	<0.0409
Isopropylbenzene							<0.0386	<0.0392	<0.0239	<0.0305	<0.0334	<0.0204	<0.0218	<0.0345	<0.0272	<0.0352	<0.0400	<0.0254	<0.0443	<0.0409
Isopropyltoluene, p-							<0.0386	<0.0392	<0.0239	<0.0305	<0.0334	<0.0204	<0.0218	<0.0345	<0.0272	<0.0352	<0.0400	<0.0254	<0.0443	<0.0409
Methylene chloride (dichloromethane)							<0.386	<0.392	<0.239	<0.305	<0.334	<0.204	<0.218	<0.345	<0.272	<0.352	<0.400	<0.254	<0.443	<0.409
Toluene							<0.0386	<0.0392	<0.0239	<0.0305	<0.0334	<0.0204	<0.0218	<0.0345	<0.0272	<0.0352	<0.0400	<0.0254	<0.0443	<0.0409
Arsenic, Total							3.9	4.1	<2.97	<2.89	<3.08	<2.91	<3.03	<3.47	<3.25	<2.94	<3.41	<3.47	<3.22	<3.37
Barium, Total							17.5	32.7	18.3	36.9	9.7	11.1	15.8	42.7	14.1	11.3	17.2	34.9	19.8	24.6
Beryllium, Total																				
Chromium, Total							7.8	3.9	11.7	30.7	6.5	8.1	10.9	4.7	9.7	11.0	10.0	5.6	9.4	12.7
Lead, Total	5.2	5.4	14.5	11.8	90.1	22.7	8.6	4.4	<1.98	18.8	3.1	<1.45	<1.61	<4.62	<2.06	<1.47	4.2	5.0	8.7	<1.96
Nickel, Total																				
Vanadium																				
Zinc, Total																				
Mercury, Total							<0.208	<0.169	<0.166	<0.192	<0.191	<0.173	<0.186	<0.204	<0.174	<0.175	<0.176	<0.184	<0.186	<0.206
C_9-C_{12} Aliphatics							<1.93	<0.196	0.206	<0.153	0.321	<0.102	<0.109	<0.172	<0.136	<0.176	<0.2	<0.127	<0.222	<0.205
C_9-C_{10} Aromatics							<1.93	<0.196	0.747	<0.153	0.786	<0.102	<0.109	<0.172	<0.136	<0.176	<0.2	<0.127	<0.222	<0.205

Notes: For compounds detected at least once above the detection limit, samples reported as not detected (ND) by the laboratory
are assumed to have a concentration of one-half of the method detection limit for that sample.
Concentrations entered as < indicate that they were below the detection limit.
Bold print indicates chemicals with no Method 1 standards which are identified as Extractable Petroleum Hydrocarbons (EPH) components. Therefore, EPH (C9-C18 aliphatics) standards are applied.
*MADEP, Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil, *Technical Update* , May 2002.
The maximum concentrations of all metals detected in Site soils with the exception of beryllium and chromium are less than "natural" soil background. The maximum concentrations of beryllium and chromium are detected in isolated soils (located >15 feet below the ground surface).
NA = Not Available

Table 2 **Positive Soil Analytical Data (mg/kg) - Walpole Park South, Walpole, Massachusetts**

Location:	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**						**Soil EPCs (mg/kg)**							
Sample Name:	**RIZ-1**	**RIZ-2**	**RIZ-3**	**RIZ-4**	**RIZ-5**	**RIZ-6**	**RIZ-7**	**RIZ-8**	**RIZ-9**	**RIZ-10**													
Sample Depth:	**10'-12'**	**15'-17'**	**30'-32'**	**10'-12'**	**1'-3'**	**5'-7'**	**5'-7'**	**9'-11'**	**9'-11'**	**44'-46'**													
Laboratory:	**Con-test**	**Con-test**	**Con-test**	**Con-test**	**Con-test**	**Con-test**	**Con-test**	**Alpha**	**Alpha**	**Alpha**	**Number**	**Number**	**Minimum**	**Maximum**	**Average**					**Method 2**	**Method 2**	**Method 2**	**Concentration**
Laboratory I.D.:	**06B06407**	**06B06408**	**06B06409**	**06B06410**	**06B06411**	**06B06412**	**06B06413**	**L018223-01**	**L018223-02**	**L018223-03**	**of Times**	**of Times**	**Concentration**	**Concentration**	**Concentration**	**Soil**	**Soil**	**Soil**	**Soil**	**Standard**	**Standard**	**Standard**	**In Natural**
Sample Date:	**15-Feb-06**	**15-Feb-06**	**16-Feb-06**	**15-Feb-06**	**16-Feb-06**	**16-Feb-06**	**16-Feb-06**	**5-Dec-07**	**6-Dec-07**	**6-Dec-07**	**Detected**	**Sought**	**Detected**	**Detected**	**Detected**	**EPC-1**	**EPC-2**	**EPC-3**	**EPC-4**	**S-1/GW-1**	**S-1/GW-2**	**S-1/GW-3**	**Soil***
Consultant:	**TTR**	**TTR**	**TTR**	**TTR**	**TTR**	**TTR**	**TTR**	**TTR**	**TTR**	**TTR**						**0-3'**	**3'-7'**	**8'-15'**	**>15'**				**(mg/kg)**
Acetone	<0.059	<0.054	<0.055	<0.047	0.059	0.11	<0.075	0.0073	<0.0065	<0.0055	3	24	0.01	0.11	0.20	0.29	0.13	0.14	0.19	6	50	400	NA
Ethylbenzene	<0.001	<0.002	<0.002	<0.001	0.001	<0.002	<0.002	<0.00063	<0.00065	<0.00055	1	24	0.001	0.001	0.010	0.01	0.00	0.01	0.01	40	500	500	NA
Isopropylbenzene	<0.001	<0.002	<0.002	<0.001	<0.001	0.002	<0.002	<0.00063	<0.00065	<0.00055	1	24	0.002	0.002	0.010	0.01	0.01	0.01	0.01	1,000	1,000	1,000	NA
Isopropyltoluene, p-	<0.001	<0.002	<0.002	<0.001	<0.001	0.015	<0.002	<0.00063	<0.00065	<0.00055	1	24	0.02	0.02	0.010	0.01	0.01	0.01	0.01	1,000	1,000	1,000	NA
Methylene chloride (dichloromethane)	0.042	<0.011	0.030	<0.009	<0.010	<0.011	<0.015	<0.00063	<0.0065	<0.0055	2	24	0.03	0.04	0.10	0.14	0.05	0.07	0.10	0.1	20	200	NA
Toluene	<0.001	<0.002	<0.002	<0.001	<0.001	0.002	<0.002	<0.00094	<0.00097	<0.00082	1	24	0.002	0.002	0.010	0.01	0.01	0.01	0.01	30	500	500	NA
Arsenic, Total	<6.04	<5.67	<5.60	<5.35	<5.4	<6.55	<5.74	1.8	4.0	3.2	5	24	1.8	4.1	2.34	2.0	2.6	2.7	2.2	20	20	20	20
Barium, Total	29.0	42.1	16.9	18.5	16.4	23.9	21.8	18.0	32.0	37.0	24	24	9.7	42.7	23.4	16.1	26.9	26.3	28.1	1,000	1,000	1,000	50
Chromium, Total	14.4	6.4	8.2	6.7	6.5	10.7	5.6	8.3	6.2	6.1	24	24	3.9	30.7	9.2	9.1	7.28	7.5	12.5	30	30	30	30
Lead, Total	6.8	6.3	4.8	6.8	10.6	14.5	12.1	3.8	19.0	18.0	23	30	3.1	90.1	10.4	4.7	10.3	16.2	9.7	300	300	300	100
Nickel, Total	7.2	3.8	6.7	5.64	4.7	6.4	4.7	6.3	5.0	3.7	10	10	3.7	7.2	5.4	4.7	5.5	6.0	4.7	20	20	20	20
Vanadium	13.0	7.7	12.2	9.8	12.5	22.2	10.6	16.0	12.0	7.7	10	10	7.7	22.2	12.4	12.5	16.4	12.7	9.2	600	600	600	30
Zinc, Total	32.3	41.4	27.4	23.2	20.3	24.5	24.9	34.0	45.0	70.0	10	10	20.3	70.0	34.3	20.3	24.7	33.6	46.3	2,500	2,500	2,500	100
Mercury, Total	<0.011	<0.006	<0.005	<0.011	0.016	0.031	0.029	<0.08	<0.08	<0.09	3	24	0.02	0.03	0.06	0.08	0.05	0.05	0.06	20	20	20	0.3
C_9-C_{12} Aliphatics											2	14	0.21	0.32	0.17	0.26	0.06	0.08	0.09	1,000	1,000	1,000	NA
C_9-C_{10} Aromatics											2	14	0.75	0.79	0.24	0.40	0.06	0.08	0.09	100	100	100	NA

Notes: For compounds detected at least once above the detection limit, samples reported as not detected (ND) by the laboratory
are assumed to have a concentration of one-half of the method detection limit for that sample.
Concentrations entered as < indicate that they were below the detection limit.
Bold print indicates chemicals with no Method 1 standards which are identified as Extractable Petroleum Hydrocarbons (EPH) components. Therefore, EPH (C9-C18 aliphatics) standards are applied.
*MADEP, Background Levels of Polycyclic Aromatic Hydrocarbons and Metals in Soil, *Technical Update* , May 2002.
The maximum concentrations of all metals detected in Site soils with the exception of beryllium and chromium are less than "natural" soil background. The maximum concentrations of beryllium and chromium are detected in isolated soils (located >15 feet below the ground surface).
NA = Not Available

Table 3 **Positive Groundwater Analytical Data (µg/L) - Walpole Park South, Walpole, Massachusetts**

Location:				**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**		**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**			**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	**Walpole Pk S.**	
Sample Name:				**MW-2-042808**	**MW-2-GW**	**MW-2**	**MW-2**		**MW-3**	**MW-3-042808**	**MW-3-GW**	**MW-3**	**MW-3**	**MW-3**		**MW-9**	**MW-9-051408**	**MW-9-GW**	**MW-9**	**MW-9**	**MW-9**	
Laboratory:	**Method 2**	**Method 2**	**Method 2**	**Alpha**	**Spectrum**	**Alpha**	**Alpha**		**Alpha**	**Alpha**	**Spectrum**	**Alpha**	**Alpha**	**Alpha**		**Alpha**	**Alpha**	**Spectrum**	**Alpha**	**Alpha**	**Alpha**	
Laboratory I.D.:	**Standard**	**Standard**	**Standard**	**L0806023-07**	**SA87371-05**	**L0907670-07**	**L1008812-03**		**L0718979-07**	**L0806023-03**	**SA87371-07**	**L0908197-01**	**L0918777-07**	**L1008812-01**		**L0718979-05**	**L0806993-02**	**SA87371-04**	**L0907670-04**	**L0918777-01**	**L1008812-08**	
Sample Date:	**GW-1**	**GW-2**	**GW-3**	**28-Apr-08**	**11-Nov-08**	**10-Jun-09**	**11-Jun-10**	**MW-2 Well Average**	**20-Dec-07**	**28-Apr-08**	**11-Nov-08**	**8-Jun-09**	**28-Dec-09**	**11-Jun-10**	**MW-3 Well Average**	**20-Dec-07**	**14-May-08**	**11-Nov-08**	**10-Jun-09**	**21-Dec-09**	**11-Jun-10**	**MW-9 Well Average**
Consultant:				**TTR**	**TTR**	**TTR**	**TTR**		**TTR**	**TTR**	**TTR**	**TTR**	**TTR**	**TTR**		**TTR**	**TTR**	**TTR**	**TTR**	**TTR**	**TTR**	
Chloroform	70	50	20,000	2.2	<1.0	1.0	1.2	1.2	<0.75	<0.50	<1.0	<0.50	<0.5	<0.5	0.3	<0.75	0.71	2.2	0.75	<0.5	<0.5	0.8
Methyl tert-butyl ether	70	50,000	50,000	<0.50	<1.0	<0.50	<0.5	0.3	1.7	<0.50	<1.0	<0.50	<0.5	<0.5	0.5	5.1	7.9	2.7	<0.50	0.77	<0.5	2.8
Toluene	1,000	6,000	50,000	<0.50	<1.0	<0.50	<0.5	0.3	<0.75	<0.50	<1.0	<0.50	<0.5	<0.5	0.3	<0.75	<0.50	<1.0	<0.50	<0.5	<0.5	0.3
Barium, Dissolved	2,000	NA	50,000	31.0	129	70	70	75.0	15.2	10.0	11.4	21	<10	36	16.4	7.0	13.0	18.6	29	56	64	31.3
Lead, Dissolved	15	NA	10	<10.0	<7.5	<10	<10	4.7	<2.0	<10.0	8.8	<10	<10	<10	5.0	<2.0	<10.0	<7.5	<10	<10	<10	4.1
Nickel, Dissolved	100	NA	200	<25.0	<5.0	<25	<25	10.0	<2.0	<25.0	<5.0	<25	<25	<25	8.9	<2.0		<5.0	<25	<25	<25	8.2
Thallium, Dissolved	2	NA	400	<2.0	<5.0	<2.0	<2	ND	<2.0	<2.0	<5.0	<2.0	<2	<2	ND	<2.0		<5.0	<2.0	<2	<2	ND
Zinc, Dissolved	5,000	NA	900	<50.0	28.0	<50	<50	25.8	<20.0	<50.0	34.5	<50	<50	<50	24.1	25.9		34.7	<50	52	51	37.7

For compounds detected at least once above the detection limit, samples reported as not detected (ND) by the laboratory are assumed to have a concentration of one-half of the method detection limit for that sample.
Concentrations entered as < indicate that they were below the detection limit.
NA = Not Applicable; ND = Not Detected

Table 3 **Positive Groundwater Analytical Data (µg/L) - Walpole Park South, Walpole, Massachusetts**

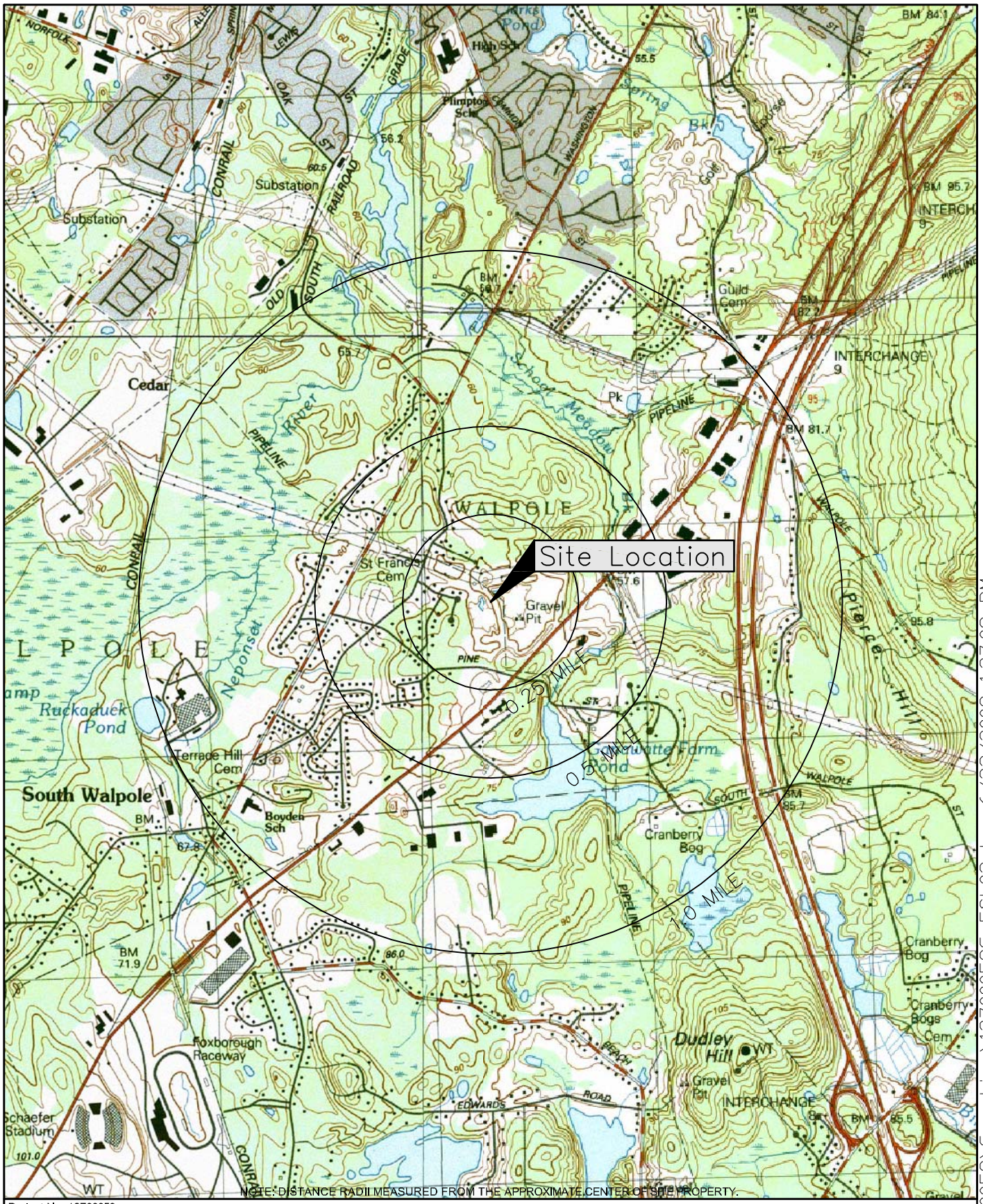
Location:				Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.		Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.		Walpole Pk S.	Walpole Pk S.		Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	
Sample Name:				**RIZ-3**	**RIZ-3-051408**	**RIZ-3-GW**	**RIZ-3**	**RIZ-3**	**RIZ-3**	**RIZ-3**	**RIZ-8**	**RIZ-8-042808**	**RIZ-8-GW**	**RIZ-8**	**RIZ-8**	**RIZ-8**	**RIZ-8**	**RIZ-8S-042808**	**RIZ-8S**	**RIZ-8S**	**RIZ-9**	**RIZ-9-042808**	**RIZ-9-GW**	**RIZ-9**	**RIZ-9**	**RIZ-9**	**RIZ-9**
Laboratory:	**Method 2**	**Method 2**	**Method 2**	**Alpha**	**Alpha**	**Spectrum**	**Alpha**	**Alpha**	**Alpha**	**Well Average**	**Alpha**	**Alpha**	**Spectrum**	**Alpha**	**Alpha**	**Alpha**	**Well Average**	**Alpha**	**ALPHA**	**Well Average**	**Alpha**	**Alpha**	**Spectrum**	**Alpha**	**Alpha**	**Alpha**	**Well Average**
Laboratory I.D.:	**Standard**	**Standard**	**Standard**	**L0718979-06**	**L0806993-01**	**SA87371-03**	**L0907670-06**	**L0918777-04**	**L1008812-02**		**L0718979-01**	**L0806023-04**	**SA87371-02**	**L0907670-02**	**L0918777-02**	**L1008812-07**		**L0806023-05**	**L0907670-03**		**L0718979-03**	**L0806023-02**	**SA87371-06**	**L0907670-08**	**L0918777-05**	**L1008812-05**	
Sample Date:	**GW-1**	**GW-2**	**GW-3**	**20-Dec-07**	**14-May-08**	**11-Nov-08**	**10-Jun-09**	**28-Dec-09**	**11-Jun-10**		**19-Dec-07**	**28-Apr-08**	**11-Nov-08**	**10-Jun-09**	**21-Dec-09**	**11-Jun-10**		**28-Apr-08**	**10-Jun-09**		**19-Dec-07**	**28-Apr-08**	**11-Nov-08**	**10-Jun-09**	**28-Dec-09**	**11-Jun-10**	
Consultant:				**TTR**	**TTR**	**TTR**	**TTR**	**TTR**	**TTR**		**TTR**	**TTR**	**TTR**	**TTR**	**TTR**	**TTR**		**TTR**	**TTR**		**TTR**	**TTR**	**TTR**	**TTR**	**TTR**	**TTR**	
Chloroform	70	50	20,000	<0.75	<0.50	<1.0	<0.50	<0.5	<0.5	0.3	<0.75	<0.50	<1.0	<0.50	<0.5	<0.5	0.3	<0.50	<0.50	0.3	<0.75	<0.50	<1.0	<0.50	<0.5	<0.5	0.3
Methyl tert-butyl ether	70	50,000	50,000	<1.0	<0.50	<1.0	<0.50	<0.5	<0.5	0.3	<1.0	<0.50	<1.0	<0.50	<0.5	<0.5	0.3	<0.50	<0.50	0.3	<1.0	<0.50	<1.0	<0.50	<0.5	<0.5	0.3
Toluene	1,000	6,000	50,000	<0.75	<0.50	<1.0	<0.50	<0.5	<0.5	0.3	<0.75	<0.50	<1.0	<0.50	<0.5	<5	0.7	<0.50	0.71	0.5	<0.75	<0.50	<1.0	<0.50	<0.5	<0.5	0.3
Barium, Dissolved	2,000	NA	50,000	25.6	44.0	86.2	13	177	161	84.5	50.8	25.0	27.6	26	31	<10	27.6	54.0	51	52.5	15.3	21.0	14.8	15	<10	<10	12.7
Lead, Dissolved	15	NA	10	<2.0	<10.0	<7.5	<10	<10	<10	4.1	<2.0	<10.0	<7.5	<10	<10	<10	4.1	<10.0	<10	5.0	<2.0	<10.0	<7.5	<10	<10	<10	4.1
Nickel, Dissolved	100	NA	200	<2.0		<5.0	<25	<25	<25	8.2	4.8	<25.0	<5.0	<25	<25	<25	9.6	<25.0	<25	12.5	<2.0	<25.0	<5.0	<25	<25	<25	8.9
Thallium, Dissolved	2	NA	400	<2.0		<5.0	<2.0	<2	<2	ND	<2.0	<2.0	<5.0	<2.0	<2	<2	ND	<2.0	<2.0	ND	<2.0	<2.0	<5.0	<2.0	<2	<2	ND
Zinc, Dissolved	5,000	NA	900	<20.0		21.0	<50	<50	<50	21.2	<20.0	<50.0	26.4	<50	<50	<50	22.7	<50.0	<50	25.0	<20.0	<50.0	20.0	<50	<50	<50	21.7

For compounds detected at least once above the detection limit, samples reported as not detected (ND) by the laboratory are assumed to have a concentration of one-half of the method detection limit for that sample.
Concentrations entered as < indicate that they were below the detection limit.
NA = Not Applicable; ND = Not Detected

Table 3 **Positive Groundwater Analytical Data (µg/L) - Walpole Park South, Walpole, Massachusetts** **Groundwater Summary Statistics (µg/L)**

Location:				Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.		Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.	Walpole Pk S.					
Sample Name:				RIZ-10	RIZ-10-042808	RIZ-10-GW	RIZ-10	RIZ-10	RIZ-10	RIZ-10	RIZ-10	GHC-6	GHC-6-042808	GHC-6-GW	GHC-6	GHC-6	GHC-6	GHC-6				
Laboratory:	Method 2	Method 2	Method 2	Alpha	Alpha	Spectrum	Alpha	Alpha	Alpha	Alpha	Well	Alpha	Alpha	Spectrum	Alpha	Alpha	Alpha	Alpha	Well	Number	Number	Minimum	Maximum
Laboratory I.D.:	Standard	Standard	Standard	L0718979-02	L0806023-01	SA87371-01	L0818397-01	L0907670-01	L0918777-06	L1008812-06	Average	L0718979-04	L0806023-06	SA87371-08	L0907670-05	L0918777-03	L1008812-04	Average	of Times	of Times	Concentration	Concentration
Sample Date:	GW-1	GW-2	GW-3	19-Dec-07	28-Apr-08	11-Nov-08	11-Dec-08	10-Jun-09	28-Dec-09	11-Jun-10		19-Dec-07	28-Apr-08	11-Nov-08	10-Jun-09	28-Dec-09	11-Jun-10		Detected	Sought	Detected	Detected
Consultant:				TTR	TTR	TTR	TTR	TTR	TTR	TTR		TTR	TTR	TTR	TTR	TTR	TTR					
Chloroform	70	50	20,000	<0.75	<0.50	<1.0		<0.50	<0.5	<0.5	0.3	<0.75	<0.50	<1.0	<0.50	<0.5	<0.5	0.3	6	48	0.7	2.2
Methyl tert-butyl ether	70	50,000	50,000	1.2	<0.50	<1.0		<0.50	<0.5	<0.5	0.5	<1.0	<0.50	<1.0	<0.50	<0.5	<0.5	0.3	6	48	0.8	7.9
Toluene	1,000	6,000	50,000	<0.75	0.73	<1.0		<0.50	<0.5	<0.5	0.4	<0.75	<0.50	<1.0	<0.50	<0.5	<0.5	0.3	2	48	0.7	0.7
Barium, Dissolved	2,000	NA	50,000	95.8	62.0	88.4		148	99	107.0	100.0	45.9	59.0	36.8	66	39	63	51.6	44	48	7.0	177.0
Lead, Dissolved	15	NA	10	<2.0	<10.0	<7.5		<10	<10	<10	4.1	<2.0	<10.0	<7.5	<10	<10	<10	4.1	1	48	8.8	8.8
Nickel, Dissolved	100	NA	200	7.9	<25.0	<5.0		<25	<25	<25	10.1	<2.0	<25.0	<5.0	<25	<25	<25	8.9	2	46	4.8	7.9
Thallium, Dissolved	2	NA	400	<2.0	<2.0	11.6	<2.0	<2	<2	<2	ND*	<2.0	<2.0	<5.0	<2.0	<2	<2	ND	1	47	11.6	11.6
Zinc, Dissolved	5,000	NA	900	21.6	<50.0	36.3		<50	<50	<50	26.3	<20.0	<50.0	21.6	<50	<50	<50	21.9	12	46	20.0	52.0

For compounds detected at least once above the detection limit, samples reported as not detected (ND) by the laboratory
are assumed to have a concentration of one-half of the method detection limit for that sample.
Concentrations entered as < indicate that they were below the detection limit.
NA = Not Applicable; ND = Not Detected; * Thallium detected in RIZ-10 during the November 2008 round of sampling is considered anomalous and therefore, it is not considered to be a COC at the Site. See text for details.



Project No. 12700058

Walpole Park South
Walpole, Massachusetts

0 2,000 Feet

TETRA TECH RIZZO

Information obtained from
USGS Map of Mansfield, Massachusetts
Quadrangle dated 1987 and
USGS Map of Norwood, Massachusetts
Quadrangle dated 1982-1985

Figure
1

Site Locus Plan

J:\Project\12700058\Graphics\12700058G-ESL02.dwg 6/23/2009 1:37:08 PM

TETRA TECH

www.tetratech.com

One Grant Street
Framingham, MA 01701
PHONE: 508-903-2000 FAX: 508-903-2001

Walpole Park

Route 1 and Pine Street
Walpole, Massachusetts

Site Plan with
Monitoring Well Locations

Project No.:	12700058.003
Date:	2/3/2011
Designed By:	R. Johnson

Figure
2

Bar Measures 1 inch

MassDEP - Bureau of Waste Site Cleanup

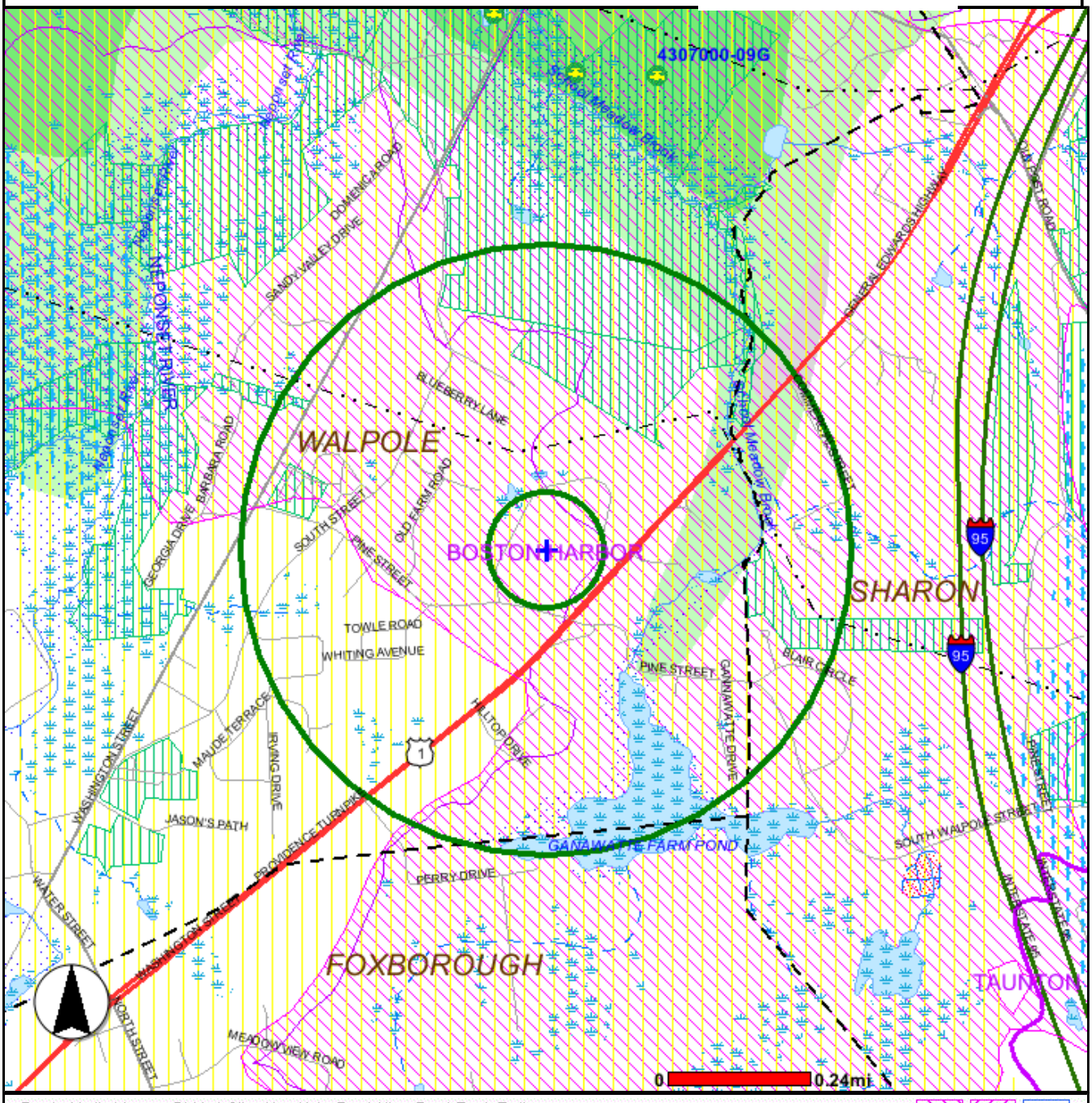
MCP Numerical Ranking System Map: 500 feet & 0.5 Mile Radii

Site Name:
Walpole Park South
Walpole Park South Road
Walpole, MA
RTN: 4-003021915
NAD83 MA Coordinates:
221080mE, 873616mN

January 7, 2011

The information shown on this map is the best available at the date of printing. For more information please refer to www.mass.gov/mgis/massgis.htm

MassDEP
Commonwealth of Massachusetts
Department of Environmental Protection



Appendix A

LSP Statement of Limitations and Conditions

Appendix A: Limitations

1. The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the CLIENT. The work described in this report was carried out in accordance with the Terms and Conditions in our contract.

2. In preparing this report, ENGINEER has relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to ENGINEER at the time of the site assessment. Although there may have been some degree of overlap in the information provided by these various sources, ENGINEER did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment.

3. Observations were made of the Site and of structures on the Site as indicated within the report. Where access to portions of the Site or to structures on the Site was unavailable or limited, ENGINEER renders no opinion as to the presence of hazardous materials or oil, or to the presence of indirect evidence relating to hazardous material or oil, in that portion of the Site or structure. In addition, ENGINEER renders no opinion as to the presence of hazardous material or oil, or the presence of indirect evidence relating to hazardous material or oil, where direct observation of the interior walls, floor, or ceiling of a structure on a Site was obstructed by objects or coverings on or over these surfaces.

4. ENGINEER did not perform testing or analyses to determine the presence or concentration of asbestos at the Site or in the environment at the Site.

5. It is ENGINEER's understanding that the purpose of this report is to assess the physical characteristics of the subject Site with respect to the presence on the Site of hazardous material or oil. This stated purpose has been a significant factor in determining the scope and level of services provided for in the Agreement. Should the purpose for which the Report is to be used or the proposed use of the site(s) change, this Report is no longer valid and use of this Report by CLIENT or others without ENGINEER's review and written authorization shall be at the user's sole risk. Should ENGINEER be required to review the Report after its date of submission, ENGINEER shall be entitled to additional compensation at then existing rates or such other terms as agreed between ENGINEER and the CLIENT.

6. The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

7. Any water level readings made in test pits, borings, and/or observation wells were made at the times and under the conditions stated on the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

8. Except as noted within the text of the report, no quantitative laboratory testing was performed as part of the site assessment. Where such analyses have been conducted by an outside laboratory, ENGINEER has relied upon the data provided and has not conducted an independent evaluation of the reliability of these data.

9. The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. As indicated within the report, some of these data may be preliminary screening level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

10. Chemical analyses have been performed for specific constituents during the course of this site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the Site.

11. This Report was prepared for the exclusive use of the CLIENT. No other party is entitled to rely on the conclusions, observations, specifications, or data contained therein without the express written consent of ENGINEER.

12. The observations and conclusions described in this Report are based solely on the Scope of Services provided pursuant to the Agreement. ENGINEER has not performed any additional observations, investigations, studies, or testing not specifically stated therein. ENGINEER shall not be liable for the existence of any condition, the discovery of which required the performance of services not authorized under the Agreement.

13. The passage of time may result in significant changes in technology, economic conditions, or site variations that would render the Report inaccurate. Accordingly, neither the CLIENT, nor any other party, shall rely on the information or conclusions contained in this Report after six months from its date of submission without the express written consent of ENGINEER. Reliance on the Report after such period of time shall be at the user's sole risk. Should ENGINEER be required to review the Report after six months from its date of submission, ENGINEER shall be entitled to additional compensation at then existing rates or such other terms as may be agreed upon between ENGINEER and the CLIENT.

14. ENGINEER has endeavored to perform its services based upon engineering practices accepted at the time they were performed. ENGINEER makes no other representations, express or implied, regarding the information, data, analysis, calculations, and conclusions contained herein.

15. The services provided by ENGINEER do not include legal advice. Legal counsel should be consulted regarding interpretation of applicable and relevant federal, state, and local statutes and regulations and other legal matters.

Statement of Limitations and Conditions

Attachment to Opinion of Massachusetts Licensed Site Professional

Tetra Tech Rizzo

Name of Licensed Site Professional:	Raymond C. Johnson
LSP Registration Number:	6118
Date of Opinion:	February 3, 2011
Client to Whom Opinion was Rendered:	Walpole Park South Trust
Response Tracking No./Site No.:	4-3021915

This Statement of Limitations and Conditions is an integral part of, and is incorporated by reference into, the Opinion of Massachusetts Licensed Site Professional referenced above.

Limitations

1. Purpose of Opinion

A. This Opinion is being provided in compliance with the requirements set forth in the Massachusetts Contingency Plan ("MCP"), 310 CMR 40.0000 et seq. Specifically, the LSP has prepared this Opinion at the request of the Client identified above as part of a Class A-2 Response Action Outcome Statement/Phase V Completion Statement. This stated purpose has been a significant factor in determining the scope and level of services required to render this Opinion.

B. Should the purpose for which this Opinion is to be used change, this Opinion shall no longer be valid.

2. General

A. This Opinion was prepared for the sole and exclusive use of the Client, subject to the provisions of the MCP. No other party is entitled to rely in any way on the conclusions, observations, specifications, or data contained herein without the express written consent of Tetra Tech Rizzo and the LSP who rendered this opinion. Any use of this Opinion by anyone other than Client, or any use of this Opinion by Client or others for any purpose other than the stated purpose set forth above, without the LSP's review and the written authorization of Tetra Tech Rizzo and the LSP, shall be at the user's sole risk, and neither Tetra Tech Rizzo nor the LSP shall have any liability or responsibility therefor.

B. This Opinion was prepared pursuant to an Agreement between Tetra Tech Rizzo and the Client referenced above which defines the scope of work and sets out agreements regarding waivers of consequential damages, limitations on liability, and other important conditions and restrictions pursuant to which the Opinion is rendered. All uses of the Opinion are subject to and deemed acceptance of the conditions and restrictions contained in such Agreement. A copy of the Agreement or relevant excerpts from the Agreement will be made available upon requests to any authorized person seeking to use the Opinion.

3. Scope of Services

The observations and conclusions described in this Opinion are based solely on the Services provided pursuant to the Agreement with the Client and any approved additional services authorized by Client. Without limitation of any other applicable limitations or conditions, neither Tetra Tech Rizzo nor the LSP shall be liable for the existence of any condition, the discovery of which would have required the performance of services not authorized under the Agreement. To the best of the knowledge and belief of Tetra Tech Rizzo and the LSP who signed this Opinion, no inquiry of an attorney-at-law having being made, no laws, regulations, orders, permits or approvals are applicable to the response actions to which this opinion relates except, if and to the extent applicable, M.G.L. c. 21A, Sections 19-19J, 309 CMR, M.G.L. c. 21 E and 310 CMR 40.0000. Accordingly, this opinion is not intended to and does not address compliance with any other laws, regulation, orders, permits or approvals.

4. Changed Circumstances

The passage of time may result in changes in technology, economic conditions or regulatory standards, manifestations of latent conditions, or the occurrence of future events which would render this Opinion inaccurate or otherwise inapplicable. Neither Tetra Tech Rizzo nor the LSP shall be liable or responsible for the consequences of any such changed circumstances or conditions on the accuracy of this Opinion. In addition, under no circumstances shall the Client nor any other person or entity rely on the information or conclusions contained in this Opinion after six months from its date of submission without the express written consent of Tetra Tech Rizzo and the LSP. Reliance on the Opinion after such period of time shall be at the user's sole risk.

5. Should Tetra Tech Rizzo or the LSP be required or requested to review or authorize others to use this Opinion after its date of submission, Tetra Tech Rizzo shall be entitled to additional compensation at then existing rates or such other terms as may be agreed upon between Tetra Tech Rizzo and the Client. Nothing herein contained shall be deemed to require Tetra Tech Rizzo or the LSP to undertake any such review or authorize others to use this Opinion.

6. The conclusions stated in this Opinion are based upon:

- Visual inspection of existing physical conditions;
- Review and interpretation of site history and site usage information which was made available or obtained within the scope of work authorized by the Client;
- Information provided by the Client;
- Information and/or analyses for designated substances or parameters provided by an independent testing service or laboratory on a limited number of samples; and
- A limited number of subsurface explorations made on dates indicated in documentation supporting this Opinion;

The information upon which the LSP has relied and presumed accurate, and upon which the LSP is entitled to reasonably rely. The LSP was not authorized and did not attempt to independently verify the accuracy or completeness of information or materials received from the Client and/or from laboratories and other third parties during the performance of its services. Neither Tetra Tech Rizzo nor the LSP shall be liable for any condition, information, or conclusion, the discovery of which required information not available to the LSP or for independent investigation of information provided to the LSP by the Client and/or independent third parties.

7. This Opinion is rendered for the limited purpose stated above, and is not and should not be deemed to be an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation. No warranty or guarantee, whether express or implied, is made by this opinion, and any implied warranties of merchantability or fitness for a particular purpose are expressly disclaimed. Without limiting the generality of the foregoing, no warranty or guarantee is made that all contamination at a site or sources or contamination has been detected or identified, that any action or recommended action will achieve all of its objectives, or that this Opinion or any action as to which this Opinion relates will be upheld by any audit conducted by the DEP or any other party.

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Appendix B

Data Usability Assessment Documentation

Appendix B - Data Usability Assessment Summary Table

Sample ID or Series	Parameters	Date Sampled	Soil	Groudwater	Sediment	Site Characterization	EPCs	Hazard Elimination	CAM Compliant (Y/N)	Sample Receipt OK? (Y/N)	Method QA/QC Procedures Followed? (Y/N)	QA/QC Requirements Achieved? (Y/N)	Trip Blanks OK? (Y/N) or NA	Field Duplicate OK? (Y/N) or NA	Relative Percent Difference (RPD)	Appropriate Reporting Limits? (Y/N)	Data Qualifications
RIZ-8	VOCs by 8260, EPH, MCP 14 Metals	19-Dec-07		X		X	X		Y	Y	Y	Y	NA	NA		Y	LCS/LCSD % recoveries for Dichlorodifluoromethand, 1,4-Dioxane and Acetone are outside of the individual acceptance critera for the compounds, but within overall method allowances. The laboratory report indicates that these three compounds are "difficult analytes". None of these compounds are COCs at the Site. Metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
RIZ-10	VOCs by 8260, EPH, MCP 14 Metals	19-Dec-07		X		X	X		Y	Y	Y	Y	NA	NA		Y	LCS/LCSD % recoveries for Dichlorodifluoromethand, 1,4-Dioxane and Acetone are outside of the individual acceptance critera for the compounds, but within overall method allowances. The laboratory report indicates that these three compounds are "difficult analytes". None of these compounds are COCs at the Site. Metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
RIZ-9	VOCs by 8260, EPH, MCP 14 Metals	19-Dec-07		X		X	X		Y	Y	Y	Y	NA	NA		Y	LCS/LCSD % recoveries for Dichlorodifluoromethand, 1,4-Dioxane and Acetone are outside of the individual acceptance critera for the compounds, but within overall method allowances. The laboratory report indicates that these three compounds are "difficult analytes". None of these compounds are COCs at the Site. Metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
GHC-6	VOCs by 8260, EPH, MCP 14 Metals	19-Dec-07		X		X	X		Y	Y	Y	Y	NA	NA		Y	LCS/LCSD % recoveries for Dichlorodifluoromethand, 1,4-Dioxane and Acetone are outside of the individual acceptance critera for the compounds, but within overall method allowances. The laboratory report indicates that these three compounds are "difficult analytes". None of these compounds are COCs at the Site. Metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
MW-9	VOCs by 8260, EPH, MCP 14 Metals	19-Dec-07		X		X	X		Y	Y	Y	Y	NA	NA		Y	LCS/LCSD % recoveries for Dichlorodifluoromethand, 1,4-Dioxane and Acetone are outside of the individual acceptance critera for the compounds, but within overall method allowances. The laboratory report indicates that these three compounds are "difficult analytes". None of these compounds are COCs at the Site. Metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
RIZ-3	VOCs by 8260, EPH, MCP 14 Metals	19-Dec-07		X		X	X		Y	Y	Y	Y	NA	NA		Y	LCS/LCSD % recoveries for Dichlorodifluoromethand, 1,4-Dioxane and Acetone are outside of the individual acceptance critera for the compounds, but within overall method allowances. The laboratory report indicates that these three compounds are "difficult analytes". None of these compounds are COCs at the Site. Metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
MW-3	VOCs by 8260, EPH, MCP 14 Metals	19-Dec-07		X		X	X		Y	Y	Y	Y	NA	NA		Y	LCS/LCSD % recoveries for Dichlorodifluoromethand, 1,4-Dioxane and Acetone are outside of the individual acceptance critera for the compounds, but within overall method allowances. The laboratory report indicates that these three compounds are "difficult analytes". None of these compounds are COCs at the Site. Metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
RIZ-10	VOCs by 524.2, MCP 14 Metals	28-Apr-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	Some metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
RIZ-9	VOCs by 524.2, MCP 14 Metals	28-Apr-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	Some metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
MW-3	VOCs by 524.2, MCP 14 Metals	28-Apr-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	Some metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
RIZ-8	VOCs by 524.2, MCP 14 Metals	28-Apr-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	Some metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
RIZ-8S	VOCs by 524.2, MCP 14 Metals	28-Apr-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	Some metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
GHC-6	VOCs by 524.2, MCP 14 Metals	28-Apr-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	Some metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
MW-2	VOCs by 524.2, MCP 14 Metals	28-Apr-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	Some metals samples were diluted due to the presence of non-target analytes. RDLs are at or below applicable MCP Method 1 standards.
RIZ-10	VOCs by 624, MCP 14 Metals	11-Nov-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	
RIZ-8	VOCs by 624, MCP 14 Metals	11-Nov-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	
RIZ-3	VOCs by 624, MCP 14 Metals	11-Nov-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	
MW-9	VOCs by 624, MCP 14 Metals	11-Nov-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	
MW-2	VOCs by 624, MCP 14 Metals	11-Nov-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	
RIZ-9	VOCs by 624, MCP 14 Metals	11-Nov-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	
MW-3	VOCs by 624, MCP 14 Metals	11-Nov-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	
GHC-6	VOCs by 624, MCP 14 Metals	11-Nov-08		X		X	X		Y	Y	Y	Y	Y	NA		Y	
RIZ-10	Thallium	11-Dec-08		X		X	X		Y	Y	Y	Y	NA	NA		Y	Sample received by laboratory beyoned recommended holding time for laboratory filtration. Not considered to be significant based on absence of turbidity or observed sediment in sample. Sample was diluted because of non-target analytes, but applicable MCP reporting limits were achieved.
RIZ-10	VOCs by 524.2, MCP 14 Metals	10-Jun-09		X		X	X		Y	Y	Y	Y	NA	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.

Appendix B - Data Usability Assessment Summary Table

Sample ID or Series	Parameters	Date Sampled	Soil	Groudwater	Sediment	Site Characterization	EPCs Hazard Elimination	CAM Compliant (Y/N)	Sample Receipt OK? (Y/N)	Method QA/QC Procedures Followed? (Y/N)	QA/QC Requirements Achieved? (Y/N)	Trip Blanks OK? (Y/N) or NA	Field Duplicate OK? (Y/N) or NA	Relative Percent Difference (RPD)	Appropriate Reporting Limits? (Y/N)	Data Qualifications
RIZ-8	VOCs by 524.2, MCP 14 Metals	10-Jun-09		X		X	X		Y	Y	Y	Y	NA	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
RIZ-8S	VOCs by 524.2, MCP 14 Metals	10-Jun-09		X		X	X		Y	Y	Y	Y	NA	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
MW-9	VOCs by 524.2, MCP 14 Metals	10-Jun-09		X		X	X		Y	Y	Y	Y	NA	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
GHC-6	VOCs by 524.2, MCP 14 Metals	10-Jun-09		X		X	X		Y	Y	Y	Y	NA	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
RIZ-3	VOCs by 524.2, MCP 14 Metals	10-Jun-09		X		X	X		Y	Y	Y	Y	NA	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
MW-2	VOCs by 524.2, MCP 14 Metals	10-Jun-09		X		X	X		Y	Y	Y	Y	NA	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
RIZ-9	VOCs by 524.2, MCP 14 Metals	10-Jun-09		X		X	X		Y	Y	Y	Y	NA	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
MW-9	VOCs by 524.2, MCP 14 Metals	21-Dec-09		X		X	X		Y	Y	Y	Y	Y	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
RIZ-8	VOCs by 524.2, MCP 14 Metals	21-Dec-09		X		X	X		Y	Y	Y	Y	Y	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
GHC-6	VOCs by 524.2, MCP 14 Metals	28-Dec-09		X		X	X		Y	Y	Y	Y	Y	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
RIZ-3	VOCs by 524.2, MCP 14 Metals	28-Dec-09		X		X	X		Y	Y	Y	Y	Y	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
RIZ-9	VOCs by 524.2, MCP 14 Metals	28-Dec-09		X		X	X		Y	Y	Y	Y	Y	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
RIZ-10	VOCs by 524.2, MCP 14 Metals	28-Dec-09		X		X	X		Y	Y	Y	Y	Y	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
MW-3	VOCs by 524.2, MCP 14 Metals	28-Dec-09		X		X	X		Y	Y	Y	Y	Y	NA		Y	Metals samples have high detection limits for Antimony and Thallium due to dilutions required by presence of non-target analytes. The applicable MCP reporting limits were achieved.
MW-3	VOCs by 524.2, MCP 14 Metals	11-Jun-10		X		X	X		N	Y	Y	Y	Y	NA		Y	CAM Compliant is N because VOC analysis was performed by EPA Method 524 rather than EPA Method 8260. Method 524 was used to be consistent with the requirements of the annual BOH sampling and because it has lower detection lim than Method 8260. (Data is "non-CAM", not "CAM non-compliant.")
RIZ-3	VOCs by 524.2, MCP 14 Metals	11-Jun-10		X		X	X		N	Y	Y	Y	Y	NA		Y	CAM Compliant is N because VOC analysis was performed by EPA Method 524 rather than EPA Method 8260. Method 524 was used to be consistent with the requirements of the annual BOH sampling and because it has lower detection lim than Method 8260. (Data is "non-CAM", not "CAM non-compliant.")
MW-2	VOCs by 524.2, MCP 14 Metals	11-Jun-10		X		X	X		N	Y	Y	Y	Y	NA		Y	CAM Compliant is N because VOC analysis was performed by EPA Method 524 rather than EPA Method 8260. Method 524 was used to be consistent with the requirements of the annual BOH sampling and because it has lower detection lim than Method 8260. (Data is "non-CAM", not "CAM non-compliant.")
GHC-6	VOCs by 524.2, MCP 14 Metals	11-Jun-10		X		X	X		N	Y	Y	Y	Y	NA		Y	CAM Compliant is N because VOC analysis was performed by EPA Method 524 rather than EPA Method 8260. Method 524 was used to be consistent with the requirements of the annual BOH sampling and because it has lower detection lim than Method 8260. (Data is "non-CAM", not "CAM non-compliant.")
RIZ-9	VOCs by 524.2, MCP 14 Metals	11-Jun-10		X		X	X		N	Y	Y	Y	Y	NA		Y	CAM Compliant is N because VOC analysis was performed by EPA Method 524 rather than EPA Method 8260. Method 524 was used to be consistent with the requirements of the annual BOH sampling and because it has lower detection lim than Method 8260. (Data is "non-CAM", not "CAM non-compliant.")
RIZ-10	VOCs by 524.2, MCP 14 Metals	11-Jun-10		X		X	X		N	Y	Y	Y	Y	NA		Y	CAM Compliant is N because VOC analysis was performed by EPA Method 524 rather than EPA Method 8260. Method 524 was used to be consistent with the requirements of the annual BOH sampling and because it has lower detection lim than Method 8260. (Data is "non-CAM", not "CAM non-compliant.")
RIZ-8	VOCs by 524.2, MCP 14 Metals	11-Jun-10		X		X	X		N	Y	Y	Y	Y	NA		Y	CAM Compliant is N because VOC analysis was performed by EPA Method 524 rather than EPA Method 8260. Method 524 was used to be consistent with the requirements of the annual BOH sampling and because it has lower detection lim than Method 8260. (Data is "non-CAM", not "CAM non-compliant.")
MW-9	VOCs by 524.2, MCP 14 Metals	11-Jun-10		X		X	X		N	Y	Y	Y	Y	NA		Y	CAM Compliant is N because VOC analysis was performed by EPA Method 524 rather than EPA Method 8260. Method 524 was used to be consistent with the requirements of the annual BOH sampling and because it has lower detection lim than Method 8260. (Data is "non-CAM", not "CAM non-compliant.")
RIZ-9 (9'-11')	VOCs by 8260 (High Range and Low Range), MCP 14 Metals	6-Dec-07	X			X	X		Y	Y	Y	Y	NA	NA		Y	LCS/LCSD % recoveries for Dichlorodifluorometh are below the individual acceptance critera for the compounds, but within overall method allowances.
RIZ-10 (44'-46')	VOCs by 8260 (High Range and Low Range), MCP 14 Metals	6-Dec-07	X			X	X		Y	Y	Y	Y	NA	NA		Y	LCS/LCSD % recoveries for Dichlorodifluorometh are below the individual acceptance critera for the compounds, but within overall method allowances.

Appendix C

Public Notification Documentation

TETRA TECH

December 22, 2010

Mr. Thomas A. Driscoll
16 Old Farm Road
Walpole, MA 02081

Re: Notification of Public Involvement Plan Meeting
Walpole Park South
Walpole, Massachusetts
RTN 4-3021915

Dear Mr. Driscoll:

On behalf of Walpole Park South Trust, we are submitting this letter to you, the other petitioners, and others shown on the attached mailing list to inform you that a draft Phase V Completion Statement/Class B-1 Response Action Outcome Statement will be submitted to the public information repository at the Walpole Public Library on or before January 13, 2011. An electronic version of the document will also be submitted to the Town of Walpole and will be available for access on-line at www.walpole.ma.us. Following placement of the draft report in the public information repository a 20-day public comment period will be held to allow the public to review and provide comments regarding the draft report.

We are also providing notification that a Public Involvement Plan (PIP) meeting has been scheduled to present the draft Phase V Completion Statement/Class B-1 Response Action Outcome Statement and receive comments. The PIP meeting will be held on January 13, 2011 in the Main Meeting Room at Walpole Town Hall, 135 School Street, at 7:00 PM. A copy of the advertisement that has been sent to the Walpole Times for publication in the December 23, 2010 edition is attached to this letter.

Please direct any inquiries to the undersigned.

Very truly yours,

Raymond C. Johnson, P.G., L.S.P.
Senior Vice President

Attachments: Mailing List
Advertisement

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One Grant Street
Framingham, MA 01701
Tel 508.903.2000 Fax 508.903.2001

NOTICE OF A PUBLIC INVOLVEMENT PLAN MEETING

Walpole Park South
Walpole Park South Road
Walpole, Massachusetts
RTN 3-21915

Walpole Park South received a petition from residents in Walpole requesting this location be designated as a Public Involvement Plan (PIP) site, in accordance with MGL c.21E § 14 (a). A PIP, dated April 6, 2005, was prepared for this Site indicating that meetings would be held to present major site documents to the public.

In accordance with the PIP, a public meeting will be held in the Main Meeting Room, Walpole Town Hall, 135 School Street, on January 13, 2011 to present the draft Phase V Completion Statement/Class B-1 Response Action Outcome Statement and to provide an opportunity for public comment. Copies of the draft report will be available at the meeting, and will also be placed in the public information repository at the Walpole Public Library on or before January 13, 2011.The public comment period for the RAO Statement will run through February 2, 2011.

Any questions regarding this meeting or the Public Involvement Plan should be directed to Raymond C. Johnson, P.G., L.S.P., Senior Vice President, Tetra Tech, Inc., 1 Grant Street, Framingham, MA 01701-9005, at 508-903-2000.

Public Involvement Plan Mailing List
Walpole Park South
Walpole, Massachusetts
RTN 4-3021915

PIP Petitioners:

Thomas A. Driscoll
16 Old Farm Road
Walpole, MA 02081

Daniel Driscoll
16 Old Farm Road
Walpole, MA 02081

Deborah Driscoll
16 Old Farm Road
Walpole, MA 02081

Dainora Kupcinskas
19 Old Farm Road
Walpole, MA 02081

Aidas Kupcinskas
19 Old Farm Road
Walpole, MA 02081

Brian Backner
21 Briarwood Lane
Walpole, MA 02081

Mark O'Malia
20 Old Farm Road
Walpole, MA 02081

Shaunda O'Malia
20 Old Farm Road
Walpole, MA 02081

Margaret G. Trudell
15 Old Farm Road
Walpole, MA 02081

Mark E. Trudell
15 Old Farm Road
Walpole, MA 02081

Preston J. O'Toole
12 Old Farm Road
Walpole, MA 02081

Lesley Frankel
4 Old Farm Road
Walpole, MA 02081

Richard B. McGrath
3 Old Farm Road
Walpole, MA 02081

Barbara J. McGrath
3 Old Farm Road
Walpole, MA 02081

Robert J. DeSavage
11 Old Farm Road
Walpole, MA 02081

Phil Gouthro
8 Old Farm Road
Walpole, MA 02081

Other Recipients:

Representative Louis L. Kafka
Massachusetts House of Representatives
State House, Room 237
Boston, MA 02133

Ms. Ellie Grillo
Commonwealth of Massachusetts
Department of Environmental Protection
Bureau of Waste Site Cleanup
Southeast Regional Office
20 Riverside Drive
Lakeville, MA 02347

Ms. Robin Chapell, Health Director
Board of Health
Town of Walpole
135 School Street
Walpole, MA 02081

Mr. Michael E. Boynton, Town Administrator
Town of Walpole
135 School Street
Walpole, MA 02081

Ms. Nancy Mackenzie, Chairman
Board of Selectman
Town of Walpole
135 School Street
Walpole, MA 02081

Mr. Kevin Muti, Chairman
Board of Sewer and Water Commissioners
Town of Walpole
135 School Street
Walpole, MA 02081

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Label/Receipt Number: **7008 1300 0002 4578 2476**
Service(s): **Certified Mail™**
Status: **Delivered**

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Detailed Results:

- **Delivered, January 14, 2011, 12:25 pm, WALPOLE, MA 02081**
- **Notice Left, December 24, 2010, 4:02 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

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Get current event information or updates for your item sent to you or others by email. Go >

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Thomas A. Driscoll
16 Old Farm Road
Walpole, MA. 02081

Peg Johnson NT00058.003

2. Article Number (Transfer from service label) 7008 1300 0002 4578 2476

COMPLETE THIS SECTION ON DELIVERY

A. Signature X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) [illegible] C. Date of Delivery 1/14/11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2469**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 4:44 pm on December 28, 2010 in WALPOLE, MA 02081.

Track & Confirm

Enter Label/Receipt Number.

Go >

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Daniel Driscoll
16 Old Farm Road
Walpole, MA. 02081

Ray Johnson 1270058.003

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☑ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7008 1300 0002 4578 2469

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2452**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 12:25 pm on January 14, 2011 in WALPOLE, MA 02081.

Track & Confirm
Enter Label/Receipt Number.
Go >

Detailed Results:

- **Delivered, January 14, 2011, 12:25 pm, WALPOLE, MA 02081**
- **Notice Left, December 24, 2010, 4:01 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Deborah Driscoll
16 Old Farm Road
Walpole, MA. 02081

Ray Johnson 12/20/10

2. Article Number (Transfer from service label) 7008 1300 0002 4578 2452

COMPLETE THIS SECTION ON DELIVERY

A. Signature X Deborah Driscoll ☐ Agent ☐ Addressee

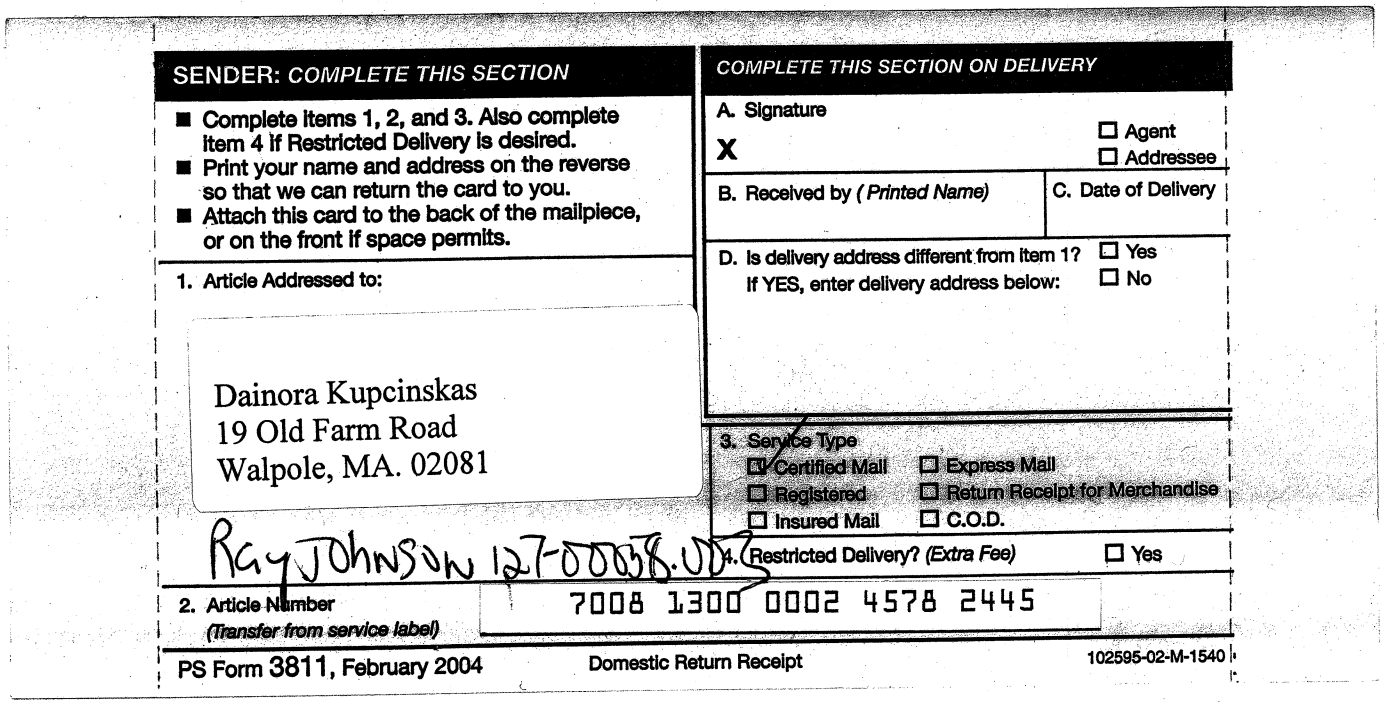
B. Received by (Printed Name) Deborah Driscoll C. Date of Delivery 1/14/11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540



SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Dainora Kupcinskas
19 Old Farm Road
Walpole, MA. 02081

Ray Johnson 127-00038.003

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number
(Transfer from service label) 7008 1300 0002 4578 2445

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

7008 1300 0002 4578 2445

CERTIFIED MAIL™

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

UNITED STATES POSTAGE
PITNEY BOWES
02 1M
0004250888
$ 06.15⁰
DEC 23 2010
MAILED FROM ZIP CODE 01702

TETRA TECH
One Grant Street | Framingham, MA 01701

UNC

Kupcinskas
Road

RETURN TO SENDER
- ☐ MOVED, LEFT NO ADDRESS
- ☐ ATTEMPTED – NOT KNOWN
- ☒ UNCLAIMED ☐ REFUSED
- ☐ NO SUCH STREET
- ☐ NO SUCH NUMBER
- ☐ INSUFFICIENT ADDRESS
- ☐ NOT DELIVERABLE AS ADDRESSED UNABLE TO FORWARD

UNITED STATES POSTAL SERVICE

N/L 12/24

1-13-11

RET 1-18

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2445**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 11:02 am on January 28, 2011 in FRAMINGHAM, MA 01701.

Track & Confirm

Enter Label/Receipt Number.

Go >

Detailed Results:

- **Delivered, January 28, 2011, 11:02 am, FRAMINGHAM, MA 01701**
- **Notice Left, January 28, 2011, 9:12 am, FRAMINGHAM, MA 01701**
- **Unclaimed, January 26, 2011, 10:07 am, WALPOLE, MA**
- **Notice Left, December 24, 2010, 4:24 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Aidas Kupcinskas
19 Old Farm Road
Walpole, MA. 02081

Ruy Johnson 127-00056.003

2. Article Number
(Transfer from service label) 7008 1300 0002 4578 2438

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

7008 1300 0002 4578 2438

CERTIFIED MAIL™

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

UNITED STATES POSTAGE
PITNEY BOWES
02 1M $ 06.15⁰
0004250888 DEC 23 2010
MAILED FROM ZIPCODE 01702

TETRA TECH
One Grant Street | Framingham, MA 01701

12/24 N/L

1-13-11

Ret. 1-18

UNC

Kuncinskas

RETURN TO SENDER

- ☐ MOVED, LEFT NO ADDRESS
- ☐ ATTEMPTED – NOT KNOWN
- ☑ UNCLAIMED ☐ REFUSED
- ☐ NO SUCH STREET
- ☐ NO SUCH NUMBER
- ☐ INSUFFICIENT ADDRESS
- ☐ NOT DELIVERABLE AS ADDRESSED UNABLE TO FORWARD

UNITED STATES POSTAL SERVICE

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2438**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 11:02 am on January 28, 2011 in FRAMINGHAM, MA 01701.

Track & Confirm

Enter Label/Receipt Number.

Go >

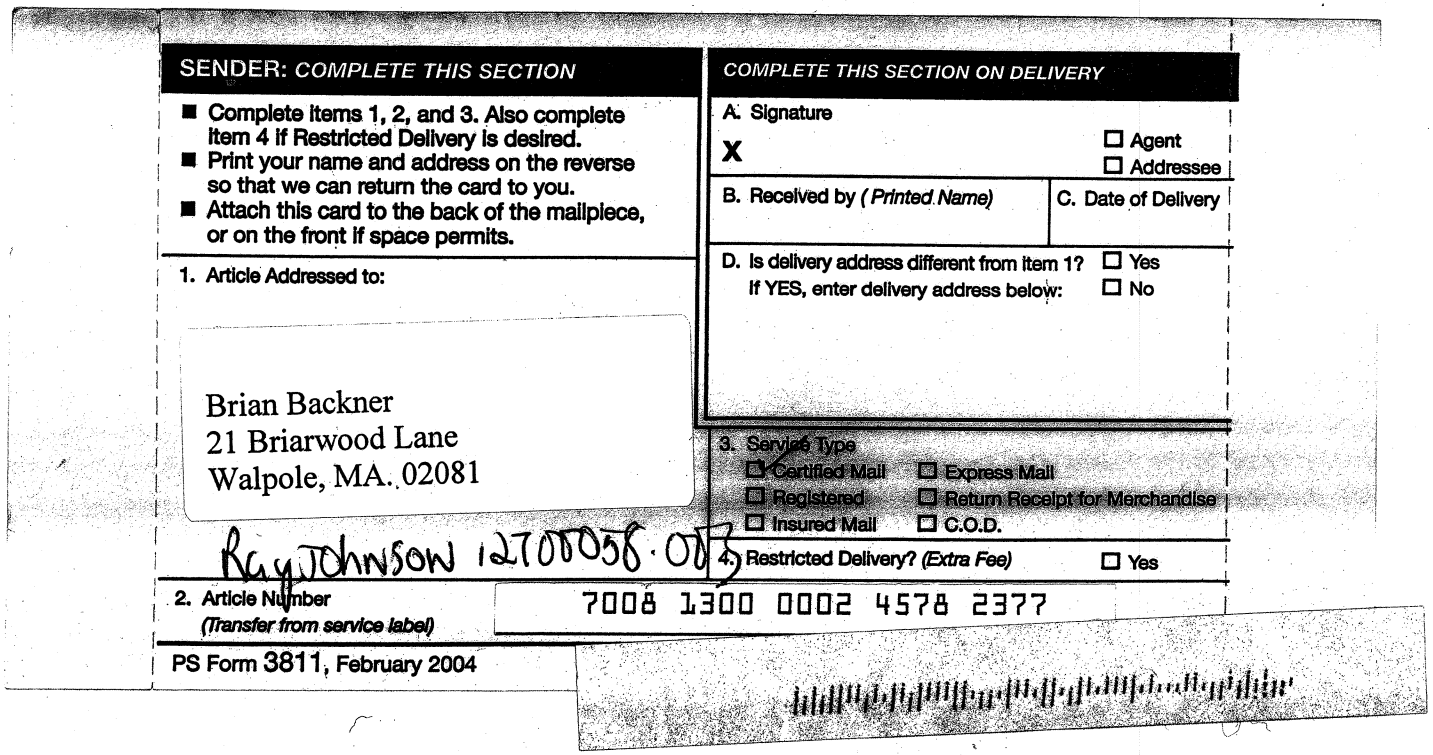
Detailed Results:

- **Delivered, January 28, 2011, 11:02 am, FRAMINGHAM, MA 01701**
- **Notice Left, January 28, 2011, 9:12 am, FRAMINGHAM, MA 01701**
- **Unclaimed, January 26, 2011, 10:07 am, WALPOLE, MA**
- **Notice Left, December 24, 2010, 4:23 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >



SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Brian Backner
21 Briarwood Lane
Walpole, MA. 02081

Ray Johnson 12700058.005

2. Article Number
(Transfer from service label) 7008 1300 0002 4578 2377

PS Form 3811, February 2004

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

7008 1300 0002 4578 2372

CERTIFIED MAIL™

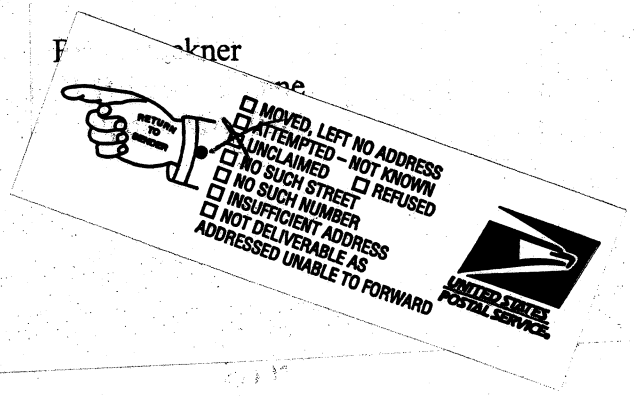
PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

UNITED STATES POSTAGE
PITNEY BOWES
02 1M $ 06.15⁰
0004250888 DEC 23 2010
MAILED FROM ZIP CODE 01702

TETRA TECH
One Grant Street | Framingham, MA 01701

UNE

N/L 12/24
1-13-11
ret 1-18



UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2377**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 11:02 am on January 28, 2011 in FRAMINGHAM, MA 01701.

Track & Confirm

Enter Label/Receipt Number.

Go >

Detailed Results:

- **Delivered, January 28, 2011, 11:02 am, FRAMINGHAM, MA 01701**
- **Notice Left, January 28, 2011, 9:12 am, FRAMINGHAM, MA 01701**
- **Unclaimed, January 26, 2011, 10:07 am, WALPOLE, MA**
- **Notice Left, December 24, 2010, 4:26 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2360**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 3:57 pm on December 24, 2010 in WALPOLE, MA 02081.

Track & Confirm

Enter Label/Receipt Number.

Go >

Detailed Results:

- **Delivered, December 24, 2010, 3:57 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mark O'Malia
20 Old Farm Road
Walpole, MA. 02081

Ruy Johnson 12700036 002

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

[signature]

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7008 1300 0002 4578 2360

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2353**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 3:59 pm on December 24, 2010 in WALPOLE, MA 02081.

Track & Confirm
Enter Label/Receipt Number.
Go >

Detailed Results:

- **Delivered, December 24, 2010, 3:59 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Shaunda O'Malia
20 Old Farm Road
Walpole, MA. 02081

Ruy Johnson 1200056.003

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Shaunda O'Malia ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7008 1300 0002 4578 2353

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2346**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 1:55 pm on December 30, 2010 in WALPOLE, MA 02081.

Track & Confirm

Enter Label/Receipt Number.

Go >

Detailed Results:

- **Delivered, December 30, 2010, 1:55 pm, WALPOLE, MA 02081**
- **Notice Left, December 24, 2010, 4:19 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Margaret G. Trudell
15 Old Farm Road
Walpole, MA. 02081

Ray Johnson 12700535.003

COMPLETE THIS SECTION ON DELIVERY

A. Signature: Margaret Trudell ☐ Agent ☐ Addressee

B. Received by (Printed Name): Margaret Trudell C. Date of Delivery: DEC 30 2010

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7008 1300 0002 4578 2346

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2339**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 1:55 pm on December 30, 2010 in WALPOLE, MA 02081.

Track & Confirm
Enter Label/Receipt Number.
Go >

Detailed Results:

- **Delivered, December 30, 2010, 1:55 pm, WALPOLE, MA 02081**
- **Notice Left, December 24, 2010, 4:20 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mark Trudell
15 Old Farm Road
Walpole, MA. 02081

Ray Johnson 12700058.003

COMPLETE THIS SECTION ON DELIVERY

A. Signature: Mark Trudell ☐ Agent ☐ Addressee

B. Received by (Printed Name) Margaret Trudell C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

DEC 27 2010

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7008 1300 0002 4578 2339

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2322**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 4:21 pm on December 24, 2010 in WALPOLE, MA 02081.

Track & Confirm

Enter Label/Receipt Number.

Go >

Detailed Results:

- **Delivered, December 24, 2010, 4:21 pm, WALPOLE, MA 02081**
- **Notice Left, December 24, 2010, 4:04 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Preston J. O'Toole
12 Old Farm Road
Walpole, MA. 02081

Ruy Johnson 110056.013

2. Article Number *(Transfer from service label)* 7008 1300 0002 4578 2322

COMPLETE THIS SECTION ON DELIVERY

A. Signature X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

Restricted Delivery? *(Extra Fee)* ☐ Yes

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2315**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 4:10 pm on December 24, 2010 in WALPOLE, MA 02081.

Track & Confirm
Enter Label/Receipt Number.
Go >

Detailed Results:

- **Delivered, December 24, 2010, 4:10 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Lesley Frankel
4 Old Farm Road
Walpole, MA. 02081

RAY JOHNSON 12700058.003

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7008 1300 0002 4578 2315

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2308**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 4:14 pm on December 24, 2010 in WALPOLE, MA 02081.

Track & Confirm

Enter Label/Receipt Number.

Go >

Detailed Results:

- **Delivered, December 24, 2010, 4:14 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Richard B. McGrath
3 Old Farm Road
Walpole, MA. 02081

Ray Johnson 12700055 003

2. Article Number *(Transfer from service label)* 7008 1300 0002 4578 2308

COMPLETE THIS SECTION ON DELIVERY

A. Signature X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2292**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 4:16 pm on December 24, 2010 in WALPOLE, MA 02081.

Track & Confirm
Enter Label/Receipt Number.
Go >

Detailed Results:

- **Delivered, December 24, 2010, 4:16 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Barbara J. McGrath
3 Old Farm Road
Walpole, MA. 02081

RMJ JOHNSON 1270058.003

2. Article Number (Transfer from service label) 7008 1300 0002 4578 2292

COMPLETE THIS SECTION ON DELIVERY

A. Signature: X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2421**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 4:09 pm on December 24, 2010 in WALPOLE, MA 02081.

Track & Confirm
Enter Label/Receipt Number.
Go >

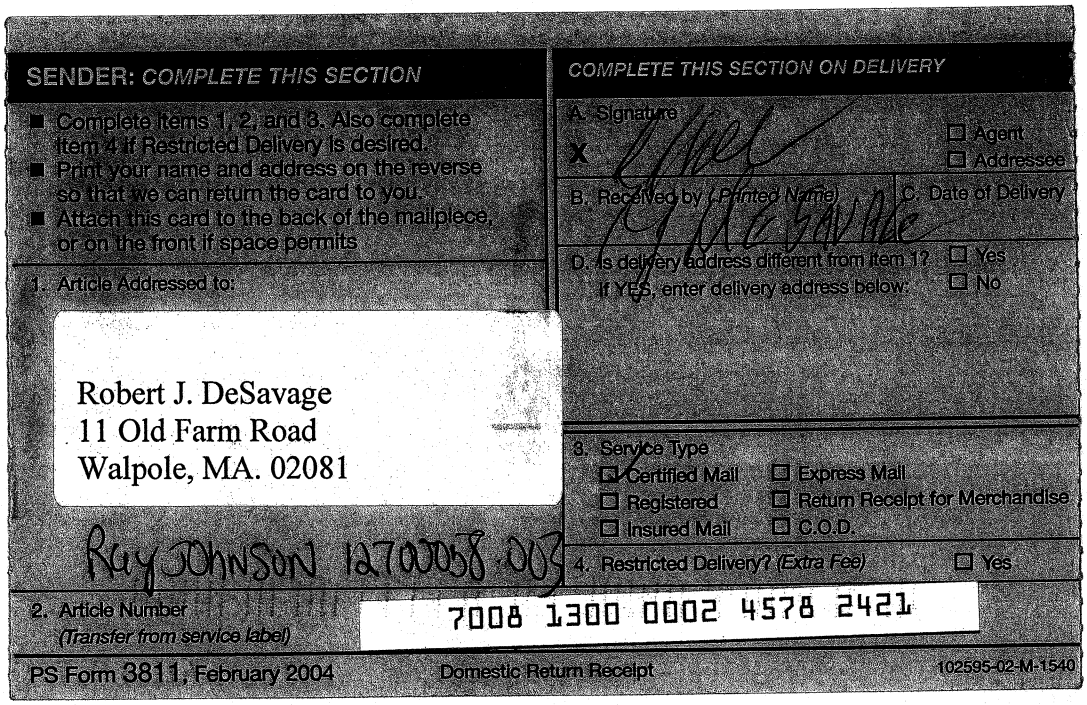
Detailed Results:

- **Delivered, December 24, 2010, 4:09 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Robert J. DeSavage
11 Old Farm Road
Walpole, MA. 02081

Ray Johnson 12700058.009

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7008 1300 0002 4578 2421

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2285**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 4:06 pm on December 24, 2010 in WALPOLE, MA 02081.

Track & Confirm
Enter Label/Receipt Number.
Go >

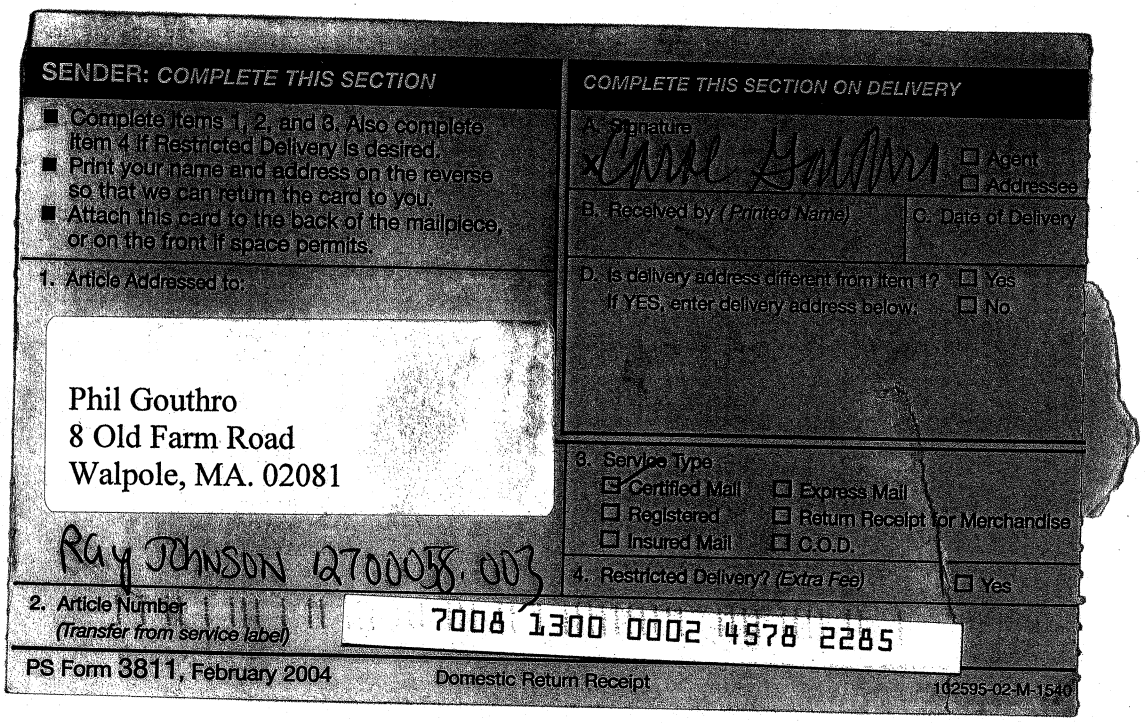
Detailed Results:

- **Delivered, December 24, 2010, 4:06 pm, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Phil Gouthro
8 Old Farm Road
Walpole, MA. 02081

RAY JOHNSON 12700058.003

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7008 1300 0002 4578 2285

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2391**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 11:38 am on December 28, 2010 in BOSTON, MA 02133.

Track & Confirm
Enter Label/Receipt Number.
Go >

Detailed Results:

- **Delivered, December 28, 2010, 11:38 am, BOSTON, MA 02133**
- **Arrival at Unit, December 28, 2010, 6:44 am, BOSTON, MA 02133**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Representative Louis L. Kafka
Massachusetts House of Representatives
State House, Room 237
Boston, MA. 02133

Ray Johnson 1270005K 003

2. Article Number *(Transfer from service label)* 7008 1300 0002 4578 2391

COMPLETE THIS SECTION ON DELIVERY

A. Signature X ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

DEC 2 8 2010

3. Service Type? ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2278**
Service(s): **Certified Mail™**
Status: **Arrival at Unit**

Your item arrived at 8:33 am on December 27, 2010 in LAKEVILLE, MA 02347.

Track & Confirm

Enter Label/Receipt Number.

Go >

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Ms. Ellie Grillo
DEP-Bureau of Waste Site Cleanup
Southeast Regional Office
20 Riverside Drive
Lakeville, MA. 02347

Ray Johnson 12700058.005

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery
DEC 27 2010

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

DEC 28 2010

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7008 1300 0002 4578 2278

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2414**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 10:37 am on December 28, 2010 in WALPOLE, MA 02081.

Track & Confirm
Enter Label/Receipt Number.
Go >

Detailed Results:

- **Delivered, December 28, 2010, 10:37 am, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Ms. Robin Chapell, Health Director
Board of Health
Town of Walpole
135 School Street
Walpole, MA. 02081

Ray Johnson 12700058.003

2. Article Number (Transfer from service label) 7008 1300 0002 4578 2414

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) [signature] C. Date of Delivery 12/28/10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2261**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 10:37 am on December 28, 2010 in WALPOLE, MA 02081.

Track & Confirm
Enter Label/Receipt Number.
Go >

Detailed Results:

- **Delivered, December 28, 2010, 10:37 am, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Michael E. Boynton, Town Administrator
Town of Walpole
135 School Street
Walpole, MA. 02081

Ray Johnson 12/28/10

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Darlene Coomes ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery
Darlene Coomes 12/28/10

D. Is delivery address different from item 1? ☑ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7008 1300 0002 4578 2261

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2407**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 10:37 am on December 28, 2010 in WALPOLE, MA 02081.

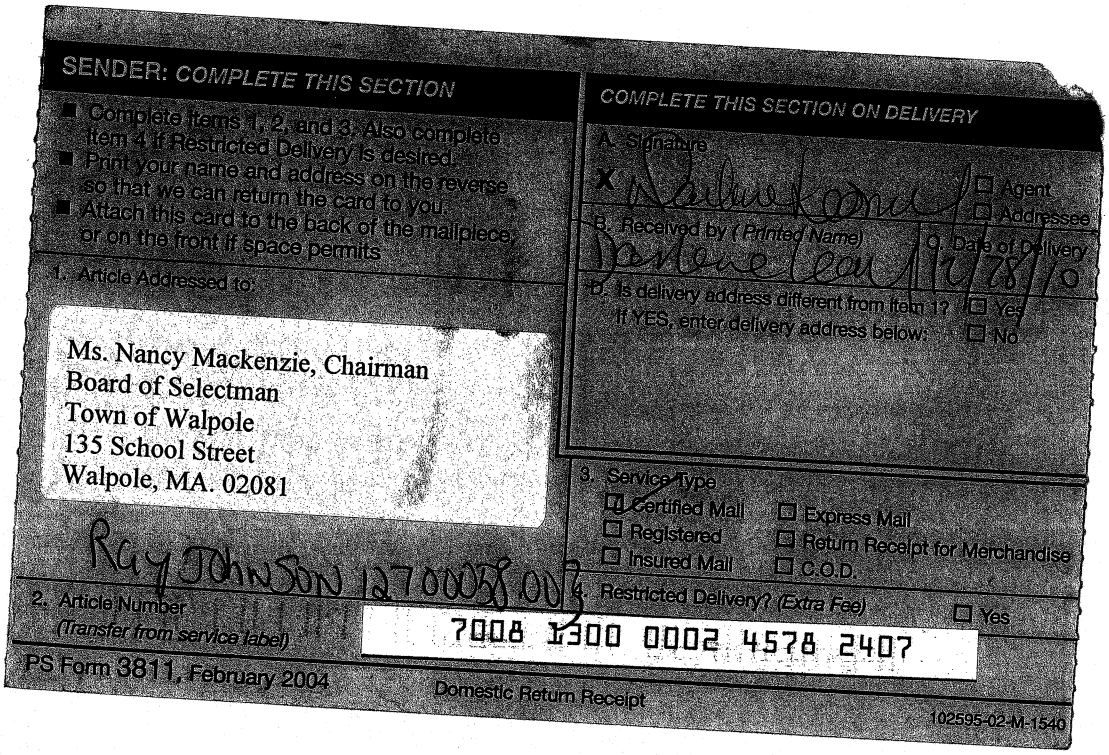
Track & Confirm
Enter Label/Receipt Number.

Go >

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Ms. Nancy Mackenzie, Chairman
Board of Selectman
Town of Walpole
135 School Street
Walpole, MA. 02081

RGJohnson 12700X003

2. Article Number (Transfer from service label) 7008 1300 0002 4578 2407

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) [illegible] C. Date of Delivery 12/28/10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

UNITED STATES POSTAL SERVICE®

Track & Confirm

Search Results

Label/Receipt Number: **7008 1300 0002 4578 2384**
Service(s): **Certified Mail™**
Status: **Delivered**

Your item was delivered at 10:37 am on December 28, 2010 in WALPOLE, MA 02081.

Track & Confirm
Enter Label/Receipt Number.
Go >

Detailed Results:

- **Delivered, December 28, 2010, 10:37 am, WALPOLE, MA 02081**
- **Arrival at Unit, December 24, 2010, 8:48 am, WALPOLE, MA 02081**

Notification Options

Track & Confirm by email

Get current event information or updates for your item sent to you or others by email. Go >

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Kevin Muti, Chairman
Board of Sewer & Water Commissioners
Town of Walpole
135 School Street
Walpole, MA 02081

Ray Johnson 12/10/08 x03

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Dorlene Conway ☑ Agent ☐ Addressee

B. Received by (Printed Name) Dorlene Conway C. Date of Delivery 12/28/10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7008 1300 0002 4578 2384

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

March 19 and April 17. Visit the Market website at www.walpolemafarmersmarket.com for additional details.

Join young swing-dance enthusiast Robert McCarthy for a weekly session of swing dancing in Blackburn Hall. Each session will include a half-hour of basic instruction, followed by two-hours of open dance time. Please wear light, comfortable clothing and your favorite dancin' shoes! Sessions are on Wednesdays from 7-9:30 p.m. Cost is $10 at the door, or register at the Walpole Recreation Department office or at www.WalpoleRec.com.

Lunch served Monday thru Friday at 135 School St., Walpole. Call 508-668-3423 to pre-register 24 hours in advance. Menu is available online at www.hessco.org or the Council on Aging. Suggested confidential donation: $2.50 per meal. HESSCO Elder Services is dedicated to finding solutions to help those over 60 take full advantage of their later years. The agency's goal is to make it easier for older individuals and their families to access a comprehensive system of health and supportive services. To learn the very latest about services for the elderly in South Norfolk County, call HESSCO at 781-784-4944 or visit www.hessco.org.

books for Cradles to Crayons. To find out how to participate in the Holiday Book Drive, contact the Anne Marie Kennedy, Barnes & Noble community relations manager at 508-668-6033.

THURSDAY, DEC. 23

The Red Cross will hold a Walpole community blood drive on Thursday, Dec. 23 from 2-7 p.m. at Epiphany Church, 62 Front St., Walpole. Please call 800-REDCROSS or visit redcrossblood.org. All presenting donors will receive a jar candle from Yankee Candle.

FRIDAY, DEC. 24

Join the United Church in Walpole for Advent and Christmas Celebrations. Dec. 24, on Christmas Eve there will be two services: at 5 p.m. a Family Christmas Service and at 11 p.m. a Candlelight Service with music by the Chancel Choir and Handbell Choir. www.unitedwalpole.org. The United Church in Walpole is located at 30 Common St., next to the post office. All are welcome.

Union Congregational Church announces Christmas season service: Dec. 24 - 7:30 p.m. Christmas Eve Service: Dec. 24 - 11:30 p.m. Christmas Eve Service in the Chapel

MONDAY, DEC. 27

Let's relieve all the stress of the holidays and laugh in 2011 by attending Let's Laugh Today on Monday, Dec. 27 at the First Universalist Society in Franklin Meetinghouse, 262 Chestnut St. in Franklin, at 7:15- 8:30 p.m. We meet on every fourth Monday of the month and everyone is invited to attend. No need to pre-register. There is a $5 donation per person and $10 maximum per family. We laugh in a group and initiate laughter as a form of exercise. Please bring your water bottle because laughing is dehydrating. Linda and Bill Hamaker are Certified Laughter Yoga Teachers. Call 508-660-2223 or see www.letslaughtoday.com for more inform opportunities

THURSI
The Walpo

12/23/10

NOTICE OF A PUBLIC INVOLVEMENT PLAN MEETING

Walpole Park South
Walpole Park South Road
Walpole, Massachusetts
RTN 3-21915

Walpole Park South received a petition from residents in Walpole requesting this location be designated as a Public Involvement Plan (PIP) site, in accordance with MGL c.21E § 14 (a). A PIP, dated April 6, 2005, was prepared for this Site indicating that meetings would be held to present major site documents to the public.

In accordance with the PIP, a public meeting will be held in the Main Meeting Room, Walpole Town Hall, 135 School Street, on January 13, 2011 to present the draft Phase V Completion Statement/Class B-1 Response Action Outcome Statement and to provide an opportunity for public comment. Copies of the draft report will be available at the meeting, and will also be placed in the public information repository at the Walpole Public Library on or before January 13, 2011.The public comment period for the RAO Statement will run through February 2, 2011.

Any questions regarding this meeting or the Public Involvement Plan should be directed to Raymond C. Johnson, P.G., L.S.P., Senior Vice President, Tetra Tech, Inc., 1 Grant Street, Framingham, MA 01701-9005, at 508-903-2000.

THANKS FOR RECYCLING!

Walpole Christmas Tree Recycling
January 3rd- 28th, 2011

Curbside
Same day as your trash collection

Drop Off Locations
Polly Lane parking lot for Bird Park,
Entrance to Lincoln Rd. Landfill,
DPW yard, and Center Pool parking lot.

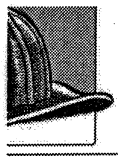
Please remove, tinsel, twine, and ornaments. Trees will not be picked up if they are Covered in snow.

For more information please call the Walpole Board of Health at 508-660-7321.

Get prepared for

Medicare D Plan - Ope

You have trusted us since 1952 with your pr
so trust us to help steer you in the right directio



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CNH.

Dec. 23
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Street via BLS to CNH.

6:18 p.m. Transported one person from Main Street via BLS to CNH.

7:14 p.m. Alarm system activation unintentional on Killeen Road. Smoke was from cooking. Alarms had resent prior to the Fire Department's arrival. Investigation only.

10:01 p.m. Report of people being stuck in an elevator on Elm Street. They were self-rescued before the Fire Department arrived. Elevator removed from service. Building manager notified.

10:05 p.m. A small grease fire in the oven was reported on Endean Drive. The fire was out prior to the Fire Department's arrival. Smoke had to be ventilated from the home. After ventilation, the alarm was reset. No damage to the oven.

Sunday, Dec. 26

2:57 a.m. Responded to a report of a fire in the living was spraying a garden hose on the outside of the home. The siding was burned and melted. Personnel extinguished the fire.

4:26 a.m. Norfolk Ambulance transported one person from Drake Circle via ambulance transported one person from Neponset View Terrace via BLS to CNH.

12:26 p.m. Investigated an odor of gas outside house on Domenica Road.

1:38 p.m. CO detector activation on Plain Street. No CO person to the hospital from Stone Street via BLS.

ALS = Advanced Life Support
BLS = Basic Life Support
CNH = Caritas Norwood Hospital

12/30/10

NOTICE OF A PUBLIC INVOLVEMENT PLAN MEETING

Walpole Park South
Walpole Park South Road
Walpole, Massachusetts
RTN 3-21915

Walpole Park South received a petition from residents in Walpole requesting this location be designated as a Public Involvement Plan (PIP) site, in accordance with MGL c.21E § 14 (a). A PIP, dated April 6, 2005, was prepared for this Site indicating that meetings would be held to present major site documents to the public.

In accordance with the PIP, a public meeting will be held in the Main Meeting Room, Walpole Town Hall, 135 School Street, at 7:00 PM on January 13, 2011 to present the draft Phase V Completion Statement/Class B-1 Response Action Outcome Statement and to provide an opportunity for public comment. Copies of the draft report will be available at the meeting, and will also be placed in the public information repository at the Walpole Public Library on or before January 13, 2011.The public comment period for the RAO Statement will run through February 2, 2011.

Any questions regarding this meeting or the Public Involvement Plan should be directed to Raymond C. Johnson, P.G., L.S.P., Senior Vice President, Tetra Tech, Inc., 1 Grant Street, Framingham, MA 01701-9005, at 508-903-2000.

VS!
alendar
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est St.,
s by 12-
, please

TETRA TECH

February 3, 2011

Mr. Thomas A. Driscoll
16 Old Farm Road
Walpole, MA 02081

Re: Notice of Submission of Class A-2 Response Action Outcome Statement and Phase V Completion Report
Walpole Park South
Walpole, Massachusetts
RTN 4-3021915

Dear Mr. Driscoll:

On behalf of Walpole Park South Trust, we are submitting this letter to you, the other petitioners, and others shown on the attached mailing list to inform you that a Class A-2 Response Action Outcome Statement and Phase V Completion Statement will be submitted to the Massachusetts Department of Environmental Protection (DEP) for the above referenced Disposal Site on or about February 4, 2011.

This notification is being made pursuant to the requirements of the Massachusetts Contingency Plan (MCP) 310 CMR 40.0000. The report will be available for review at the DEP Southeast Regional Office located at 20 Riverside Drive in Lakeville, Massachusetts by appointment. A copy of the report will also be available in the Public Information Repository at the Walpole Public Library and on-line at www.walpole-ma.gov.

Please direct any inquiries to the undersigned.

Very truly yours,

Raymond C. Johnson, P.G., L.S.P.
Senior Vice President

Attachments: Mailing List

P:\Pre-FY2008\12700000\12700058\12700058-003\RAO Statement\PIP Report Notification Letter_February 2011.doc

One Grant Street
Framingham, MA 01701
Tel 508.903.2000 Fax 508.903.2001

Public Involvement Plan Mailing List
Walpole Park South
Walpole, Massachusetts
RTN 4-3021915

PIP Petitioners:

Thomas A. Driscoll
16 Old Farm Road
Walpole, MA 02081

Daniel Driscoll
16 Old Farm Road
Walpole, MA 02081

Deborah Driscoll
16 Old Farm Road
Walpole, MA 02081

Dainora Kupcinskas
19 Old Farm Road
Walpole, MA 02081

Aidas Kupcinskas
19 Old Farm Road
Walpole, MA 02081

Brian Backner
21 Briarwood Lane
Walpole, MA 02081

Mark O'Malia
20 Old Farm Road
Walpole, MA 02081

Shaunda O'Malia
20 Old Farm Road
Walpole, MA 02081

Margaret G. Trudell
15 Old Farm Road
Walpole, MA 02081

Mark E. Trudell
15 Old Farm Road
Walpole, MA 02081

Preston J. O'Toole
12 Old Farm Road
Walpole, MA 02081

Lesley Frankel
4 Old Farm Road
Walpole, MA 02081

Richard B. McGrath
3 Old Farm Road
Walpole, MA 02081

Barbara J. McGrath
3 Old Farm Road
Walpole, MA 02081

Robert J. DeSavage
11 Old Farm Road
Walpole, MA 02081

Phil Gouthro
8 Old Farm Road
Walpole, MA 02081

Other Recipients:

Representative Louis L. Kafka
Massachusetts House of Representatives
State House, Room 237
Boston, MA 02133

Ms. Ellie Grillo
Commonwealth of Massachusetts
Department of Environmental Protection
Bureau of Waste Site Cleanup
Southeast Regional Office
20 Riverside Drive
Lakeville, MA 02347

Ms. Robin Chapell, Health Director
Board of Health
Town of Walpole
135 School Street
Walpole, MA 02081

Mr. Michael E. Boynton, Town Administrator
Town of Walpole
135 School Street
Walpole, MA 02081

Ms. Nancy Mackenzie, Chairman
Board of Selectman
Town of Walpole
135 School Street
Walpole, MA 02081

Mr. Kevin Muti, Chairman
Board of Sewer and Water Commissioners
Town of Walpole
135 School Street
Walpole, MA 02081

TETRA TECH

February 3, 2011

Ms. Nancy Mackenzie, Chairman
Board of Selectmen
Town of Walpole
135 School Street
Walpole, MA 02081

Re: Notice of Submission of Class A-2 Response Action Outcome Statement and Phase V Completion Report
Walpole Park South
Walpole, Massachusetts
RTN 4-3021915

Dear Ms. Mackenzie:

On behalf of Walpole Park South, Tetra Tech, Inc. is providing this notification that a Class A-2 Response Action Outcome Statement and Phase V Completion Statement will be submitted to the Massachusetts Department of Environmental Protection (DEP) for the above referenced Disposal Site on or about February 4, 2011.

This notification is being made pursuant to the requirements of the Massachusetts Contingency Plan (MCP) 310 CMR 40.0000. The report will be available for review at the DEP Southeast Regional Office located at 20 Riverside Drive in Lakeville, Massachusetts by appointment. A copy of the report will also be available in the Public Information Repository at the Walpole Public Library and on-line at www.walpole-ma.gov.

Please contact the undersigned if you have any questions.

Very truly yours,

Raymond C. Johnson, P.G., L.S.P.
Senior Vice President

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One Grant Street
Framingham, MA 01701
Tel 508.903.2000 Fax 508.903.2001

TETRA TECH

February 3, 2011

Ms. Robin Chapell, Health Agent
Town of Walpole
Board of Health
135 School Street
Walpole, MA 02081

Re: Notice of Submission of Class A-2 Response Action Outcome Statement and Phase V Completion Report
Walpole Park South
Walpole, Massachusetts
RTN 4-3021915

Dear Ms. Chapell:

On behalf of Walpole Park South, Tetra Tech, Inc. is providing this notification that a Class A-2 Response Action Outcome Statement and Phase V Completion Statement will be submitted to the Massachusetts Department of Environmental Protection (DEP) for the above referenced Disposal Site on or about February 4, 2011.

This notification is being made pursuant to the requirements of the Massachusetts Contingency Plan (MCP) 310 CMR 40.0000. The report will be available for review at the DEP Southeast Regional Office located at 20 Riverside Drive in Lakeville, Massachusetts by appointment. A copy of the report will also be available in the Public Information Repository at the Walpole Public Library and on-line at www.walpole-ma.gov.

Please contact the undersigned if you have any questions.

Very truly yours,

Raymond C. Johnson, P.G., L.S.P.
Senior Vice President

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One Grant Street
Framingham, MA 01701
Tel 508.903.2000 Fax 508.903.2001

Appendix D

Soil Boring Logs and Monitoring Well Construction Diagrams

GeoHydroCycle, Inc.

425 Newtonville Avenue Newton, MA 02460
(617) 527-8074
(617) 527-8668

Environmental Drilling Log

Project: Walpole Park South	Project No. GHC# 03027	Location No. GHC-1	Sheet 1 of 1
Drilling Location: In the parking lot of the first building to the west of the Route 1 main entrance to Walpole Park South.	Begun: 01/19/04 @ 14:50		
	Finished: 01/19/04 @ 16:15		
Drill Rig: Truck Mounted Rig	Inspector: TWM and KAR		
Drill Hole Diameter: 6.25"	Driller: TDS - Steve and Tim	Groundwater Depth @ Completion	
Sampler Type: Split Spoon	Weather: Sunny and windy	Date/Time	Depth / Meas. Pt.
Sampler Length: 24"	Temperature: 25°		TOC/Grnd

Depth	Sample No.	Sample Depth	Sample Recov.	Rock RQD	Soil Blows per 6"	Sample Description/ Detector Readings	Stratigraphic Description	Materials Installed
								Road Box (0.0')
	SS-1	(0-2')	24"		46/41/38/31	Dense, brown, f-c SAND, some Gravel, Topsoil.		Cement 1-0'
								Betonite 3-2'
5	SS-2	(5-7')	12"		28/38/38/20	Dense, brown, f. SAND, broken		
						rock pieces.		2" PVC Riser
								Pipe 11.5-0'
10	SS-3	(10-12')	8"		12/33/41/17	Dense, brown, f-c SAND, broken		
						rock pieces, Saturated.		
								Sand 20-3'
15	SS-4	(15-17')	4"		6/10/12/15	Medium, brown, f-c SAND,		
						broken rock pieces.		
								2" PVC 10-Slot
								Screen 20-5'
20								
						EOB = 20 feet.		
25								
30								
35								

MINOR COMPONENTS

and	35 to 50%
some	20 to 35%
little	10 to 20%
trace	1 to 10%

RELATIVE DENSITY

0-4	very loose
4-10	loose
10-30	medium
30-50	dense
>50	very dense

OVERALL PLASTICITY

Slight	Clayey SILT	1/4"
Low	SILT & CLAY	1/8"
Medium	CLAY & SILT	1/16"
High	Silty CLAY	1/32"
Very High	CLAY	1/64"

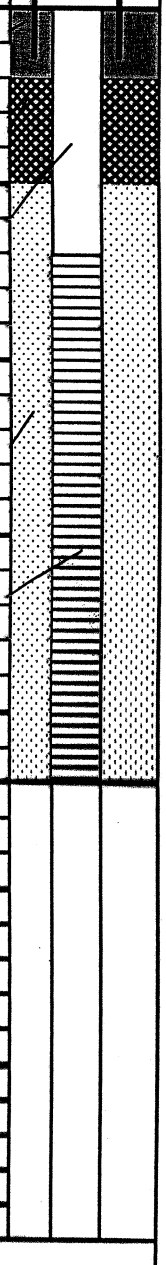
GeoHydroCycle, Inc.

425 Newtonville Avenue Newton, MA 02460
(617) 527-8074
(617) 527-8668

Environmental Drilling Log

Project: Walpole Park South	Project No. GHC# 03027	Location No. GHC-2	Sheet 1 of 1
Drilling Location: Located in southern most portion of the parking lot for the building on the southwestern side of the Walpole Park South Property.	Begun: 01/19/04 @ 13:00		
	Finished: 01/19/04 @ 14:40		
Drill Rig: Truck Mounted Rig	Inspector: TWM		
Drill Hole Diameter: 6.25"	Driller: TDS - Shawn	Groundwater Depth @ Completion	
Sampler Type: Split Spoon	Weather: Sunny and windy	Date/Time	Depth / Meas. Pt.
Sampler Length: 24"	Temperature: 25°	1/19/04 @ 15:35	18.19 TOC/Grnd

Depth	Sample No.	Sample Depth	Sample Recov.	Rock RQD	Soil Blows per 6"	Sample Description/ Detector Readings	Stratigraphic Description	Materials Installed
								Road Box (0.0')
	SS-1	(0-2')				Brown, f-m SAND, little Gravel.		Cement 2-0'
								Betonite 5-2'
5	SS-2	(5-7')	14"		12/38/48/60+	Dense, brown, f-c SAND, trace Gravel.		
								2" PVC Riser
								Pipe 7-0'
10	SS-3	(10-12')	0"		102/-/-/-	No Sample.		
								Sand 22-5'
15	SS-4	(15-17')	12"		29/19/30/15	Medium, brown, f-m Sand, little Gravel, Saturated.		
								2" PVC 10-Slot
								Screen 22-7'
20	SS-5	(20-22')	7"		55/80/-/-	Dense, brown, f-c SAND, trace Silt, trace Gravel.		
						EOB = 22 feet.		
25								
30								
35								



MINOR COMPONENTS

and	35 to 50%
some	20 to 35%
little	10 to 20%
trace	1 to 10%

RELATIVE DENSITY

0-4	very loose
4-10	loose
10-30	medium
30-50	dense
>50	very dense

OVERALL PLASTICITY

Slight	Clayey SILT	1/4"
Low	SILT & CLAY	1/8"
Medium	CLAY & SILT	1/16"
High	Silty CLAY	1/32"
Very High	CLAY	1/64"

GeoHydroCycle, Inc.

Environmental Drilling Log

425 Newtonville Avenue Newton, MA 02460
(617) 527-8074
(617) 527-8668

Project: Walpole Park South	Project No. GHC# 03027	Location No. GHC-3	Sheet 1 of 1
Drilling Location: Located in northwestern portion of the parking lot for the building on the southwestern side of the Walpole Park South Property.	Begun: 01/19/04 @ 13:10		
	Finished: 01/19/04 @ 14:30		
Drill Rig: Truck Mounted Rig	Inspector: LCB		
Drill Hole Diameter: 6.25"	Driller: TDS - Shawn	Groundwater Depth @ Completion	
Sampler Type: Split Spoon	Weather: Sunny and windy	Date/Time	Depth / Meas. Pt.
Sampler Length: 24"	Temperature: 25°		TOC/Grnd

Depth	Sample No.	Sample Depth	Sample Recov.	Rock RQD	Soil Blows per 6"	Sample Description/ Detector Readings	Stratigraphic Description	Materials Installed
								Road Box (0.0')
	SS-1	(0-2')	24"		32/32/11/5	Mediun, brown, f. SAND, some Gravel, Topsoil.		Cement 1-0'
								Native Fill 2-1'
5	SS-2	(5-7')	12"		14/26/20/11	Medium, brown, f. SAND, some Gravel.		Betonite 4-2'
								2" PVC Riser
								Pipe 6-0'
								Sand 16-4'
10	SS-3	(10-12')	18"		13/13/18/15	Medium, brown, f. SAND, little Gravel.		
								2" PVC 10-Slot Screen 16-6'
15	SS-4	(15-17')	10"		13/100+/-/-	Dense, brown, f. SAND, broken rock pieces.		
						EOB = 16 feet.		
20								
25								
30								
35								

MINOR COMPONENTS

and	35 to 50%
some	20 to 35%
little	10 to 20%
trace	1 to 10%

RELATIVE DENSITY

0-4	very loose
4-10	loose
10-30	medium
30-50	dense
>50	very dense

OVERALL PLASTICITY

Slight	Clayey SILT	1/4"
Low	SILT & CLAY	1/8"
Medium	CLAY & SILT	1/16"
High	Silty CLAY	1/32"
Very High	CLAY	1/64"

GeoHydroCycle, Inc.

425 Newtonville Avenue Newton, MA 02460
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Environmental Drilling Log

Project: Walpole Park South	Project No. GHC# 03027	Location No. GHC-4	Sheet 1 of 1
Drilling Location: Located in a field in the northeastern most portion of the Walpole Park South Property.	Begun: 01/19/04 @ 11:20		
	Finished: 01/19/04 @ 12:50		
Drill Rig: Truck Mounted Rig	Inspector: TWM		
Drill Hole Diameter: 6.25"	Driller: TDS - Shawn	Groundwater Depth @ Completion	
Sampler Type: Split Spoon	Weather: Sunny and windy	Date/Time	Depth / Meas. Pt.
Sampler Length: 24"	Temperature: 25°	1/19/04 @ 15:05	11.87 TOC/Grnd

Depth	Sample No.	Sample Depth	Sample Recov.	Rock RQD	Soil Blows per 6"	Sample Description/ Detector Readings	Stratigraphic Description	Materials Installed
								Road Box (0.0')
	SS-1	(0-2')				Light-brown, f. SAND, trace c. Sand.		Cement 1-0'
								Betonite 2-1'
5	SS-2	(5-7')	16"		17/20/17/16	Medium, brown, f-c SAND, little Gravel.		2" PVC Riser
								Pipe 3-0'
								Sand 13-2'
10	SS-3	(10-12')	14"		16/17/18/3	Medium, dark-brown, f-m SAND, Saturated.		2" PVC 10-Slot Screen 13-3'
						EOB = 13 feet.		
15								
20								
25								
30								
35								

MINOR COMPONENTS

and	35 to 50%
some	20 to 35%
little	10 to 20%
trace	1 to 10%

RELATIVE DENSITY

0-4	very loose
4-10	loose
10-30	medium
30-50	dense
>50	very dense

OVERALL PLASTICITY

Slight	Clayey SILT	1/4"
Low	SILT & CLAY	1/8"
Medium	CLAY & SILT	1/16"
High	Silty CLAY	1/32"
Very High	CLAY	1/64"

GeoHydroCycle, Inc.

425 Newtonville Avenue Newton, MA 02460
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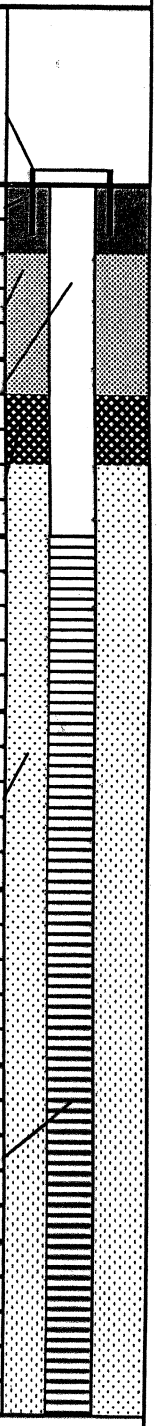
(617) 527-8668

Environmental Drilling Log

Project: Walpole Park South	Project No. GHC# 03027	Location No. GHC-5	Sheet 1 of 1
Drilling Location: Located in northwestern portion of the parking lot for the building on the southwestern side of the Walpole Park South Property.	Begun: 01/19/04 @ 09:00		
	Finished: 01/19/04 @ 11:10		
Drill Rig: Truck Mounted Rig	Inspector: TWM		
Drill Hole Diameter: 6.25"	Driller: TDS - Shawn	Groundwater Depth @ Completion	
Sampler Type: Split Spoon	Weather: Sunny and windy	Date/Time	Depth / Meas. Pt. TOC/Grnd
Sampler Length: 24"	Temperature: 25°		

Depth	Sample No.	Sample Depth	Recov.	Rock RQD	Soil Blows per 6"	Sample Description/ Detector Readings	Stratigraphic Description	Materials Installed
								Road Box (0.0')
	SS-1	(0-2')				Brown, f-c SAND, trace Gravel, trace Silt.		Cement 2-0'
5	SS-2	(5-7')	9"		9/7/6/16	Very loose, Grey, f-c SAND, trace Gravel, trace Silt.		Native Fill 6-2'
								2" PVC Riser Pipe 10-0'
10	SS-3	(10-12')	17"		11/5/9/14	Very loose, Grey-brown, f SAND, trace m Sand, trace c Sand, trace Silt.		Betonite 8-6'
15	SS-4	(15-17')	13"		7/14/14/21	Loose, Brown, f-c SAND, trace Gravel, trace Silt, Saturated.		Sand 40-8'
20	SS-5	(20-22')	17"		7/12/21/18	Medium, Brown, f-c SAND, trace Gravel, trace Silt, Saturated.		
25	SS-6	(25-27')	14"		6/19/31/34	Medium, Grey, f-c SAND, trace Silt, Saturated.		2" PVC 10-Slot Screen 40-10'
30	SS-7	(30-32')			25/32/46/38	Dense, Grey-brown, f SAND, trace m Sand, trace c Sand, trace Silt, Saturated.		
35	SS-8	(35-37')	17"		24/38/46/66	Dense, Grey-brown, f SAND, trace m Sand, trace c Sand, trace Silt, Moist.		



MINOR COMPONENTS

and	35 to 50%
some	20 to 35%
little	10 to 20%
trace	1 to 10%

RELATIVE DENSITY

0-4	very loose
4-10	loose
10-30	medium
30-50	dense
>50	very dense

OVERALL PLASTICITY

Slight	Clayey SILT	1/4"
Low	SILT & CLAY	1/8"
Medium	CLAY & SILT	1/16"
High	Silty CLAY	1/32"
Very High	CLAY	1/64"

GeoHydroCycle, Inc.

425 Newtonville Avenue Newton, MA 02460
(617) 527-8074
(617) 527-8668

Environmental Drilling Log

Project: Walpol

Project No. GHC# 03027 | Boring No. GHC-5 | Sheet 2 of

Depth	Sample No.	Sample Depth	Sample Recov.	Rock RQD	Soil Blows per 6"	Sample Description	Stratigraphic Description	Materials Installed
40	SS-9	(40-42')	12"		28/48/29/19	Dense, Brown, f SAND, little Silt, trace Gravel, trace m Sand, trace c Sand, Moist.		2" PVC 10-Slot Screen 40-10'
						EOB = 40 feet.		

MINOR COMPONENTS

and	35 to 50%
some	20 to 35%
little	10 to 20%
trace	1 to 10%

RELATIVE DENSITY

0-4	very loose
4-10	loose
10-30	medium
30-50	dense
>50	very dense

OVERALL PLASTICITY

Slight	Clayey SILT	1/4"
Low	SILT & CLAY	1/8"
Medium	CLAY & SILT	1/16"
High	Silty CLAY	1/32"
Very High	CLAY	1/64"

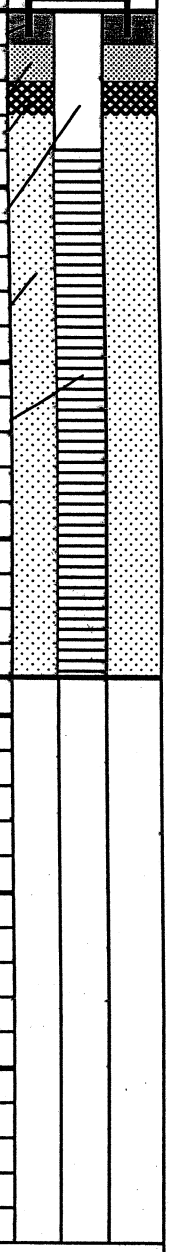
GeoHydroCycle, Inc.

Environmental Drilling Log

425 Newtonville Avenue Newton, MA 02460
(617) 527-8074
(617) 527-8668

Project: Walpole Park South	Project No. GHC# 03027	Location No. GHC-6	Sheet 1 of 1
Drilling Location: Located next to some picnic tables in the center of the Walpole Park South Property.	Begun: 01/19/04 @ 11:15		
	Finished: 01/19/04 @ 12:50		
Drill Rig: Truck Mounted Rig	Inspector: LCB		
Drill Hole Diameter: 6.25"	Driller: TDS - Shawn	Groundwater Depth @ Completion	
Sampler Type: Split Spoon	Weather: Sunny and windy	Date/Time	Depth / Meas. Pt.
Sampler Length: 24"	Temperature: 25°	1/19/04 @ 15:20	8.71 TOC/Grnd

Depth	Sample No.	Sample Depth	Sample Recov.	Rock RQD	Soil Blows per 6"	Sample Description/ Detector Readings	Stratigraphic Description	Materials Installed
								Road Box (0.0')
	SS-1	(0-2')	24"		19/15/24/39	Medium, brown, f-m SAND, some Gravel, Topsoil.		Cement 1-0'
								Native Fill 2-1'
								Betonite 3-2'
5	SS-2	(5-7')	20"		9/23/26/34	Medium, brown, f-c SAND, some Gravel, broken rock pieces.		2" PVC Riser
								Pipe 4-0'
								Sand 19-3'
10	SS-3	(10-12')	24"		7/8/12/14	Loose, brown, f-c SAND, little gravel. Saturated.		2" PVC 10-Slot
								Screen 19-4'
15	SS-4	(15-17')	4"		60+/-/-/-	Dense, brown, f-m SAND, broken rock, Saturated.		
20						**EOB = 19 feet.**		
25								
30								
35								



MINOR COMPONENTS

and	35 to 50%
some	20 to 35%
little	10 to 20%
trace	1 to 10%

RELATIVE DENSITY

0-4	very loose
4-10	loose
10-30	medium
30-50	dense
>50	very dense

OVERALL PLASTICITY

Slight	Clayey SILT	1/4"
Low	SILT & CLAY	1/8"
Medium	CLAY & SILT	1/16"
High	Silty CLAY	1/32"
Very High	CLAY	1/64"

GeoHydroCycle, Inc.

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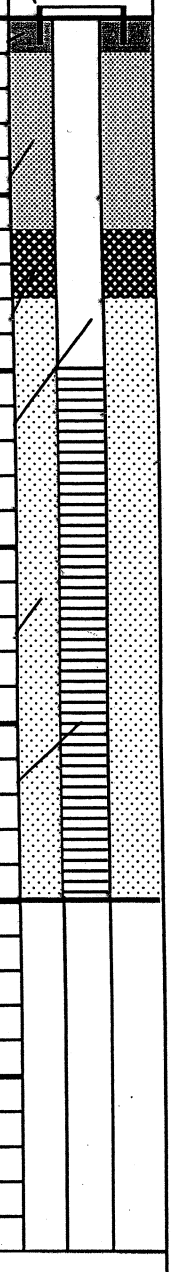
(617) 527-8668

Environmental Drilling Log

Project: Walpole Park South	Project No. GHC# 03027	Location No. GHC-7
		Sheet 1 of 1
Drilling Location: Located in a grassy area in the southeastern portion of the Walpole Park South Property.	Begun: 01/19/04 @ 09:10	
	Finished: 01/19/04 @ 10:45	
Drill Rig: Truck Mounted Rig	Inspector: LCB	
Drill Hole Diameter: 6.25"	Driller: TDS - Shawn	Groundwater Depth @ Completion
Sampler Type: Split Spoon	Weather: Sunny and windy	Date/Time: 1/19/04 @ 15:13 — Depth: 16.81 — Meas. Pt.: TOC/Grnd
Sampler Length: 24"	Temperature: 25°	

Depth	Sample No.	Sample Depth	Sample Recov.	Rock RQD	Soil Blows per 6"	Sample Description/ Detector Readings	Stratigraphic Description	Materials Installed
								Road Box (0.0')
	SS-1	(0-2')	15"		143/172/-/-	Very dense, brown, f-m SAND, trace Gravel.		Cement 1-0'
5	SS-2	(5-7')	15"		8/9/10/10	Loose, brown, f. SAND.		Native Fill 6-1'
								Betonite 8-6'
10	SS-3	(10-12')	16"		7/9/12/10	Medium, brown, f. SAND.		2" PVC Riser Pipe 10-0'
15	SS-4	(15-17')	16"		3/6/3/3	Loose, brown, f. SAND, Saturated.		Sand 25-8'
20	SS-5	(20-22')	24"		10/10/31/16	Medium, brown, f-m SAND.		2" PVC 10-Slot Screen 25-10'
25	SS-6	(25-27')	24"		18/30/12/13	Medium, brown, f-c SAND, some Gravel. **EOB = 25 feet.**		
30								
35								



MINOR COMPONENTS

and	35 to 50%
some	20 to 35%
little	10 to 20%
trace	1 to 10%

RELATIVE DENSITY

0-4	very loose
4-10	loose
10-30	medium
30-50	dense
>50	very dense

OVERALL PLASTICITY

Slight	Clayey SILT	1/4"
Low	SILT & CLAY	1/8"
Medium	CLAY & SILT	1/16"
High	Silty CLAY	1/32"
Very High	CLAY	1/64"

RIZZO ASSOCIATES
A TETRA TECH COMPANY

WELL NUMBER RIZ-1

CLIENT Walpole Park South Trust
PROJECT NAME Walpole Park South
PROJECT NUMBER
PROJECT LOCATION Walpole, Massachusetts
DATE STARTED 10/14/05 **COMPLETED** 10/14/05
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR Soil Exploration
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY Dimitri Gounis **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	WELL DIAGRAM
0							
5		50	11-15-52-93 (67)		Tan course to very course sand with some gravel, moist, no odor	0	Backfill: Cuttings; PVC Riser
					7.0		
10		25	42-30		Tan medium to fine sand, uniform, wet, no odor	0.8	Bentonite
					12.0		
					12.5 boulder		
15		100	11-42-40-45 (82)		Tan fine sand with some plasticity with gravel and very course sand, wet, no odor	0.5	Filter Pack; PVC Screen
					17.0		
20		0			Refusal at 21' suspected bedrock	0	
					21.0		
25							
30					Bottom of hole at 32.0 feet.		

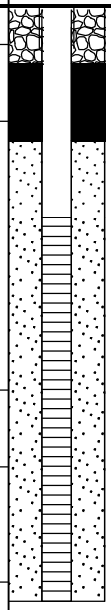
GENERAL BH / TP / WELL BORING LOGS.GPJ GINT US.GDT 3/15/06

RIZZO ASSOCIATES
A TETRA TECH COMPANY

WELL NUMBER RIZ-2

CLIENT Walpole Park South Trust
PROJECT NAME Walpole Park South
PROJECT NUMBER
PROJECT LOCATION Walpole, Massachusetts
DATE STARTED 10/14/05 **COMPLETED** 10/14/05
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR Soil Exploration
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY Dimitri Gounis **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	WELL DIAGRAM
0							
		33	50		Tan madium to fine sand and gravel, dry, no odor	0	
					3.0		
5		0			Gravel and cobbles off auger, some angular gravel, some tan medium to fine dry sand		
					7.0		
10		33	6-12-22-12 (34)		Tan coarse sand and gravel with fine sand, wet, no odor	0	
					12.0		
15		25	70		Tan coarse sand and gravel with fines, slightly plastic/cohesive, wet, no odor, auger refusal at 15.5'	0	
					17.0		
20							
25					Bottom of hole at 27.0 feet.		



Backfill: Cuttings
Bentonite
PVC Riser
Filter Pack
PVC Screen

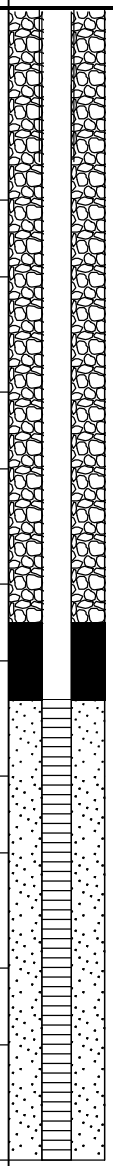
GENERAL BH / TP / WELL BORING LOGS.GPJ GINT US.GDT 3/15/06

RIZZO ASSOCIATES
A TETRA TECH COMPANY

WELL NUMBER RIZ-3

CLIENT Walpole Park South Trust
PROJECT NAME Walpole Park South
PROJECT NUMBER
PROJECT LOCATION Walpole, Massachusetts
DATE STARTED 10/14/05 **COMPLETED** 10/14/05
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR Soil Exploration
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY Dimitri Gounis **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0					Brown uniform medium sand fill, moist, no odor, off auger	0
					3.0	
5		75	5-7-8-6 (15)		5.0 Brown uniform medium to fine sand, moist, no odor	0
10		50	6-7-9-12 (16)		Brown/tan coarse sand and fine sand with gravel, wet, no odor	0
					12.0	
15		33	1-6-11-12 (17)		Brown/tan coarse sand and fine sand with some gravel, wet, no odor	0
					17.0	
20		75	3-6-8-21 (14)		Brown/tan coarse sand with some fines, wet, no odor	0
					22.0	
25		83	15-20-23-27 (43)		Brown/tan coarse sand to very corase sand and gravel with some fines, wet, no odor	0
					27.0	
		83	7-11-9-11 (20)		Brown/tan coarse sand to very corase sand and gravel with fines, wet, no odor	0
					32.0	



GENERAL BH / TP / WELL BORING LOGS.GPJ GINT US.GDT 3/15/06

(Continued Next Page)

RIZZO ASSOCIATES
A TETRA TECH COMPANY

WELL NUMBER RIZ-3

CLIENT Walpole Park South Trust **PROJECT NAME** Walpole Park South

PROJECT NUMBER **PROJECT LOCATION** Walpole, Massachusetts

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)	WELL DIAGRAM
		0			Mounding prevents acurate sample from this depth, no soil desc. End or boring at 40', no refusal.	0	
					42.0		
					Bottom of hole at 25.0 feet.		

RIZZO ASSOCIATES
A TETRA TECH COMPANY

BORING NUMBER RIZ-4

CLIENT Walpole Park South Trust
PROJECT NAME Walpole Park South
PROJECT NUMBER
PROJECT LOCATION Walpole, Massachusetts
DATE STARTED 10/14/05 **COMPLETED** 10/14/05
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR Soil Exploration
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY Dimitri Gounis **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0						
					Brown medium to fine sand and gravel, dry, no odor, off auger	0
					3.0	
5						
		75	25-30-27-23 (57)		Brown medium to fine sand and gravel, dry, no odor	0
					7.0	
10						
		33	17-27-27-29 (54)		Brown medium to fine sand and gravel with some coarse sand few orange mottles, moist, no odor. Auger refusal at 13'	0
					12.0	
15						
20						
25					Bottom of hole at 27.0 feet.	

RIZZO ASSOCIATES
A TETRA TECH COMPANY

BORING NUMBER RIZ-5

CLIENT Walpole Park South Trust
PROJECT NAME Walpole Park South
PROJECT NUMBER
PROJECT LOCATION Walpole, Massachusetts
DATE STARTED 2/16/06 **COMPLETED** 2/16/06
GROUND ELEVATION **HOLE SIZE** 6"
DRILLING CONTRACTOR Geosearch
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY Chris Nitchie **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0						
		50	8-9-12-9 (21)		Brown medium to fine uniform sand, moist, no odor	0
					3.0	
5		25	16-18-20-25 (38)		Brown medium to fine uniform sand with angular gravel, dry, no odor	0
					7.0	
10		0	6-21-45-30 (66)		No recovery, brown medium to fine uniform sand with angular gravel off auger	0
					12.0	
15		83	6-9-11-7 (20)		Brown/tan medium sand uniform with little gravel, moist, no odor	0
					17.0	
20					Bottom of hole at 20.0 feet.	

RIZZO ASSOCIATES
A TETRA TECH COMPANY

BORING NUMBER RIZ-6

CLIENT Walpole Park South Trust
PROJECT NAME Walpole Park South
PROJECT NUMBER
PROJECT LOCATION Walpole, Massachusetts
DATE STARTED 2/16/06 **COMPLETED** 2/16/06
GROUND ELEVATION **HOLE SIZE** 6"
DRILLING CONTRACTOR Geosearch
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY Chris Nitchie **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0						
		100	6-10-9-10 (19)		12" loamy top soil, 12" brown medium to coarse sand and gravel with some fines, moist to wet, no odor.	0
					3.0	
5						
		33	10-9-8-7 (17)		Brown medium to fine sand and gravel with some organic material (plant), wet at bottom of spoon	2.9
					7.0	
10						
		83	3-9-10-13 (19)		Tan uniform medium to fine sand, moist, no odor, boring ended due to proximity to overhead utilities, no refusal	0
					12.0	
					Bottom of hole at 12.0 feet.	

RIZZO ASSOCIATES
A TETRA TECH COMPANY

BORING NUMBER RIZ-7

CLIENT Walpole Park South Trust
PROJECT NAME Walpole Park South
PROJECT NUMBER
PROJECT LOCATION Walpole, Massachusetts
DATE STARTED 2/16/06 **COMPLETED** 2/16/06
GROUND ELEVATION **HOLE SIZE** 6"
DRILLING CONTRACTOR Geosearch
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING ---
LOGGED BY Chris Nitchie **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0					Tan to light brown medium sand and gravel with some fines, wet (snow melt), no odor	
					3.0	
5		25	5-5-6-7 (11)		Brown medium to coarse sand with fines and some gravel, wet (snow melt), no odor	0
					7.0	
10		42	14-43-63-30 (106)		Tan/Brown medium to caorse sand with fines and gravel, wet, no odor. Likely near top of water table	0
					12.0	
15		50	51		Tan/Brown uniform coarse sand with some fines transitioning to angular gravel with fines. Auguer refusal at 18'	0
					17.0	
					Bottom of hole at 18.0 feet.	

WELL NUMBER RIZ-8

TETRA TECH RIZZO

CLIENT Walpole Park South Trust
PROJECT NAME Walpole Park South
PROJECT NUMBER 12700058
PROJECT LOCATION Walpole, Massachusetts
DATE STARTED 12/5/07 **COMPLETED** 12/5/07
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Geosearch
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING 24'
LOGGED BY Luke Tulley **CHECKED BY** _____
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0	S-1	50	6-6-8-5 (14)			2.0 Dry, tan, well sorted medium angular sand, trace gravel	12.3
						4.0	
	S-2	90	5-3-4-7 (7)			4.3 Dry, dark brown, poorly sorted coarse sand, trace gravel 6.0	0.1
						Dry, light tan, well sorted fine sand 9.0	
10	S-3	80	6-13-21-18 (34)	Sample taken and submitted for VOC and MCP-14 analysis from 9'-11' (RIZ-8-9'-11')		10.0 Dry, light tan, well sorted fine sand 11.0	12.4
						Dry, gray, large gravel, little sand 14.0	
	S-4	80	12-23-23-30 (46)			16.0 Dry, Brown, poorly sorted coarse sand, some silt, rocky	0
20	S-5	80	11-18-15-17 (33)			19.0 Dry, tan, poorly sorted coarse and fine sand, some gravel, rocky 21.0	0.1
	S-6	50	14-23-27-21 (50)			24.0 Wet, brown, large gravel and rocks with coarse sand. Auger refusal at 27', bedrock 26.0	0.1
30							
40							
50							
60							
70							

WELL DIAGRAM

- Flush Mounted Road Box
- 2" PVC Capped Riser
- Bentonite Seal
- Sand Filter Pack
- 2" Machine Slotted Well Screen
- 2" PVC Plug

Bottom of hole at 77.0 feet.

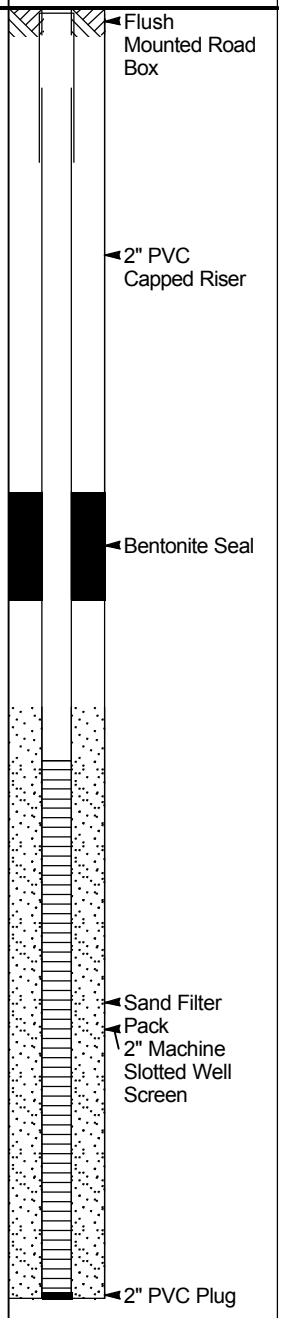
GENERAL BH / TP / WELL BORING LOGS.GPJ GINT US.GDT 12/11/07

WELL NUMBER RIZ-8S

TETRA TECH RIZZO

CLIENT Walpole Park South Trust
PROJECT NAME Walpole Park South
PROJECT NUMBER 12700058
PROJECT LOCATION Walpole, Massachusetts
DATE STARTED 12/6/07 **COMPLETED** 12/6/07
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Geosearch
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING N/A
LOGGED BY Luke Tulley **CHECKED BY** _____
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0				

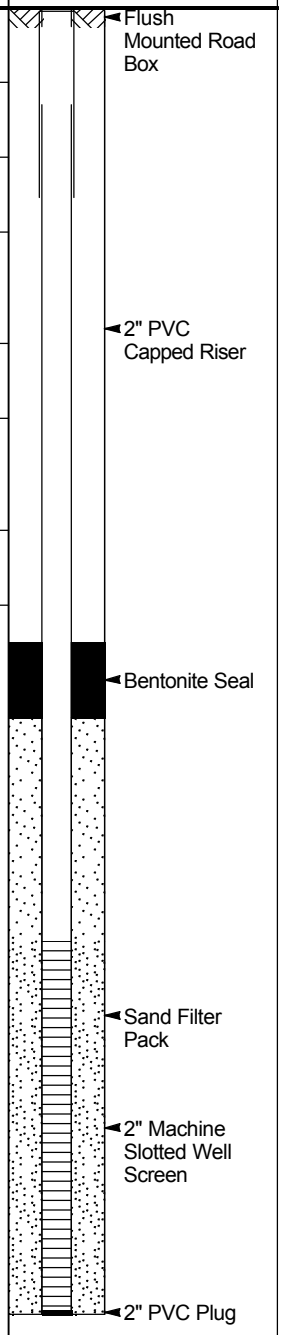


WELL NUMBER RIZ-9

TETRA TECH RIZZO

CLIENT Walpole Park South Trust
PROJECT NAME Walpole Park South
PROJECT NUMBER 12700058
PROJECT LOCATION Walpole, Massachusetts
DATE STARTED 12/6/07 **COMPLETED** 12/6/07
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Geosearch
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING 14'
LOGGED BY Luke Tulley **CHECKED BY** _____
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0	S-1	50	3-2-3-4 (5)			Dry, brown, pete, some poorly sorted coarse sand gravel	0
						2.0	
						4.0	
5	S-2	15	9-10-12-18 (22)			Dry, brown to tan, poorly sorted coarse angular sand with gravel, some large rocks	0
						6.0	
						9.0	
10	S-3	80	3-5-9-10 (14)	Sample taken and submitted for VOC and MCP-14 analysis from 9'-11' (RIZ-9-9'-11')		Dry, tan uniform coarse sand with some fines transitioning to angular gravel with fines	0
						11.0	
						14.0	
15	S-4	50	34-19-13-7 (32)			Wet, tan, well sorted coarse sand with angular gravel. Soft bedrock at 16'.	0
						16.0	
20							
25							
30							
35						Bottom of hole at 35.0 feet.	



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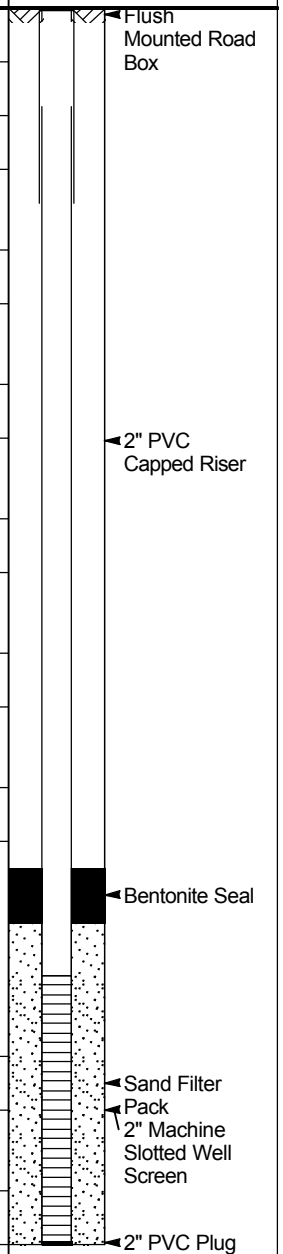
WELL NUMBER RIZ-10

TETRA TECH RIZZO

CLIENT Walpole Park South Trust
PROJECT NAME Walpole Park South
PROJECT NUMBER 12700058
PROJECT LOCATION Walpole, Massachusetts
DATE STARTED 12/6/07 **COMPLETED** 12/6/07
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR Geosearch
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger
AT TIME OF DRILLING 39'
LOGGED BY Luke Tulley **CHECKED BY** _____
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	REMARKS	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (ppm)
0	S-1	50	5-7-7-8 (14)			Dry, tan/brown, poorly sorted coarse sand and gravel (0 – 2.0)	0
	S-2	75	5-7-7-4 (14)			Dry, tan, well sorted medium to fine sand, trace gravel (4.0 – 6.0)	0
10	S-3	80	2-3-3-4 (6)			Dry, tan, well sorted medium to fine sand, trace gravel (9.0 – 11.0)	0
	S-4	85	3-4-3-4 (7)			Dry, tan, well sorted medium to fine sand (14.0 – 16.0)	0
20	S-5	25	5-8-15-13 (23)			Dry, tan, poorly sorted medium to fine sand and medium angular gravel (19.0 – 21.0)	0
	S-6	12				Dry, tan, poorly sorted medium to fine sand and large angular gravel (23.0 – 24.0); Boulder (24.0 – 25.0)	0
30	S-7	30	9-23			Dry, tan, poorly sorted coarse sand and angular gravel (29.0 – 31.0)	0
40	S-8	50	11-16-11-20 (27)			Wet, brown, poorly sorted coarse to fine sand and gravel, rocky (39.0 – 41.0)	0
	S-9	15		Sample taken and submitted for VOC and MCP-14 analysis from 44-46' (RIZ-10-44'-46')		Wet, brown, poorly sorted coarse to fine sand and gravel (44.0 – 46.0)	0
						Bottom of hole at 46.0 feet.	



GENERAL BH / TP / WELL BORING LOGS.GPJ GINT US.GDT 12/11/07

Appendix E

Laboratory Certificates of Analysis

ANALYTICAL REPORT

Lab Number:	L0718979
Client:	Tetra Tech Rizzo 1 Grant Street Framingham, MA 01701-9005
ATTN:	Ray Johnson
Project Name:	WALPOLE PARK SOUTH
Project Number:	12700058
Report Date:	01/03/08

Certifications & Approvals: MA (M-MA086), NY NELAC (11148), CT (PH-0574), NH (200305), NJ (MA935), RI (LAO00065), ME (2006012), 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: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L0718979
Report Date: 01/03/08

Alpha Sample ID	Client ID	Sample Location
L0718979-01	RIZ-8	WALPOLE, MA
L0718979-02	RIZ-10	WALPOLE, MA
L0718979-03	RIZ-9	WALPOLE, MA
L0718979-04	GHC-6	WALPOLE, MA
L0718979-05	MW-9	WALPOLE, MA
L0718979-06	RIZ-3	WALPOLE, MA
L0718979-07	MW-3	WALPOLE, MA

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L0718979
Project Number:	12700058	**Report Date:**	01/03/08

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?	N/A

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:	WALPOLE PARK SOUTH	**Lab Number:**	L0718979
Project Number:	12700058	**Report Date:**	01/03/08

Case Narrative

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

MCP Related Narratives

Sample Receipt

The samples were Field Filtered for Dissolved Metals only.

Volatile Organics

In reference to question E:

The WG307181-1/2 LCS/LCSD % recoveries for Dichlorodifluoromethane and the LCS % recovery for 1,4-Dioxane are below the individual acceptance criteria for the compounds, but within the overall method allowances. These are both difficult analytes.

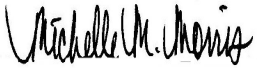
The WG307181-1/2 LCS/LCSD % RPD for 1,4-Dioxane is above the method acceptance criteria.

The WG307363-1/2 LCS/LCSD % recoveries for Dichlorodifluoromethane are below and the LCSD % recoveries for Acetone (a difficult analyte) and 1,4-Dioxane are above the individual acceptance criteria for the compounds, but within the overall method allowances.

Metals

L0718979-01 through -07 were diluted 4x for the analysis of all 6020A analytes due to non-target analyte interference.

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: 

Title: Technical Director/Representative Date: 01/03/08

ORGANICS

VOLATILES

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID:	L0718979-01	Date Collected:	12/19/07 11:10
Client ID:	RIZ-8	Date Received:	12/21/07
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	12/27/07 17:23		
Analyst:	GK		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	2.5	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	2.5	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.75	1
Ethylbenzene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Bromomethane	ND		ug/l	1.0	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-01 Date Collected: 12/19/07 11:10

Client ID: RIZ-8 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
1,4-Dichlorobenzene	ND		ug/l	2.5	1
Methyl tert butyl ether	ND		ug/l	1.0	1
p/m-Xylene	ND		ug/l	1.0	1
o-Xylene	ND		ug/l	1.0	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	5.0	1
1,2,3-Trichloropropane	ND		ug/l	5.0	1
Styrene	ND		ug/l	1.0	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
Acetone	ND		ug/l	5.0	1
Carbon disulfide	ND		ug/l	5.0	1
2-Butanone	ND		ug/l	5.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1
2-Hexanone	ND		ug/l	5.0	1
Bromochloromethane	ND		ug/l	2.5	1
Tetrahydrofuran	ND		ug/l	10	1
2,2-Dichloropropane	ND		ug/l	2.5	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	2.5	1
n-Butylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	2.5	1
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	2.5	1
n-Propylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	1
Ethyl ether	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-01 Date Collected: 12/19/07 11:10

Client ID: RIZ-8 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Isopropyl Ether	ND		ug/l	2.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	1
1,4-Dioxane	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID:	L0718979-02	Date Collected:	12/19/07 12:40
Client ID:	RIZ-10	Date Received:	12/21/07
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	12/27/07 18:01		
Analyst:	GK		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	2.5	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	2.5	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.75	1
Ethylbenzene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Bromomethane	ND		ug/l	1.0	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-02 Date Collected: 12/19/07 12:40

Client ID: RIZ-10 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
1,4-Dichlorobenzene	ND		ug/l	2.5	1
Methyl tert butyl ether	1.2		ug/l	1.0	1
p/m-Xylene	ND		ug/l	1.0	1
o-Xylene	ND		ug/l	1.0	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	5.0	1
1,2,3-Trichloropropane	ND		ug/l	5.0	1
Styrene	ND		ug/l	1.0	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
Acetone	ND		ug/l	5.0	1
Carbon disulfide	ND		ug/l	5.0	1
2-Butanone	ND		ug/l	5.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1
2-Hexanone	ND		ug/l	5.0	1
Bromochloromethane	ND		ug/l	2.5	1
Tetrahydrofuran	ND		ug/l	10	1
2,2-Dichloropropane	ND		ug/l	2.5	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	2.5	1
n-Butylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	2.5	1
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	2.5	1
n-Propylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	1
Ethyl ether	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-02 Date Collected: 12/19/07 12:40

Client ID: RIZ-10 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Isopropyl Ether	ND		ug/l	2.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	1
1,4-Dioxane	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID:	L0718979-03	Date Collected:	12/19/07 13:40
Client ID:	RIZ-9	Date Received:	12/21/07
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	12/27/07 18:40		
Analyst:	GK		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	2.5	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	2.5	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.75	1
Ethylbenzene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Bromomethane	ND		ug/l	1.0	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-03 Date Collected: 12/19/07 13:40

Client ID: RIZ-9 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
1,4-Dichlorobenzene	ND		ug/l	2.5	1
Methyl tert butyl ether	ND		ug/l	1.0	1
p/m-Xylene	ND		ug/l	1.0	1
o-Xylene	ND		ug/l	1.0	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	5.0	1
1,2,3-Trichloropropane	ND		ug/l	5.0	1
Styrene	ND		ug/l	1.0	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
Acetone	ND		ug/l	5.0	1
Carbon disulfide	ND		ug/l	5.0	1
2-Butanone	ND		ug/l	5.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1
2-Hexanone	ND		ug/l	5.0	1
Bromochloromethane	ND		ug/l	2.5	1
Tetrahydrofuran	ND		ug/l	10	1
2,2-Dichloropropane	ND		ug/l	2.5	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	2.5	1
n-Butylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	2.5	1
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	2.5	1
n-Propylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	1
Ethyl ether	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-03 Date Collected: 12/19/07 13:40

Client ID: RIZ-9 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Isopropyl Ether	ND		ug/l	2.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	1
1,4-Dioxane	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID:	L0718979-04	Date Collected:	12/19/07 16:00
Client ID:	GHC-6	Date Received:	12/21/07
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	12/27/07 19:18		
Analyst:	GK		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	2.5	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	2.5	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.75	1
Ethylbenzene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Bromomethane	ND		ug/l	1.0	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-04 Date Collected: 12/19/07 16:00

Client ID: GHC-6 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
1,4-Dichlorobenzene	ND		ug/l	2.5	1
Methyl tert butyl ether	ND		ug/l	1.0	1
p/m-Xylene	ND		ug/l	1.0	1
o-Xylene	ND		ug/l	1.0	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	5.0	1
1,2,3-Trichloropropane	ND		ug/l	5.0	1
Styrene	ND		ug/l	1.0	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
Acetone	ND		ug/l	5.0	1
Carbon disulfide	ND		ug/l	5.0	1
2-Butanone	ND		ug/l	5.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1
2-Hexanone	ND		ug/l	5.0	1
Bromochloromethane	ND		ug/l	2.5	1
Tetrahydrofuran	ND		ug/l	10	1
2,2-Dichloropropane	ND		ug/l	2.5	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	2.5	1
n-Butylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	2.5	1
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	2.5	1
n-Propylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	1
Ethyl ether	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-04 Date Collected: 12/19/07 16:00

Client ID: GHC-6 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Isopropyl Ether	ND		ug/l	2.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	1
1,4-Dioxane	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID:	L0718979-05	Date Collected:	12/20/07 09:00
Client ID:	MW-9	Date Received:	12/21/07
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	12/27/07 19:57		
Analyst:	GK		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	2.5	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	2.5	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.75	1
Ethylbenzene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Bromomethane	ND		ug/l	1.0	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-05 Date Collected: 12/20/07 09:00

Client ID: MW-9 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
1,4-Dichlorobenzene	ND		ug/l	2.5	1
Methyl tert butyl ether	5.1		ug/l	1.0	1
p/m-Xylene	ND		ug/l	1.0	1
o-Xylene	ND		ug/l	1.0	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	5.0	1
1,2,3-Trichloropropane	ND		ug/l	5.0	1
Styrene	ND		ug/l	1.0	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
Acetone	ND		ug/l	5.0	1
Carbon disulfide	ND		ug/l	5.0	1
2-Butanone	ND		ug/l	5.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1
2-Hexanone	ND		ug/l	5.0	1
Bromochloromethane	ND		ug/l	2.5	1
Tetrahydrofuran	ND		ug/l	10	1
2,2-Dichloropropane	ND		ug/l	2.5	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	2.5	1
n-Butylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	2.5	1
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	2.5	1
n-Propylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	1
Ethyl ether	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-05 Date Collected: 12/20/07 09:00

Client ID: MW-9 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Isopropyl Ether	ND		ug/l	2.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	1
1,4-Dioxane	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID:	L0718979-06	Date Collected:	12/20/07 10:30
Client ID:	RIZ-3	Date Received:	12/21/07
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	12/27/07 20:36		
Analyst:	GK		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	2.5	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	2.5	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.75	1
Ethylbenzene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Bromomethane	ND		ug/l	1.0	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-06 Date Collected: 12/20/07 10:30

Client ID: RIZ-3 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
1,4-Dichlorobenzene	ND		ug/l	2.5	1
Methyl tert butyl ether	ND		ug/l	1.0	1
p/m-Xylene	ND		ug/l	1.0	1
o-Xylene	ND		ug/l	1.0	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	5.0	1
1,2,3-Trichloropropane	ND		ug/l	5.0	1
Styrene	ND		ug/l	1.0	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
Acetone	ND		ug/l	5.0	1
Carbon disulfide	ND		ug/l	5.0	1
2-Butanone	ND		ug/l	5.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1
2-Hexanone	ND		ug/l	5.0	1
Bromochloromethane	ND		ug/l	2.5	1
Tetrahydrofuran	ND		ug/l	10	1
2,2-Dichloropropane	ND		ug/l	2.5	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	2.5	1
n-Butylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	2.5	1
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	2.5	1
n-Propylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	1
Ethyl ether	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-06 Date Collected: 12/20/07 10:30

Client ID: RIZ-3 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Isopropyl Ether	ND		ug/l	2.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	1
1,4-Dioxane	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID:	L0718979-07	Date Collected:	12/20/07 11:25
Client ID:	MW-3	Date Received:	12/21/07
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	60,8260B		
Analytical Date:	12/28/07 21:58		
Analyst:	GK		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Methylene chloride	ND		ug/l	5.0	1
1,1-Dichloroethane	ND		ug/l	0.75	1
Chloroform	ND		ug/l	0.75	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	1.8	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.75	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	2.5	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	2.5	1
Bromoform	ND		ug/l	2.0	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.75	1
Ethylbenzene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	2.5	1
Bromomethane	ND		ug/l	1.0	1
Vinyl chloride	ND		ug/l	1.0	1
Chloroethane	ND		ug/l	1.0	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.5	1
1,3-Dichlorobenzene	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-07 Date Collected: 12/20/07 11:25

Client ID: MW-3 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
1,4-Dichlorobenzene	ND		ug/l	2.5	1
Methyl tert butyl ether	1.7		ug/l	1.0	1
p/m-Xylene	ND		ug/l	1.0	1
o-Xylene	ND		ug/l	1.0	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	5.0	1
1,2,3-Trichloropropane	ND		ug/l	5.0	1
Styrene	ND		ug/l	1.0	1
Dichlorodifluoromethane	ND		ug/l	5.0	1
Acetone	ND		ug/l	5.0	1
Carbon disulfide	ND		ug/l	5.0	1
2-Butanone	ND		ug/l	5.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1
2-Hexanone	ND		ug/l	5.0	1
Bromochloromethane	ND		ug/l	2.5	1
Tetrahydrofuran	ND		ug/l	10	1
2,2-Dichloropropane	ND		ug/l	2.5	1
1,2-Dibromoethane	ND		ug/l	2.0	1
1,3-Dichloropropane	ND		ug/l	2.5	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	2.5	1
n-Butylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	2.5	1
o-Chlorotoluene	ND		ug/l	2.5	1
p-Chlorotoluene	ND		ug/l	2.5	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	1
Hexachlorobutadiene	ND		ug/l	0.60	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	2.5	1
n-Propylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	1
Ethyl ether	ND		ug/l	2.5	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-07 Date Collected: 12/20/07 11:25

Client ID: MW-3 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by MCP 8260B					
Isopropyl Ether	ND		ug/l	2.0	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	1
1,4-Dioxane	ND		ug/l	250	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 12/27/07 12:14
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-06 Batch: WG307181-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 12/27/07 12:14
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-06 Batch: WG307181-3				
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 12/27/07 12:14
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 01-06 Batch: WG307181-3				
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0
1,4-Dioxane	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 12/28/07 13:00
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 07 Batch: WG307363-3				
Methylene chloride	ND		ug/l	5.0
1,1-Dichloroethane	ND		ug/l	0.75
Chloroform	ND		ug/l	0.75
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	1.8
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.75
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	2.5
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	2.5
Bromoform	ND		ug/l	2.0
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.75
Ethylbenzene	ND		ug/l	0.50
Chloromethane	ND		ug/l	2.5
Bromomethane	ND		ug/l	1.0
Vinyl chloride	ND		ug/l	1.0
Chloroethane	ND		ug/l	1.0
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.75
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	2.5
1,3-Dichlorobenzene	ND		ug/l	2.5
1,4-Dichlorobenzene	ND		ug/l	2.5

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 12/28/07 13:00
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 07 Batch: WG307363-3				
Methyl tert butyl ether	ND		ug/l	1.0
p/m-Xylene	ND		ug/l	1.0
o-Xylene	ND		ug/l	1.0
cis-1,2-Dichloroethene	ND		ug/l	0.50
Dibromomethane	ND		ug/l	5.0
1,2,3-Trichloropropane	ND		ug/l	5.0
Styrene	ND		ug/l	1.0
Dichlorodifluoromethane	ND		ug/l	5.0
Acetone	ND		ug/l	5.0
Carbon disulfide	ND		ug/l	5.0
2-Butanone	ND		ug/l	5.0
4-Methyl-2-pentanone	ND		ug/l	5.0
2-Hexanone	ND		ug/l	5.0
Bromochloromethane	ND		ug/l	2.5
Tetrahydrofuran	ND		ug/l	10
2,2-Dichloropropane	ND		ug/l	2.5
1,2-Dibromoethane	ND		ug/l	2.0
1,3-Dichloropropane	ND		ug/l	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
Bromobenzene	ND		ug/l	2.5
n-Butylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	2.5
o-Chlorotoluene	ND		ug/l	2.5
p-Chlorotoluene	ND		ug/l	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5
Hexachlorobutadiene	ND		ug/l	0.60
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	2.5
n-Propylbenzene	ND		ug/l	0.50

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 60,8260B
Analytical Date: 12/28/07 13:00
Analyst: GK

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by MCP 8260B for sample(s): 07 Batch: WG307363-3				
1,2,3-Trichlorobenzene	ND		ug/l	2.5
1,2,4-Trichlorobenzene	ND		ug/l	2.5
1,3,5-Trimethylbenzene	ND		ug/l	2.5
1,2,4-Trimethylbenzene	ND		ug/l	2.5
Ethyl ether	ND		ug/l	2.5
Isopropyl Ether	ND		ug/l	2.0
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0
1,4-Dioxane	ND		ug/l	250

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L0718979
Report Date: 01/03/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-06 Batch: WG307181-1 WG307181-2					
Methylene chloride	99	101	70-130	2	25
1,1-Dichloroethane	100	100	70-130	0	25
Chloroform	102	104	70-130	2	25
Carbon tetrachloride	89	98	70-130	10	25
1,2-Dichloropropane	95	97	70-130	2	25
Dibromochloromethane	86	92	70-130	7	25
1,1,2-Trichloroethane	91	87	70-130	4	25
Tetrachloroethene	99	103	70-130	4	25
Chlorobenzene	96	98	70-130	2	25
Trichlorofluoromethane	105	108	70-130	3	25
1,2-Dichloroethane	97	100	70-130	3	25
1,1,1-Trichloroethane	99	102	70-130	3	25
Bromodichloromethane	93	98	70-130	5	25
trans-1,3-Dichloropropene	84	86	70-130	2	25
cis-1,3-Dichloropropene	94	95	70-130	1	25
1,1-Dichloropropene	99	102	70-130	3	25
Bromoform	82	89	70-130	8	50
1,1,2,2-Tetrachloroethane	84	85	70-130	1	25
Benzene	97	99	70-130	2	25
Toluene	95	97	70-130	2	25
Ethylbenzene	97	98	70-130	1	25

Lab Control Sample Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L0718979
Report Date: 01/03/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-06 Batch: WG307181-1 WG307181-2					
Chloromethane	78	83	70-130	6	50
Bromomethane	91	89	70-130	2	50
Vinyl chloride	83	88	70-130	6	25
Chloroethane	111	106	70-130	5	25
1,1-Dichloroethene	102	104	70-130	2	25
trans-1,2-Dichloroethene	96	99	70-130	3	25
Trichloroethene	96	100	70-130	4	25
1,2-Dichlorobenzene	99	97	70-130	2	25
1,3-Dichlorobenzene	98	101	70-130	3	25
1,4-Dichlorobenzene	98	98	70-130	0	25
Methyl tert butyl ether	100	98	70-130	2	25
p/m-Xylene	101	104	70-130	3	25
o-Xylene	101	102	70-130	1	25
cis-1,2-Dichloroethene	97	100	70-130	3	25
Dibromomethane	93	94	70-130	1	25
1,2,3-Trichloropropane	86	88	70-130	2	25
Styrene	100	102	70-130	2	25
Dichlorodifluoromethane	**60**	**65**	70-130	8	50
Acetone	95	92	70-130	3	50
Carbon disulfide	90	91	70-130	1	25
2-Butanone	87	90	70-130	3	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058

Lab Number: L0718979

Report Date: 01/03/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-06 Batch: WG307181-1 WG307181-2					
4-Methyl-2-pentanone	93	99	70-130	6	50
2-Hexanone	84	86	70-130	2	50
Bromochloromethane	100	106	70-130	6	25
Tetrahydrofuran	91	94	70-130	3	25
2,2-Dichloropropane	100	105	70-130	5	50
1,2-Dibromoethane	90	91	70-130	1	25
1,3-Dichloropropane	88	90	70-130	2	25
1,1,1,2-Tetrachloroethane	88	93	70-130	6	25
Bromobenzene	98	97	70-130	1	25
n-Butylbenzene	95	96	70-130	1	25
sec-Butylbenzene	96	98	70-130	2	25
tert-Butylbenzene	98	98	70-130	0	25
o-Chlorotoluene	94	94	70-130	0	25
p-Chlorotoluene	95	96	70-130	1	25
1,2-Dibromo-3-chloropropane	74	87	70-130	16	50
Hexachlorobutadiene	96	101	70-130	5	25
Isopropylbenzene	103	106	70-130	3	25
p-Isopropyltoluene	102	102	70-130	0	25
Naphthalene	90	97	70-130	7	25
n-Propylbenzene	96	96	70-130	0	25
1,2,3-Trichlorobenzene	100	105	70-130	5	25

Lab Control Sample Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L0718979
Report Date: 01/03/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 01-06 Batch: WG307181-1 WG307181-2					
1,2,4-Trichlorobenzene	103	106	70-130	3	25
1,3,5-Trimethylbenzene	97	96	70-130	1	25
1,2,4-Trimethylbenzene	97	97	70-130	0	25
Ethyl ether	103	103	70-130	0	25
Isopropyl Ether	100	100	70-130	0	25
Ethyl-Tert-Butyl-Ether	101	94	70-130	7	25
Tertiary-Amyl Methyl Ether	96	100	70-130	4	25
1,4-Dioxane	**53**	113	70-130	**72**	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	98		95		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L0718979
Report Date: 01/03/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 07 Batch: WG307363-1 WG307363-2					
Methylene chloride	99	100	70-130	1	25
1,1-Dichloroethane	103	99	70-130	4	25
Chloroform	108	105	70-130	3	25
Carbon tetrachloride	111	101	70-130	9	25
1,2-Dichloropropane	94	91	70-130	3	25
Dibromochloromethane	94	92	70-130	2	25
1,1,2-Trichloroethane	88	92	70-130	4	25
Tetrachloroethene	104	98	70-130	6	25
Chlorobenzene	96	91	70-130	5	25
Trichlorofluoromethane	118	110	70-130	7	25
1,2-Dichloroethane	104	109	70-130	5	25
1,1,1-Trichloroethane	111	107	70-130	4	25
Bromodichloromethane	102	100	70-130	2	25
trans-1,3-Dichloropropene	88	86	70-130	2	25
cis-1,3-Dichloropropene	100	98	70-130	2	25
1,1-Dichloropropene	108	101	70-130	7	25
Bromoform	95	93	70-130	2	50
1,1,2,2-Tetrachloroethane	82	84	70-130	2	25
Benzene	100	95	70-130	5	25
Toluene	94	88	70-130	7	25
Ethylbenzene	97	92	70-130	5	25

Lab Control Sample Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L0718979
Report Date: 01/03/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 07 Batch: WG307363-1 WG307363-2					
Chloromethane	80	76	70-130	5	50
Bromomethane	82	75	70-130	9	50
Vinyl chloride	88	83	70-130	6	25
Chloroethane	105	100	70-130	5	25
1,1-Dichloroethene	111	104	70-130	7	25
trans-1,2-Dichloroethene	102	97	70-130	5	25
Trichloroethene	103	97	70-130	6	25
1,2-Dichlorobenzene	94	93	70-130	1	25
1,3-Dichlorobenzene	96	91	70-130	5	25
1,4-Dichlorobenzene	97	93	70-130	4	25
Methyl tert butyl ether	106	117	70-130	10	25
p/m-Xylene	102	96	70-130	6	25
o-Xylene	101	94	70-130	7	25
cis-1,2-Dichloroethene	102	106	70-130	4	25
Dibromomethane	100	105	70-130	5	25
1,2,3-Trichloropropane	82	92	70-130	11	25
Styrene	99	95	70-130	4	25
Dichlorodifluoromethane	**66**	**63**	70-130	5	50
Acetone	118	**147**	70-130	22	50
Carbon disulfide	89	87	70-130	2	25
2-Butanone	100	112	70-130	11	50

Lab Control Sample Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L0718979
Report Date: 01/03/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 07 Batch: WG307363-1 WG307363-2					
4-Methyl-2-pentanone	101	116	70-130	14	50
2-Hexanone	85	98	70-130	14	50
Bromochloromethane	103	108	70-130	5	25
Tetrahydrofuran	99	114	70-130	14	25
2,2-Dichloropropane	111	108	70-130	3	50
1,2-Dibromoethane	92	93	70-130	1	25
1,3-Dichloropropane	88	93	70-130	6	25
1,1,1,2-Tetrachloroethane	95	91	70-130	4	25
Bromobenzene	97	92	70-130	5	25
n-Butylbenzene	98	91	70-130	7	25
sec-Butylbenzene	98	91	70-130	7	25
tert-Butylbenzene	100	93	70-130	7	25
o-Chlorotoluene	93	87	70-130	7	25
p-Chlorotoluene	94	89	70-130	5	25
1,2-Dibromo-3-chloropropane	83	85	70-130	2	50
Hexachlorobutadiene	106	101	70-130	5	25
Isopropylbenzene	106	99	70-130	7	25
p-Isopropyltoluene	104	97	70-130	7	25
Naphthalene	93	96	70-130	3	25
n-Propylbenzene	96	89	70-130	8	25
1,2,3-Trichlorobenzene	100	104	70-130	4	25

Lab Control Sample Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L0718979
Report Date: 01/03/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by MCP 8260B Associated sample(s): 07 Batch: WG307363-1 WG307363-2					
1,2,4-Trichlorobenzene	102	100	70-130	2	25
1,3,5-Trimethylbenzene	98	90	70-130	9	25
1,2,4-Trimethylbenzene	95	90	70-130	5	25
Ethyl ether	103	116	70-130	12	25
Isopropyl Ether	101	104	70-130	3	25
Ethyl-Tert-Butyl-Ether	104	107	70-130	3	25
Tertiary-Amyl Methyl Ether	105	114	70-130	8	25
1,4-Dioxane	130	**144**	70-130	10	50

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		109		70-130
Toluene-d8	93		95		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	109		109		70-130

METALS

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-01 Date Collected: 12/19/07 11:10

Client ID: RIZ-8 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM
Barium, Dissolved	0.0508		mg/l	0.0020	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM
Chromium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM
Mercury, Dissolved	ND		mg/l	0.0002	1	12/28/07 16:35	12/31/07 10:31	EPA 7470A	64,7470A	DM
Nickel, Dissolved	0.0048		mg/l	0.0020	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM
Selenium, Dissolved	ND		mg/l	0.004	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM
Silver, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM
Zinc, Dissolved	ND		mg/l	0.0200	4	12/30/07 09:30	01/02/08 22:50	EPA 3005A	64,6020A	BM

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-02 Date Collected: 12/19/07 12:40

Client ID: RIZ-10 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM
Barium, Dissolved	0.0958		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM
Chromium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM
Mercury, Dissolved	ND		mg/l	0.0002	1	12/28/07 16:35	12/31/07 10:36	EPA 7470A	64,7470A	DM
Nickel, Dissolved	0.0079		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM
Selenium, Dissolved	ND		mg/l	0.004	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM
Silver, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM
Zinc, Dissolved	0.0216		mg/l	0.0200	4	12/30/07 09:30	01/02/08 23:01	EPA 3005A	64,6020A	BM

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-03 Date Collected: 12/19/07 13:40

Client ID: RIZ-9 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM
Barium, Dissolved	0.0153		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM
Chromium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM
Mercury, Dissolved	ND		mg/l	0.0002	1	12/28/07 16:35	12/31/07 10:38	EPA 7470A	64,7470A	DM
Nickel, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM
Selenium, Dissolved	ND		mg/l	0.004	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM
Silver, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM
Zinc, Dissolved	ND		mg/l	0.0200	4	12/30/07 09:30	01/02/08 23:07	EPA 3005A	64,6020A	BM

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-04 Date Collected: 12/19/07 16:00

Client ID: GHC-6 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM
Barium, Dissolved	0.0459		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM
Chromium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM
Mercury, Dissolved	ND		mg/l	0.0002	1	12/28/07 16:35	12/31/07 10:40	EPA 7470A	64,7470A	DM
Nickel, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM
Selenium, Dissolved	ND		mg/l	0.004	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM
Silver, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM
Zinc, Dissolved	ND		mg/l	0.0200	4	12/30/07 09:30	01/02/08 23:12	EPA 3005A	64,6020A	BM

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-05 Date Collected: 12/20/07 09:00

Client ID: MW-9 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM
Barium, Dissolved	0.0070		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM
Chromium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM
Mercury, Dissolved	ND		mg/l	0.0002	1	12/28/07 16:35	12/31/07 10:42	EPA 7470A	64,7470A	DM
Nickel, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM
Selenium, Dissolved	ND		mg/l	0.004	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM
Silver, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM
Zinc, Dissolved	0.0259		mg/l	0.0200	4	12/30/07 09:30	01/02/08 23:18	EPA 3005A	64,6020A	BM

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-06 Date Collected: 12/20/07 10:30

Client ID: RIZ-3 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM
Barium, Dissolved	0.0256		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM
Chromium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM
Mercury, Dissolved	ND		mg/l	0.0002	1	12/28/07 16:35	12/31/07 10:44	EPA 7470A	64,7470A	DM
Nickel, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM
Selenium, Dissolved	ND		mg/l	0.004	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM
Silver, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM
Zinc, Dissolved	ND		mg/l	0.0200	4	12/30/07 09:30	01/02/08 23:23	EPA 3005A	64,6020A	BM

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

SAMPLE RESULTS

Lab ID: L0718979-07 Date Collected: 12/20/07 11:25

Client ID: MW-3 Date Received: 12/21/07

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM
Barium, Dissolved	0.0152		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM
Chromium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM
Mercury, Dissolved	ND		mg/l	0.0002	1	12/28/07 16:35	12/31/07 10:45	EPA 7470A	64,7470A	DM
Nickel, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM
Selenium, Dissolved	ND		mg/l	0.004	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM
Silver, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0020	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM
Zinc, Dissolved	ND		mg/l	0.0200	4	12/30/07 09:30	01/02/08 23:29	EPA 3005A	64,6020A	BM

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 01-07 Batch: WG307204-1									
Mercury, Dissolved	ND		mg/l	0.0002	1	12/28/07 16:35	12/31/07 10:25	64,7470A	DM

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 01-07 Batch: WG307274-1									
Antimony, Dissolved	ND		mg/l	0.0005	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0005	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM
Barium, Dissolved	ND		mg/l	0.0005	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0005	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.0005	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM
Chromium, Dissolved	ND		mg/l	0.0005	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM
Lead, Dissolved	ND		mg/l	0.0005	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM
Nickel, Dissolved	ND		mg/l	0.0005	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM
Selenium, Dissolved	ND		mg/l	0.001	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM
Silver, Dissolved	ND		mg/l	0.0005	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0005	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.0005	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM
Zinc, Dissolved	ND		mg/l	0.0050	1	12/30/07 09:30	01/02/08 22:12	64,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058

Lab Number: L0718979

Report Date: 01/03/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-07 Batch: WG307204-2 WG307204-3					
Mercury, Dissolved	98	98	80-120	0	20
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-07 Batch: WG307274-2 WG307274-3					
Antimony, Dissolved	95	98	80-120	3	20
Arsenic, Dissolved	101	100	80-120	1	20
Barium, Dissolved	97	100	80-120	3	20
Beryllium, Dissolved	89	86	80-120	3	20
Cadmium, Dissolved	104	105	80-120	1	20
Chromium, Dissolved	101	104	80-120	3	20
Lead, Dissolved	102	105	80-120	3	20
Nickel, Dissolved	102	106	80-120	4	20
Selenium, Dissolved	100	98	80-120	2	20
Silver, Dissolved	95	97	80-120	2	20
Thallium, Dissolved	95	99	80-120	4	20
Vanadium, Dissolved	98	101	80-120	3	20
Zinc, Dissolved	102	102	80-120	0	20

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L0718979
Report Date: 01/03/08

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0718979-01A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-01B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-01C	Plastic 500ml HNO3 preserved	A	<2	2.2 C	Y	Absent	MCP-7470S,MCP-AG-6020S,MCP-AS-6020S,MCP-BA-6020S,MCP-BE-6020S,MCP-CD-6020S,MCP-CR-6020S,MCP-NI-6020S,MCP-PB-6020S,MCP-SB-6020S,MCP-SE-6020S,MCP-TL-6020S,MCP-V-6020S,MCP-ZN-6020S
L0718979-02A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-02B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-02C	Plastic 500ml HNO3 preserved	A	<2	2.2 C	Y	Absent	MCP-7470S,MCP-AG-6020S,MCP-AS-6020S,MCP-BA-6020S,MCP-BE-6020S,MCP-CD-6020S,MCP-CR-6020S,MCP-NI-6020S,MCP-PB-6020S,MCP-SB-6020S,MCP-SE-6020S,MCP-TL-6020S,MCP-V-6020S,MCP-ZN-6020S
L0718979-03A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-03B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-03C	Plastic 500ml HNO3 preserved	A	<2	2.2 C	Y	Absent	MCP-7470S,MCP-AG-6020S,MCP-AS-6020S,MCP-BA-6020S,MCP-BE-6020S,MCP-CD-6020S,MCP-CR-6020S,MCP-NI-6020S,MCP-PB-6020S,MCP-SB-6020S,MCP-SE-6020S,MCP-TL-6020S,MCP-V-6020S,MCP-ZN-6020S
L0718979-04A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-04B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-04C	Plastic 500ml HNO3 preserved	A	<2	2.2 C	Y	Absent	MCP-7470S,MCP-AG-6020S,MCP-AS-6020S,MCP-BA-6020S,MCP-BE-6020S,MCP-CD-6020S,MCP-CR-6020S,MCP-NI-6020S,MCP-PB-6020S,MCP-SB-6020S,MCP-SE-6020S,MCP-TL-6020S,MCP-V-6020S,MCP-ZN-6020S
L0718979-05A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-05B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L0718979
Report Date: 01/03/08

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0718979-05C	Plastic 500ml HNO3 preserved	A	<2	2.2 C	Y	Absent	MCP-7470S,MCP-AG-6020S,MCP-AS-6020S,MCP-BA-6020S,MCP-BE-6020S,MCP-CD-6020S,MCP-CR-6020S,MCP-NI-6020S,MCP-PB-6020S,MCP-SB-6020S,MCP-SE-6020S,MCP-TL-6020S,MCP-V-6020S,MCP-ZN-6020S
L0718979-06A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-06B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-06C	Plastic 500ml HNO3 preserved	A	<2	2.2 C	Y	Absent	MCP-7470S,MCP-AG-6020S,MCP-AS-6020S,MCP-BA-6020S,MCP-BE-6020S,MCP-CD-6020S,MCP-CR-6020S,MCP-NI-6020S,MCP-PB-6020S,MCP-SB-6020S,MCP-SE-6020S,MCP-TL-6020S,MCP-V-6020S,MCP-ZN-6020S
L0718979-07A	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-07B	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04
L0718979-07C	Plastic 500ml HNO3 preserved	A	<2	2.2 C	Y	Absent	MCP-7470S,MCP-AG-6020S,MCP-AS-6020S,MCP-BA-6020S,MCP-BE-6020S,MCP-CD-6020S,MCP-CR-6020S,MCP-NI-6020S,MCP-PB-6020S,MCP-SB-6020S,MCP-SE-6020S,MCP-TL-6020S,MCP-V-6020S,MCP-ZN-6020S
L0718979-07N	Vial HCl preserved	A	N/A	2.2 C	Y	Absent	MCP-8260-04

Container Comments

L0718979-07B

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L0718979
Project Number:	12700058	**Report Date:**	01/03/08

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.
NI - Not Ignitable.
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.
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

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

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.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Report Format: Data Usability Report

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0718979

Project Number: 12700058 **Report Date:** 01/03/08

REFERENCES

60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

64 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). August 2004.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs 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.

01030816:13

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 12/21

ALPHA Job #: L0718979

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Tetra Tech Rizzo
Address: 16 Grant Street
Framingham, MA 01701
Phone: (508) 903-2000
Fax: (508) 903-2001
Email: ray.johnson@tetratech.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Walpole Park South
Project Location: Walpole, MA
Project #: 127000058
Project Manager: Ray Johnson
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 1/2/08 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #: AP

Regulatory Requirements/Report Limits

State /Fed Program: MA MCP GW-1
Criteria: GW-1

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:
MCP GW-1 standards

ANALYSIS: MCP 14 METALS (FF); VOCs 8260

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	MCP 14 METALS (FF)	VOCs 8260	Sample Specific Comments	TOTAL # BOTTLES
8979-1	Riz-8	12/19/07	11^10	GW	LJT	X	X		
2	Riz-10	12/19/07	12^40	GW	LJT	X	X		
3	Riz-9	12/19/07	13^40	GW	LJT	X	X		
4	GHC-6	12/19/07	16^00	GW	LJT	X	X		
5	MW-9	12/20/07	9^00	GW	LJT	X	X		
6	Riz-3	12/20/07	10^30	GW	LJT	X	X		
7	MW-3	12/20/07	11^25	GW	LJT	X	X		

Container Type: P
Preservative: C

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12/20/07 1400	[signature]	12/21 10:00
	1220		12/21 1220

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 Payment Terms. See reverse side.

FORM NO: 01-01 (rev. 30-JUL-07)

ANALYTICAL REPORT

Lab Number:	L0806023
Client:	Tetra Tech Rizzo 1 Grant Street Framingham, MA 01701-9005
ATTN:	Ian Cannan
Project Name:	WALPOLE PARK SOUTH
Project Number:	12700058-003
Report Date:	05/05/08

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: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Alpha Sample ID	Client ID	Sample Location
L0806023-01	RIZ-10-042808	WALPOLE, MA
L0806023-02	RIZ-9-042808	WALPOLE, MA
L0806023-03	MW-3-042808	WALPOLE, MA
L0806023-04	RIZ-8-042808	WALPOLE, MA
L0806023-05	RIZ-8S-042808	WALPOLE, MA
L0806023-06	GHC-6-042808	WALPOLE, MA
L0806023-07	MW-2-042808	WALPOLE, MA
L0806023-08	TRIP BLANK-042808	WALPOLE, MA

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L0806023
Project Number:	12700058-003	**Report Date:**	05/05/08

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?	N/A

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?	YES
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:	WALPOLE PARK SOUTH	**Lab Number:**	L0806023
Project Number:	12700058-003	**Report Date:**	05/05/08

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.

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.

Sample Receipt

The samples were Field Filtered for Dissolved Metals only.

MCP Related Narratives:

Metals

L0806023-01 through -07 were diluted for the analysis of all analytes by method 6020A due to high concentrations of target and non-target analytes.

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: 

Title: Technical Director/Representative Date: 05/05/08

ORGANICS

VOLATILES

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-01	Date Collected:	04/28/08 09:10
Client ID:	RIZ-10-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	16,524.2		
Analytical Date:	05/01/08 10:04		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	0.73		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-01 Date Collected: 04/28/08 09:10

Client ID: RIZ-10-042808 Date Received: 04/29/08

Sample Location: WALPOLE, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
Unknown Alkene	2.6	J	ug/l		1
Unknown Hydrocarbon	0.90	J	ug/l		1
Acetone	0.78	J	ug/l		1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-01	Date Collected:	04/28/08 09:10
Client ID:	RIZ-10-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	112		80-120
4-Bromofluorobenzene	88		80-120

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-02	Date Collected:	04/28/08 10:12
Client ID:	RIZ-9-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	16,524.2		
Analytical Date:	05/01/08 10:38		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-02 Date Collected: 04/28/08 10:12

Client ID: RIZ-9-042808 Date Received: 04/29/08

Sample Location: WALPOLE, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-02	Date Collected:	04/28/08 10:12
Client ID:	RIZ-9-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	116		80-120
4-Bromofluorobenzene	87		80-120

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-03	Date Collected:	04/28/08 11:20
Client ID:	MW-3-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	16,524.2		
Analytical Date:	05/01/08 11:10		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-03 Date Collected: 04/28/08 11:20

Client ID: MW-3-042808 Date Received: 04/29/08

Sample Location: WALPOLE, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-03	Date Collected:	04/28/08 11:20
Client ID:	MW-3-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Volatile Organics by GC/MS 524.2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	112		80-120
4-Bromofluorobenzene	90		80-120

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-04	Date Collected:	04/28/08 12:15
Client ID:	RIZ-8-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	16,524.2		
Analytical Date:	05/01/08 11:43		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-04 Date Collected: 04/28/08 12:15

Client ID: RIZ-8-042808 Date Received: 04/29/08

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-04	Date Collected:	04/28/08 12:15
Client ID:	RIZ-8-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	114		80-120
4-Bromofluorobenzene	91		80-120

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-05	Date Collected:	04/28/08 12:30
Client ID:	RIZ-8S-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	16,524.2		
Analytical Date:	05/01/08 12:17		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-05 Date Collected: 04/28/08 12:30

Client ID: RIZ-8S-042808 Date Received: 04/29/08

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
Unknown Alkane	0.62	J	ug/l		1
Unknown Alkane	2.7	J	ug/l		1
Unknown Hydrocarbon	4.3	J	ug/l		1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-05	Date Collected:	04/28/08 12:30
Client ID:	RIZ-8S-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
Tentatively Identified Compounds					
Unknown Hydrocarbon	0.64	J	ug/l		1
Pentane	1.2	J	ug/l		1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	116		80-120
4-Bromofluorobenzene	87		80-120

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-06	Date Collected:	04/28/08 14:36
Client ID:	GHC-6-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	16,524.2		
Analytical Date:	05/01/08 12:50		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-06 Date Collected: 04/28/08 14:36

Client ID: GHC-6-042808 Date Received: 04/29/08

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-06	Date Collected:	04/28/08 14:36
Client ID:	GHC-6-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Volatile Organics by GC/MS 524.2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	117		80-120
4-Bromofluorobenzene	88		80-120

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-07	Date Collected:	04/28/08 14:52
Client ID:	MW-2-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered
Matrix:	Water		
Anaytical Method:	16,524.2		
Analytical Date:	05/01/08 13:23		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	2.2		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-07 Date Collected: 04/28/08 14:52

Client ID: MW-2-042808 Date Received: 04/29/08

Sample Location: WALPOLE, MA Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-07	Date Collected:	04/28/08 14:52
Client ID:	MW-2-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Volatile Organics by GC/MS 524.2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	118		80-120
4-Bromofluorobenzene	87		80-120

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-08	Date Collected:	04/23/08 18:00
Client ID:	TRIP BLANK-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Not Specified
Matrix:	Water		
Anaytical Method:	16,524.2		
Analytical Date:	05/01/08 09:31		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-08 Date Collected: 04/23/08 18:00

Client ID: TRIP BLANK-042808 Date Received: 04/29/08

Sample Location: WALPOLE, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

SAMPLE RESULTS

Lab ID:	L0806023-08	Date Collected:	04/23/08 18:00
Client ID:	TRIP BLANK-042808	Date Received:	04/29/08
Sample Location:	WALPOLE, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS 524.2					

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	113		80-120
4-Bromofluorobenzene	95		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L0806023
Report Date: 05/05/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 05/01/08 08:25
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS 524.2 for sample(s): 01,04-08 Batch: WG319665-8				
Methylene chloride	ND		ug/l	0.50
1,1-Dichloroethane	ND		ug/l	0.50
Chloroform	ND		ug/l	0.50
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	0.50
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.50
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	0.50
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.50
Ethylbenzene	ND		ug/l	0.50
p/m-Xylene	ND		ug/l	0.50
Chloromethane	ND		ug/l	0.50
Bromomethane	ND		ug/l	0.50
Vinyl chloride	ND		ug/l	0.50
Chloroethane	ND		ug/l	0.50
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.50
cis-1,2-Dichloroethene	ND		ug/l	0.50
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	0.50
1,3-Dichlorobenzene	ND		ug/l	0.50

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L0806023
Report Date: 05/05/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 05/01/08 08:25
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS 524.2 for sample(s): 01,04-08 Batch: WG319665-8				
1,4-Dichlorobenzene	ND		ug/l	0.50
Styrene	ND		ug/l	0.50
o-Xylene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	0.50
2,2-Dichloropropane	ND		ug/l	0.50
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
1,2,3-Trichloropropane	ND		ug/l	0.50
Bromochloromethane	ND		ug/l	0.50
n-Butylbenzene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	0.50
Hexachlorobutadiene	ND		ug/l	0.50
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	0.50
n-Propylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	0.50
1,2,3-Trichlorobenzene	ND		ug/l	0.50
1,2,4-Trichlorobenzene	ND		ug/l	0.50
1,2,4-Trimethylbenzene	ND		ug/l	0.50
1,3,5-Trimethylbenzene	ND		ug/l	0.50
Bromobenzene	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	0.50
p-Chlorotoluene	ND		ug/l	0.50
Dibromomethane	ND		ug/l	0.50
1,2-Dibromoethane	ND		ug/l	0.50
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50
1,3-Dichloropropane	ND		ug/l	0.50
Methyl tert butyl ether	ND		ug/l	0.50

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L0806023
Report Date: 05/05/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 05/01/08 08:25
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS 524.2 for sample(s): 01,04-08 Batch: WG319665-8				
Tentatively Identified Compounds				
No Tentatively Identified Compounds	ND		ug/l	

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	114		80-120
4-Bromofluorobenzene	87		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L0806023
Report Date: 05/05/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 05/01/08 08:25
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS 524.2 for sample(s): 02-03 Batch: WG320296-4				
Methylene chloride	ND		ug/l	0.50
1,1-Dichloroethane	ND		ug/l	0.50
Chloroform	ND		ug/l	0.50
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	0.50
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.50
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	0.50
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.50
Ethylbenzene	ND		ug/l	0.50
p/m-Xylene	ND		ug/l	0.50
Chloromethane	ND		ug/l	0.50
Bromomethane	ND		ug/l	0.50
Vinyl chloride	ND		ug/l	0.50
Chloroethane	ND		ug/l	0.50
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.50
cis-1,2-Dichloroethene	ND		ug/l	0.50
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	0.50
1,3-Dichlorobenzene	ND		ug/l	0.50

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L0806023
Report Date: 05/05/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 05/01/08 08:25
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS 524.2 for sample(s): 02-03 Batch: WG320296-4				
1,4-Dichlorobenzene	ND		ug/l	0.50
Styrene	ND		ug/l	0.50
o-Xylene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	0.50
2,2-Dichloropropane	ND		ug/l	0.50
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
1,2,3-Trichloropropane	ND		ug/l	0.50
Bromochloromethane	ND		ug/l	0.50
n-Butylbenzene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	0.50
Hexachlorobutadiene	ND		ug/l	0.50
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	0.50
n-Propylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	0.50
1,2,3-Trichlorobenzene	ND		ug/l	0.50
1,2,4-Trichlorobenzene	ND		ug/l	0.50
1,2,4-Trimethylbenzene	ND		ug/l	0.50
1,3,5-Trimethylbenzene	ND		ug/l	0.50
Bromobenzene	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	0.50
p-Chlorotoluene	ND		ug/l	0.50
Dibromomethane	ND		ug/l	0.50
1,2-Dibromoethane	ND		ug/l	0.50
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50
1,3-Dichloropropane	ND		ug/l	0.50
Methyl tert butyl ether	ND		ug/l	0.50

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L0806023
Report Date: 05/05/08

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 05/01/08 08:25
Analyst: MM

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS 524.2 for sample(s): 02-03 Batch: WG320296-4				
Tentatively Identified Compounds				
No Tentatively Identified Compounds	ND		ug/l	

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	114		80-120
4-Bromofluorobenzene	87		80-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L0806023

Report Date: 05/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 01,04-08 Batch: WG319665-7					
Methylene chloride	99	-	70-130	-	
1,1-Dichloroethane	107	-	70-130	-	
Chloroform	106	-	70-130	-	
Carbon tetrachloride	103	-	70-130	-	
1,2-Dichloropropane	106	-	70-130	-	
Dibromochloromethane	96	-	70-130	-	
1,1,2-Trichloroethane	98	-	70-130	-	
Tetrachloroethene	112	-	70-130	-	
Chlorobenzene	108	-	70-130	-	
Trichlorofluoromethane	93	-	70-130	-	
1,2-Dichloroethane	109	-	70-130	-	
1,1,1-Trichloroethane	108	-	70-130	-	
Bromodichloromethane	102	-	70-130	-	
trans-1,3-Dichloropropene	86	-	70-130	-	
cis-1,3-Dichloropropene	90	-	70-130	-	
Bromoform	90	-	70-130	-	
1,1,2,2-Tetrachloroethane	90	-	70-130	-	
Benzene	111	-	70-130	-	
Toluene	116	-	70-130	-	
Ethylbenzene	110	-	70-130	-	
p/m-Xylene	113	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L0806023

Report Date: 05/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 01,04-08 Batch: WG319665-7					
Chloromethane	101	-	70-130	-	
Bromomethane	103	-	70-130	-	
Vinyl chloride	107	-	70-130	-	
Chloroethane	106	-	70-130	-	
1,1-Dichloroethene	100	-	70-130	-	
trans-1,2-Dichloroethene	103	-	70-130	-	
cis-1,2-Dichloroethene	111	-	70-130	-	
Trichloroethene	101	-	70-130	-	
1,2-Dichlorobenzene	95	-	70-130	-	
1,3-Dichlorobenzene	99	-	70-130	-	
1,4-Dichlorobenzene	95	-	70-130	-	
Styrene	108	-	70-130	-	
o-Xylene	109	-	70-130	-	
1,1-Dichloropropene	107	-	70-130	-	
2,2-Dichloropropane	93	-	70-130	-	
1,1,1,2-Tetrachloroethane	101	-	70-130	-	
1,2,3-Trichloropropane	91	-	70-130	-	
Bromochloromethane	106	-	70-130	-	
n-Butylbenzene	102	-	70-130	-	
Dichlorodifluoromethane	106	-	70-130	-	
Hexachlorobutadiene	98	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L0806023

Report Date: 05/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 01,04-08 Batch: WG319665-7					
Isopropylbenzene	103	-	70-130	-	
p-Isopropyltoluene	103	-	70-130	-	
Naphthalene	82	-	70-130	-	
n-Propylbenzene	113	-	70-130	-	
sec-Butylbenzene	109	-	70-130	-	
tert-Butylbenzene	112	-	70-130	-	
1,2,3-Trichlorobenzene	87	-	70-130	-	
1,2,4-Trichlorobenzene	86	-	70-130	-	
1,2,4-Trimethylbenzene	106	-	70-130	-	
1,3,5-Trimethylbenzene	115	-	70-130	-	
Bromobenzene	103	-	70-130	-	
o-Chlorotoluene	110	-	70-130	-	
p-Chlorotoluene	105	-	70-130	-	
Dibromomethane	102	-	70-130	-	
1,2-Dibromoethane	92	-	70-130	-	
1,2-Dibromo-3-chloropropane	78	-	70-130	-	
1,3-Dichloropropane	98	-	70-130	-	
Methyl tert butyl ether	97	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L0806023

Report Date: 05/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 01,04-08 Batch: WG319665-7					

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101				80-120
4-Bromofluorobenzene	102				80-120

Volatile Organics by GC/MS 524.2 Associated sample(s): 02-03 Batch: WG320296-3				
Methylene chloride	99	-	70-130	-
1,1-Dichloroethane	107	-	70-130	-
Chloroform	106	-	70-130	-
Carbon tetrachloride	103	-	70-130	-
1,2-Dichloropropane	106	-	70-130	-
Dibromochloromethane	96	-	70-130	-
1,1,2-Trichloroethane	98	-	70-130	-
Tetrachloroethene	112	-	70-130	-
Chlorobenzene	108	-	70-130	-

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L0806023

Report Date: 05/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 02-03 Batch: WG320296-3					
Trichlorofluoromethane	93	-	70-130	-	
1,2-Dichloroethane	109	-	70-130	-	
1,1,1-Trichloroethane	108	-	70-130	-	
Bromodichloromethane	102	-	70-130	-	
trans-1,3-Dichloropropene	86	-	70-130	-	
cis-1,3-Dichloropropene	90	-	70-130	-	
Bromoform	90	-	70-130	-	
1,1,2,2-Tetrachloroethane	90	-	70-130	-	
Benzene	111	-	70-130	-	
Toluene	116	-	70-130	-	
Ethylbenzene	110	-	70-130	-	
p/m-Xylene	113	-	70-130	-	
Chloromethane	101	-	70-130	-	
Bromomethane	103	-	70-130	-	
Vinyl chloride	107	-	70-130	-	
Chloroethane	106	-	70-130	-	
1,1-Dichloroethene	100	-	70-130	-	
trans-1,2-Dichloroethene	103	-	70-130	-	
cis-1,2-Dichloroethene	111	-	70-130	-	
Trichloroethene	101	-	70-130	-	
1,2-Dichlorobenzene	95	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L0806023

Report Date: 05/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 02-03 Batch: WG320296-3					
1,3-Dichlorobenzene	99	-	70-130	-	
1,4-Dichlorobenzene	95	-	70-130	-	
Styrene	108	-	70-130	-	
o-Xylene	109	-	70-130	-	
1,1-Dichloropropene	107	-	70-130	-	
2,2-Dichloropropane	93	-	70-130	-	
1,1,1,2-Tetrachloroethane	101	-	70-130	-	
1,2,3-Trichloropropane	91	-	70-130	-	
Bromochloromethane	106	-	70-130	-	
n-Butylbenzene	102	-	70-130	-	
Dichlorodifluoromethane	106	-	70-130	-	
Hexachlorobutadiene	98	-	70-130	-	
Isopropylbenzene	103	-	70-130	-	
p-Isopropyltoluene	103	-	70-130	-	
Naphthalene	82	-	70-130	-	
n-Propylbenzene	113	-	70-130	-	
sec-Butylbenzene	109	-	70-130	-	
tert-Butylbenzene	112	-	70-130	-	
1,2,3-Trichlorobenzene	87	-	70-130	-	
1,2,4-Trichlorobenzene	86	-	70-130	-	
1,2,4-Trimethylbenzene	106	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L0806023

Report Date: 05/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 02-03 Batch: WG320296-3					
1,3,5-Trimethylbenzene	115	-	70-130	-	
Bromobenzene	103	-	70-130	-	
o-Chlorotoluene	110	-	70-130	-	
p-Chlorotoluene	105	-	70-130	-	
Dibromomethane	102	-	70-130	-	
1,2-Dibromoethane	92	-	70-130	-	
1,2-Dibromo-3-chloropropane	78	-	70-130	-	
1,3-Dichloropropane	98	-	70-130	-	
Methyl tert butyl ether	97	-	70-130	-	

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101				80-120
4-Bromofluorobenzene	102				80-120

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 01,04-08 QC Batch ID: WG319665-1 QC Sample: L0805753-01 Client ID: MS Sample									
Methylene chloride	ND	4	3.9	98	-	-	70-130	-	20
1,1-Dichloroethane	ND	4	4.2	106	-	-	70-130	-	20
Chloroform	ND	4	4.4	109	-	-	70-130	-	20
Carbon tetrachloride	ND	4	4.4	110	-	-	70-130	-	20
1,2-Dichloropropane	ND	4	4.2	105	-	-	70-130	-	20
Dibromochloromethane	ND	4	3.9	97	-	-	70-130	-	20
1,1,2-Trichloroethane	ND	4	4.0	101	-	-	70-130	-	20
Tetrachloroethene	ND	4	4.7	117	-	-	70-130	-	20
Chlorobenzene	ND	4	4.6	114	-	-	70-130	-	20
Trichlorofluoromethane	ND	4	4.1	103	-	-	70-130	-	20
1,2-Dichloroethane	ND	4	4.4	109	-	-	70-130	-	20
1,1,1-Trichloroethane	ND	4	4.6	114	-	-	70-130	-	20
Bromodichloromethane	ND	4	4.2	105	-	-	70-130	-	20
trans-1,3-Dichloropropene	ND	4	3.4	85	-	-	70-130	-	20
cis-1,3-Dichloropropene	ND	4	3.6	90	-	-	70-130	-	20
Bromoform	ND	4	3.8	96	-	-	70-130	-	20
1,1,2,2-Tetrachloroethane	ND	4	3.9	98	-	-	70-130	-	20
Benzene	ND	4	4.5	112	-	-	70-130	-	20
Toluene	ND	4	4.8	121	-	-	70-130	-	20
Ethylbenzene	ND	4	4.8	120	-	-	70-130	-	20
p/m-Xylene	ND	8	9.7	121	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 01,04-08 QC Batch ID: WG319665-1 QC Sample: L0805753-01 Client ID: MS Sample									
Chloromethane	ND	4	4.3	107	-	-	70-130	-	20
Bromomethane	ND	4	4.0	101	-	-	70-130	-	20
Vinyl chloride	ND	4	4.7	118	-	-	70-130	-	20
Chloroethane	ND	4	4.6	115	-	-	70-130	-	20
1,1-Dichloroethene	ND	4	4.3	107	-	-	70-130	-	20
trans-1,2-Dichloroethene	ND	4	4.2	104	-	-	70-130	-	20
cis-1,2-Dichloroethene	ND	4	4.5	112	-	-	70-130	-	20
Trichloroethene	ND	4	4.2	106	-	-	70-130	-	20
1,2-Dichlorobenzene	ND	4	4.0	101	-	-	70-130	-	20
1,3-Dichlorobenzene	ND	4	4.1	104	-	-	70-130	-	20
1,4-Dichlorobenzene	ND	4	4.0	101	-	-	70-130	-	20
Styrene	ND	4	4.6	115	-	-	70-130	-	20
o-Xylene	ND	4	4.7	118	-	-	70-130	-	20
1,1-Dichloropropene	ND	4	4.5	112	-	-	70-130	-	20
2,2-Dichloropropane	ND	4	3.8	95	-	-	70-130	-	20
1,1,1,2-Tetrachloroethane	ND	4	4.3	109	-	-	70-130	-	20
1,2,3-Trichloropropane	ND	4	3.9	98	-	-	70-130	-	20
Bromochloromethane	ND	4	4.2	105	-	-	70-130	-	20
n-Butylbenzene	ND	4	4.3	108	-	-	70-130	-	20
Dichlorodifluoromethane	ND	4	4.8	120	-	-	70-130	-	20
Hexachlorobutadiene	ND	4	4.1	102	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 01,04-08 QC Batch ID: WG319665-1 QC Sample: L0805753-01 Client ID: MS Sample									
Isopropylbenzene	ND	4	4.5	113	-	-	70-130	-	20
p-Isopropyltoluene	ND	4	4.5	113	-	-	70-130	-	20
Naphthalene	ND	4	3.6	89	-	-	70-130	-	20
n-Propylbenzene	ND	4	4.9	123	-	-	70-130	-	20
sec-Butylbenzene	ND	4	4.8	120	-	-	70-130	-	20
tert-Butylbenzene	ND	4	4.9	123	-	-	70-130	-	20
1,2,3-Trichlorobenzene	ND	4	3.7	92	-	-	70-130	-	20
1,2,4-Trichlorobenzene	ND	4	3.7	92	-	-	70-130	-	20
1,2,4-Trimethylbenzene	ND	4	4.6	114	-	-	70-130	-	20
1,3,5-Trimethylbenzene	ND	4	4.9	122	-	-	70-130	-	20
Bromobenzene	ND	4	4.4	110	-	-	70-130	-	20
o-Chlorotoluene	ND	4	4.7	118	-	-	70-130	-	20
p-Chlorotoluene	ND	4	4.4	111	-	-	70-130	-	20
Dibromomethane	ND	4	4.1	102	-	-	70-130	-	20
1,2-Dibromoethane	ND	4	3.9	98	-	-	70-130	-	20
1,2-Dibromo-3-chloropropane	ND	4	3.7	92	-	-	70-130	-	20
1,3-Dichloropropane	ND	4	4.0	100	-	-	70-130	-	20
Methyl tert butyl ether	ND	4	3.6	90	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 01,04-08 QC Batch ID: WG319665-1 QC Sample: L0805753-01 Client ID: MS Sample									

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101				80-120
4-Bromofluorobenzene	104				80-120

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 02-03 QC Batch ID: WG320296-1 QC Sample: L0806023-02 Client ID: RIZ-9-042808									
Methylene chloride	ND	4	4.5	113	-	-	70-130	-	20
1,1-Dichloroethane	ND	4	4.6	116	-	-	70-130	-	20
Chloroform	ND	4	4.6	115	-	-	70-130	-	20
Carbon tetrachloride	ND	4	4.7	119	-	-	70-130	-	20
1,2-Dichloropropane	ND	4	4.6	115	-	-	70-130	-	20
Dibromochloromethane	ND	4	4.1	103	-	-	70-130	-	20
1,1,2-Trichloroethane	ND	4	4.3	107	-	-	70-130	-	20
Tetrachloroethene	ND	4	5.0	124	-	-	70-130	-	20
Chlorobenzene	ND	4	4.5	113	-	-	70-130	-	20
Trichlorofluoromethane	ND	4	4.2	106	-	-	70-130	-	20
1,2-Dichloroethane	ND	4	4.5	113	-	-	70-130	-	20
1,1,1-Trichloroethane	ND	4	4.8	119	-	-	70-130	-	20
Bromodichloromethane	ND	4	4.5	112	-	-	70-130	-	20
trans-1,3-Dichloropropene	ND	4	3.6	91	-	-	70-130	-	20
cis-1,3-Dichloropropene	ND	4	3.9	98	-	-	70-130	-	20
Bromoform	ND	4	3.8	95	-	-	70-130	-	20
1,1,2,2-Tetrachloroethane	ND	4	3.8	96	-	-	70-130	-	20
Benzene	ND	4	5.0	125	-	-	70-130	-	20
Toluene	ND	4	5.2	130	-	-	70-130	-	20
Ethylbenzene	ND	4	4.7	117	-	-	70-130	-	20
p/m-Xylene	ND	8	9.6	120	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 02-03 QC Batch ID: WG320296-1 QC Sample: L0806023-02 Client ID: RIZ-9-042808									
Chloromethane	ND	4	4.4	110	-	-	70-130	-	20
Bromomethane	ND	4	4.2	106	-	-	70-130	-	20
Vinyl chloride	ND	4	4.9	122	-	-	70-130	-	20
Chloroethane	ND	4	4.9	123	-	-	70-130	-	20
1,1-Dichloroethene	ND	4	4.6	114	-	-	70-130	-	20
trans-1,2-Dichloroethene	ND	4	4.5	113	-	-	70-130	-	20
cis-1,2-Dichloroethene	ND	4	4.5	113	-	-	70-130	-	20
Trichloroethene	ND	4	4.5	112	-	-	70-130	-	20
1,2-Dichlorobenzene	ND	4	3.9	97	-	-	70-130	-	20
1,3-Dichlorobenzene	ND	4	4.0	99	-	-	70-130	-	20
1,4-Dichlorobenzene	ND	4	3.9	97	-	-	70-130	-	20
Styrene	ND	4	4.6	114	-	-	70-130	-	20
o-Xylene	ND	4	4.6	116	-	-	70-130	-	20
1,1-Dichloropropene	ND	4	4.7	118	-	-	70-130	-	20
2,2-Dichloropropane	ND	4	4.3	108	-	-	70-130	-	20
1,1,1,2-Tetrachloroethane	ND	4	4.2	106	-	-	70-130	-	20
1,2,3-Trichloropropane	ND	4	3.9	98	-	-	70-130	-	20
Bromochloromethane	ND	4	4.4	111	-	-	70-130	-	20
n-Butylbenzene	ND	4	4.1	103	-	-	70-130	-	20
Dichlorodifluoromethane	ND	4	4.9	122	-	-	70-130	-	20
Hexachlorobutadiene	ND	4	4.1	102	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 02-03 QC Batch ID: WG320296-1 QC Sample: L0806023-02 Client ID: RIZ-9-042808									
Isopropylbenzene	ND	4	4.4	111	-	-	70-130	-	20
p-Isopropyltoluene	ND	4	4.3	109	-	-	70-130	-	20
Naphthalene	ND	4	3.3	83	-	-	70-130	-	20
n-Propylbenzene	ND	4	4.8	120	-	-	70-130	-	20
sec-Butylbenzene	ND	4	4.7	117	-	-	70-130	-	20
tert-Butylbenzene	ND	4	4.8	120	-	-	70-130	-	20
1,2,3-Trichlorobenzene	ND	4	3.6	90	-	-	70-130	-	20
1,2,4-Trichlorobenzene	ND	4	3.5	87	-	-	70-130	-	20
1,2,4-Trimethylbenzene	ND	4	4.4	110	-	-	70-130	-	20
1,3,5-Trimethylbenzene	ND	4	4.8	119	-	-	70-130	-	20
Bromobenzene	ND	4	4.3	108	-	-	70-130	-	20
o-Chlorotoluene	ND	4	4.6	115	-	-	70-130	-	20
p-Chlorotoluene	ND	4	4.3	108	-	-	70-130	-	20
Dibromomethane	ND	4	4.4	111	-	-	70-130	-	20
1,2-Dibromoethane	ND	4	3.8	96	-	-	70-130	-	20
1,2-Dibromo-3-chloropropane	ND	4	3.2	81	-	-	70-130	-	20
1,3-Dichloropropane	ND	4	4.3	107	-	-	70-130	-	20
Methyl tert butyl ether	ND	4	4.3	107	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 02-03 QC Batch ID: WG320296-1 QC Sample: L0806023-02 Client ID: RIZ-9-042808									

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	98				80-120
4-Bromofluorobenzene	103				80-120

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 01,04-08 QC Batch ID: WG319665-2 QC Sample: L0805753-02 Client ID: DUP Sample					
Methylene chloride	ND	ND	ug/l	NC	20
1,1-Dichloroethane	ND	ND	ug/l	NC	20
Chloroform	ND	ND	ug/l	NC	20
Carbon tetrachloride	ND	ND	ug/l	NC	20
1,2-Dichloropropane	ND	ND	ug/l	NC	20
Dibromochloromethane	ND	ND	ug/l	NC	20
1,1,2-Trichloroethane	ND	ND	ug/l	NC	20
Tetrachloroethene	ND	ND	ug/l	NC	20
Chlorobenzene	ND	ND	ug/l	NC	20
Trichlorofluoromethane	ND	ND	ug/l	NC	20
1,2-Dichloroethane	ND	ND	ug/l	NC	20
1,1,1-Trichloroethane	ND	ND	ug/l	NC	20
Bromodichloromethane	ND	ND	ug/l	NC	20
trans-1,3-Dichloropropene	ND	ND	ug/l	NC	20
cis-1,3-Dichloropropene	ND	ND	ug/l	NC	20
Bromoform	ND	ND	ug/l	NC	20
1,1,2,2-Tetrachloroethane	ND	ND	ug/l	NC	20
Benzene	ND	ND	ug/l	NC	20
Toluene	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 01,04-08 QC Batch ID: WG319665-2 QC Sample: L0805753-02 Client ID: DUP Sample					
Ethylbenzene	ND	ND	ug/l	NC	20
p/m-Xylene	ND	ND	ug/l	NC	20
Chloromethane	ND	ND	ug/l	NC	20
Bromomethane	ND	ND	ug/l	NC	20
Vinyl chloride	ND	ND	ug/l	NC	20
Chloroethane	ND	ND	ug/l	NC	20
1,1-Dichloroethene	ND	ND	ug/l	NC	20
trans-1,2-Dichloroethene	ND	ND	ug/l	NC	20
cis-1,2-Dichloroethene	ND	ND	ug/l	NC	20
Trichloroethene	ND	ND	ug/l	NC	20
1,2-Dichlorobenzene	ND	ND	ug/l	NC	20
1,3-Dichlorobenzene	ND	ND	ug/l	NC	20
1,4-Dichlorobenzene	ND	ND	ug/l	NC	20
Styrene	ND	ND	ug/l	NC	20
o-Xylene	ND	ND	ug/l	NC	20
1,1-Dichloropropene	ND	ND	ug/l	NC	20
2,2-Dichloropropane	ND	ND	ug/l	NC	20
1,1,1,2-Tetrachloroethane	ND	ND	ug/l	NC	20
1,2,3-Trichloropropane	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 01,04-08 QC Batch ID: WG319665-2 QC Sample: L0805753-02 Client ID: DUP Sample					
Bromochloromethane	ND	ND	ug/l	NC	20
n-Butylbenzene	ND	ND	ug/l	NC	20
Dichlorodifluoromethane	ND	ND	ug/l	NC	20
Hexachlorobutadiene	ND	ND	ug/l	NC	20
Isopropylbenzene	ND	ND	ug/l	NC	20
p-Isopropyltoluene	ND	ND	ug/l	NC	20
Naphthalene	ND	ND	ug/l	NC	20
n-Propylbenzene	ND	ND	ug/l	NC	20
sec-Butylbenzene	ND	ND	ug/l	NC	20
tert-Butylbenzene	ND	ND	ug/l	NC	20
1,2,3-Trichlorobenzene	ND	ND	ug/l	NC	20
1,2,4-Trichlorobenzene	ND	ND	ug/l	NC	20
1,2,4-Trimethylbenzene	ND	ND	ug/l	NC	20
1,3,5-Trimethylbenzene	ND	ND	ug/l	NC	20
Bromobenzene	ND	ND	ug/l	NC	20
o-Chlorotoluene	ND	ND	ug/l	NC	20
p-Chlorotoluene	ND	ND	ug/l	NC	20
Dibromomethane	ND	ND	ug/l	NC	20
1,2-Dibromoethane	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 01,04-08 QC Batch ID: WG319665-2 QC Sample: L0805753-02 Client ID: DUP Sample					
1,2-Dibromo-3-chloropropane	ND	ND	ug/l	NC	20
1,3-Dichloropropane	ND	ND	ug/l	NC	20
Methyl tert butyl ether	ND	ND	ug/l	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	115		115		80-120
4-Bromofluorobenzene	87		88		80-120

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 02-03 QC Batch ID: WG320296-2 QC Sample: L0806023-03 Client ID: MW-3-042808					
Methylene chloride	ND	ND	ug/l	NC	20
1,1-Dichloroethane	ND	ND	ug/l	NC	20
Chloroform	ND	ND	ug/l	NC	20
Carbon tetrachloride	ND	ND	ug/l	NC	20
1,2-Dichloropropane	ND	ND	ug/l	NC	20
Dibromochloromethane	ND	ND	ug/l	NC	20
1,1,2-Trichloroethane	ND	ND	ug/l	NC	20
Tetrachloroethene	ND	ND	ug/l	NC	20
Chlorobenzene	ND	ND	ug/l	NC	20
Trichlorofluoromethane	ND	ND	ug/l	NC	20
1,2-Dichloroethane	ND	ND	ug/l	NC	20
1,1,1-Trichloroethane	ND	ND	ug/l	NC	20
Bromodichloromethane	ND	ND	ug/l	NC	20
trans-1,3-Dichloropropene	ND	ND	ug/l	NC	20
cis-1,3-Dichloropropene	ND	ND	ug/l	NC	20
Bromoform	ND	ND	ug/l	NC	20
1,1,2,2-Tetrachloroethane	ND	ND	ug/l	NC	20
Benzene	ND	ND	ug/l	NC	20
Toluene	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 02-03 QC Batch ID: WG320296-2 QC Sample: L0806023-03 Client ID: MW-3-042808					
Ethylbenzene	ND	ND	ug/l	NC	20
p/m-Xylene	ND	ND	ug/l	NC	20
Chloromethane	ND	ND	ug/l	NC	20
Bromomethane	ND	ND	ug/l	NC	20
Vinyl chloride	ND	ND	ug/l	NC	20
Chloroethane	ND	ND	ug/l	NC	20
1,1-Dichloroethene	ND	ND	ug/l	NC	20
trans-1,2-Dichloroethene	ND	ND	ug/l	NC	20
cis-1,2-Dichloroethene	ND	ND	ug/l	NC	20
Trichloroethene	ND	ND	ug/l	NC	20
1,2-Dichlorobenzene	ND	ND	ug/l	NC	20
1,3-Dichlorobenzene	ND	ND	ug/l	NC	20
1,4-Dichlorobenzene	ND	ND	ug/l	NC	20
Styrene	ND	ND	ug/l	NC	20
o-Xylene	ND	ND	ug/l	NC	20
1,1-Dichloropropene	ND	ND	ug/l	NC	20
2,2-Dichloropropane	ND	ND	ug/l	NC	20
1,1,1,2-Tetrachloroethane	ND	ND	ug/l	NC	20
1,2,3-Trichloropropane	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 02-03 QC Batch ID: WG320296-2 QC Sample: L0806023-03 Client ID: MW-3-042808					
Bromochloromethane	ND	ND	ug/l	NC	20
n-Butylbenzene	ND	ND	ug/l	NC	20
Dichlorodifluoromethane	ND	ND	ug/l	NC	20
Hexachlorobutadiene	ND	ND	ug/l	NC	20
Isopropylbenzene	ND	ND	ug/l	NC	20
p-Isopropyltoluene	ND	ND	ug/l	NC	20
Naphthalene	ND	ND	ug/l	NC	20
n-Propylbenzene	ND	ND	ug/l	NC	20
sec-Butylbenzene	ND	ND	ug/l	NC	20
tert-Butylbenzene	ND	ND	ug/l	NC	20
1,2,3-Trichlorobenzene	ND	ND	ug/l	NC	20
1,2,4-Trichlorobenzene	ND	ND	ug/l	NC	20
1,2,4-Trimethylbenzene	ND	ND	ug/l	NC	20
1,3,5-Trimethylbenzene	ND	ND	ug/l	NC	20
Bromobenzene	ND	ND	ug/l	NC	20
o-Chlorotoluene	ND	ND	ug/l	NC	20
p-Chlorotoluene	ND	ND	ug/l	NC	20
Dibromomethane	ND	ND	ug/l	NC	20
1,2-Dibromoethane	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS 524.2 Associated sample(s): 02-03 QC Batch ID: WG320296-2 QC Sample: L0806023-03 Client ID: MW-3-042808					
1,2-Dibromo-3-chloropropane	ND	ND	ug/l	NC	20
1,3-Dichloropropane	ND	ND	ug/l	NC	20
Methyl tert butyl ether	ND	ND	ug/l	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	112		111		80-120
4-Bromofluorobenzene	90		88		80-120

METALS

Project Name: WALPOLE PARK SOUTH
Lab Number: L0806023
Project Number: 12700058-003
Report Date: 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-01
Client ID: RIZ-10-042808
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/28/08 09:10
Date Received: 04/29/08
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 22:28	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 17:28	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.062		mg/l	0.010	1	04/30/08 12:00	05/02/08 17:28	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 17:28	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	04/30/08 12:00	05/02/08 17:28	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	04/30/08 12:00	05/02/08 17:28	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 17:28	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	05/01/08 18:00	05/02/08 13:48	EPA 7470A	64,7470A	RC
Nickel, Dissolved	ND		mg/l	0.025	1	04/30/08 12:00	05/02/08 17:28	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 17:28	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	04/30/08 12:00	05/02/08 17:28	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 22:28	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 17:28	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	04/30/08 12:00	05/02/08 17:28	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH
Lab Number: L0806023
Project Number: 12700058-003
Report Date: 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-02
Client ID: RIZ-9-042808
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 04/28/08 10:12
Date Received: 04/29/08
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 22:34	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 17:59	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.021		mg/l	0.010	1	04/30/08 12:00	05/02/08 17:59	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 17:59	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	04/30/08 12:00	05/02/08 17:59	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	04/30/08 12:00	05/02/08 17:59	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 17:59	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	05/01/08 18:00	05/02/08 13:55	EPA 7470A	64,7470A	RC
Nickel, Dissolved	ND		mg/l	0.025	1	04/30/08 12:00	05/02/08 17:59	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 17:59	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	04/30/08 12:00	05/02/08 17:59	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 22:34	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 17:59	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	04/30/08 12:00	05/02/08 17:59	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH
Lab Number: L0806023
Project Number: 12700058-003
Report Date: 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-03
Client ID: MW-3-042808
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/28/08 11:20
Date Received: 04/29/08
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 22:40	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 18:03	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.010		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:03	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 18:03	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	04/30/08 12:00	05/02/08 18:03	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	04/30/08 12:00	05/02/08 18:03	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:03	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	05/01/08 18:00	05/02/08 13:57	EPA 7470A	64,7470A	RC
Nickel, Dissolved	ND		mg/l	0.025	1	04/30/08 12:00	05/02/08 18:03	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:03	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	04/30/08 12:00	05/02/08 18:03	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 22:40	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:03	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	04/30/08 12:00	05/02/08 18:03	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH
Lab Number: L0806023
Project Number: 12700058-003
Report Date: 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-04
Client ID: RIZ-8-042808
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/28/08 12:15
Date Received: 04/29/08
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 22:45	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 18:06	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.025		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:06	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 18:06	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	04/30/08 12:00	05/02/08 18:06	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	04/30/08 12:00	05/02/08 18:06	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:06	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	05/01/08 18:00	05/02/08 13:58	EPA 7470A	64,7470A	RC
Nickel, Dissolved	ND		mg/l	0.025	1	04/30/08 12:00	05/02/08 18:06	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:06	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	04/30/08 12:00	05/02/08 18:06	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 22:45	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:06	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	04/30/08 12:00	05/02/08 18:06	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH
Lab Number: L0806023
Project Number: 12700058-003
Report Date: 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-05
Client ID: RIZ-8S-042808
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/28/08 12:30
Date Received: 04/29/08
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 23:07	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 18:10	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.054		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:10	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 18:10	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	04/30/08 12:00	05/02/08 18:10	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	04/30/08 12:00	05/02/08 18:10	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:10	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	05/01/08 18:00	05/02/08 14:00	EPA 7470A	64,7470A	RC
Nickel, Dissolved	ND		mg/l	0.025	1	04/30/08 12:00	05/02/08 18:10	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:10	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	04/30/08 12:00	05/02/08 18:10	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 23:07	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:10	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	04/30/08 12:00	05/02/08 18:10	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH
Lab Number: L0806023
Project Number: 12700058-003
Report Date: 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-06
Client ID: GHC-6-042808
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/28/08 14:36
Date Received: 04/29/08
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 23:13	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 18:14	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.059		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:14	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 18:14	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	04/30/08 12:00	05/02/08 18:14	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	04/30/08 12:00	05/02/08 18:14	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:14	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	05/01/08 18:00	05/02/08 14:02	EPA 7470A	64,7470A	RC
Nickel, Dissolved	ND		mg/l	0.025	1	04/30/08 12:00	05/02/08 18:14	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:14	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	04/30/08 12:00	05/02/08 18:14	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 23:13	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:14	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	04/30/08 12:00	05/02/08 18:14	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH
Lab Number: L0806023
Project Number: 12700058-003
Report Date: 05/05/08

SAMPLE RESULTS

Lab ID: L0806023-07
Client ID: MW-2-042808
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/28/08 14:52
Date Received: 04/29/08
Field Prep: Field Filtered

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Antimony, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 23:18	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 18:17	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.031		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:17	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 18:17	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	04/30/08 12:00	05/02/08 18:17	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	04/30/08 12:00	05/02/08 18:17	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:17	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	05/01/08 18:00	05/02/08 14:04	EPA 7470A	64,7470A	RC
Nickel, Dissolved	ND		mg/l	0.025	1	04/30/08 12:00	05/02/08 18:17	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:17	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	04/30/08 12:00	05/02/08 18:17	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	04/30/08 12:00	05/01/08 23:18	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 18:17	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	04/30/08 12:00	05/02/08 18:17	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0806023

Project Number: 12700058-003 **Report Date:** 05/05/08

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 01-07 Batch: WG320004-1									
Arsenic, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 15:41	60,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 15:41	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.005	1	04/30/08 12:00	05/02/08 15:41	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	04/30/08 12:00	05/02/08 15:41	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	04/30/08 12:00	05/02/08 15:41	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 15:41	60,6010B	AI
Nickel, Dissolved	ND		mg/l	0.025	1	04/30/08 12:00	05/02/08 15:41	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 15:41	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	04/30/08 12:00	05/02/08 15:41	60,6010B	AI
Vanadium, Dissolved	ND		mg/l	0.010	1	04/30/08 12:00	05/02/08 15:41	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	04/30/08 12:00	05/02/08 15:41	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 01-07 Batch: WG320013-1									
Antimony, Dissolved	ND		mg/l	0.0005	1	04/30/08 12:00	05/01/08 21:28	64,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0005	1	04/30/08 12:00	05/01/08 21:28	64,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 01-07 Batch: WG320203-1									
Mercury, Dissolved	ND		mg/l	0.0002	1	05/01/08 18:00	05/02/08 13:25	64,7470A	RC

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L0806023
Report Date: 05/05/08

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L0806023

Report Date: 05/05/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-07 Batch: WG320004-2 WG320004-3					
Arsenic, Dissolved	107	106	80-120	1	20
Barium, Dissolved	94	92	80-120	2	20
Beryllium, Dissolved	97	95	80-120	2	20
Cadmium, Dissolved	108	106	80-120	2	20
Chromium, Dissolved	95	95	80-120	0	20
Lead, Dissolved	97	95	80-120	2	20
Nickel, Dissolved	96	95	80-120	1	20
Selenium, Dissolved	103	103	80-120	0	20
Silver, Dissolved	94	92	80-120	2	20
Vanadium, Dissolved	98	96	80-120	2	20
Zinc, Dissolved	96	93	80-120	3	20
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-07 Batch: WG320013-2 WG320013-3					
Antimony, Dissolved	93	96	80-120	3	20
Thallium, Dissolved	96	97	80-120	1	20
Dissolved Metals by MCP 6000/7000 series Associated sample(s): 01-07 Batch: WG320203-2 WG320203-3					
Mercury, Dissolved	109	105	80-120	4	20

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0806023-01A	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-01B	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-01C	Plastic 500ml HNO3 preserved	A	<2	4 C	Y	Absent	MCP-CR-6010S,MCP-AG-6010S,MCP-AS-6010S,MCP-CD-6010S,MCP-NI-6010S,MCP-PB-6010S,MCP-TL-6020S,MCP-V-6010S,MCP-SB-6020S,MCP-7470S,MCP-BE-6010S,MCP-ZN-6010S,MCP-BA-6010S,MCP-SE-6010S
L0806023-02A	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-02B	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-02C	Plastic 500ml HNO3 preserved	A	<2	4 C	Y	Absent	MCP-CR-6010S,MCP-AG-6010S,MCP-AS-6010S,MCP-CD-6010S,MCP-NI-6010S,MCP-PB-6010S,MCP-TL-6020S,MCP-V-6010S,MCP-SB-6020S,MCP-7470S,MCP-BE-6010S,MCP-ZN-6010S,MCP-BA-6010S,MCP-SE-6010S
L0806023-03A	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-03B	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-03C	Plastic 500ml HNO3 preserved	A	<2	4 C	Y	Absent	MCP-CR-6010S,MCP-AG-6010S,MCP-AS-6010S,MCP-CD-6010S,MCP-NI-6010S,MCP-PB-6010S,MCP-TL-6020S,MCP-V-6010S,MCP-SB-6020S,MCP-7470S,MCP-BE-6010S,MCP-ZN-6010S,MCP-BA-6010S,MCP-SE-6010S
L0806023-04A	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-04B	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-04C	Plastic 500ml HNO3 preserved	A	<2	4 C	Y	Absent	MCP-CR-6010S,MCP-AG-6010S,MCP-AS-6010S,MCP-CD-6010S,MCP-NI-6010S,MCP-PB-6010S,MCP-TL-6020S,MCP-V-6010S,MCP-SB-6020S,MCP-7470S,MCP-BE-6010S,MCP-ZN-6010S,MCP-BA-6010S,MCP-SE-6010S
L0806023-05A	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0806023-05B	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-05C	Plastic 500ml HNO3 preserved	A	<2	4 C	Y	Absent	MCP-CR-6010S,MCP-AG-6010S,MCP-AS-6010S,MCP-CD-6010S,MCP-NI-6010S,MCP-PB-6010S,MCP-TL-6020S,MCP-V-6010S,MCP-SB-6020S,MCP-7470S,MCP-BE-6010S,MCP-ZN-6010S,MCP-BA-6010S,MCP-SE-6010S
L0806023-06A	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-06B	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-06C	Plastic 500ml HNO3 preserved	A	<2	4 C	Y	Absent	MCP-CR-6010S,MCP-AG-6010S,MCP-AS-6010S,MCP-CD-6010S,MCP-NI-6010S,MCP-PB-6010S,MCP-TL-6020S,MCP-V-6010S,MCP-SB-6020S,MCP-7470S,MCP-BE-6010S,MCP-ZN-6010S,MCP-BA-6010S,MCP-SE-6010S
L0806023-07A	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-07B	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2
L0806023-07C	Plastic 500ml HNO3 preserved	A	<2	4 C	Y	Absent	MCP-CR-6010S,MCP-AG-6010S,MCP-AS-6010S,MCP-CD-6010S,MCP-NI-6010S,MCP-PB-6010S,MCP-TL-6020S,MCP-V-6010S,MCP-SB-6020S,MCP-7470S,MCP-BE-6010S,MCP-ZN-6010S,MCP-BA-6010S,MCP-SE-6010S
L0806023-08A	Vial HCl preserved	A	NA	4 C	Y	Absent	524.2

Container Comments

L0806023-01A	IR Gun
L0806023-01B	IR Gun
L0806023-01C	IR Gun
L0806023-02A	IR Gun
L0806023-02B	IR Gun
L0806023-02C	IR Gun
L0806023-03A	IR Gun
L0806023-03B	IR Gun
L0806023-03C	IR Gun

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L0806023
Report Date: 05/05/08

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis

Container Comments

L0806023-04A	IR Gun
L0806023-04B	IR Gun
L0806023-04C	IR Gun
L0806023-05A	IR Gun
L0806023-05B	IR Gun
L0806023-05C	IR Gun
L0806023-06A	IR Gun
L0806023-06B	IR Gun
L0806023-06C	IR Gun
L0806023-07A	IR Gun
L0806023-07B	IR Gun
L0806023-07C	IR Gun
L0806023-08A	IR Gun

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L0806023
Project Number:	12700058-003	**Report Date:**	05/05/08

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.

NI - Not Ignitable.

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.

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

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

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.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Report Format: Data Usability Report

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L0806023
Project Number:	12700058-003	**Report Date:**	05/05/08

REFERENCES

16 Methods for the Determination of Organic Compounds in Drinking Water - Supplement II. EPA/600/R-92/129, August 1992.

60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

64 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). August 2004.

LIMITATION OF LIABILITIES

Alpha Woods Hole Labs 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 Woods Hole Labs 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.

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 4/29

ALPHA Job #: L0806023

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: TetraTech RIZZO
Address: One Grant St
Framingham, MA
Phone: 508 903 2039
Fax: 508 903 2001
Email: ian.cannon@tetratech.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Walpole Park South
Project Location: Walpole, MA
Project #: 12700058-003
Project Manager: Ian Cannon Ray Johnson
ALPHA Quote #:

Turn-Around Time

☒ Standard 5 Day ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: MA MCP CAM
Criteria: GW-1

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 - metals only
☐ 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	MCP 14 metals (dis)	VOCs (524.2)	Sample Specific Comments	TOTAL # BOTTLES
0003.1	RIZ-10-042808	4.28.08	910	GW		X	X		3
2	RIZ-9-042808		1012						
3	MW-3-042808		1120						
4	RIZ-8-042808		1215						
5	RIZ-8S-042808		1230						
6	GHC-6-042808		1436						
7	MW-2-042808		1452						
8	Trip Blank-042808								1

Container Type	P	V
Preservative	N	HCl

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
John Branche	4/29 12:05	John Branche	4/29 1205
	4/29/08	Ken Bailey	4/29/08 1255

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 Payment Terms. See reverse side.

FORM NO: 01-01 (rev. 30-JUL-07)

Report Date:
26-Nov-08 14:04

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Tetra Tech Rizzo
One Grant Street - P.O. Box 9005
Framingham, MA 01701
Attn: Ray Johnson

Project: Walpole Park South-Walpole, MA
Project 12700058

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA87371-01	RIZ-10-GW	Ground Water	11-Nov-08 14:35	12-Nov-08 17:15
SA87371-02	RIZ-8-GW	Ground Water	11-Nov-08 13:50	12-Nov-08 17:15
SA87371-03	RIZ-3-GW	Ground Water	11-Nov-08 15:40	12-Nov-08 17:15
SA87371-04	MW-9-GW	Ground Water	11-Nov-08 11:50	12-Nov-08 17:15
SA87371-05	MW-2-GW	Ground Water	11-Nov-08 09:50	12-Nov-08 17:15
SA87371-06	RIZ-9-GW	Ground Water	11-Nov-08 11:00	12-Nov-08 17:15
SA87371-07	MW-3-GW	Ground Water	11-Nov-08 08:35	12-Nov-08 17:15
SA87371-08	GHC-6-GW	Ground Water	11-Nov-08 09:20	12-Nov-08 17:15
SA87371-09	Trip Blank 111108	Aqueous	11-Nov-08 00:00	12-Nov-08 17:15

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of Massachusetts for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of Massachusetts does not offer certification for all analytes.
Please note that this report contains 43 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supercedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report is available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

CASE NARRATIVE:

The samples were received 3.9 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

MADEP has published a list of analytical methods (CAM) which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of MCP decisions. "Presumptive Certainty" can be established only for those methods published by the MADEP in the MCP CAM. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

According to WSC-CAM 5/2004 Rev.4, Table 11 A-1, recovery for some VOC analytes have been deemed potentially difficult. Although they may still be within the recommended 70%-130% recovery range, a range has been set based on historical control limits.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

EPA 624

Laboratory Control Samples:

8111076-BSD1

The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

1,1,1-Trichloroethane
1,1-Dichloroethene
Carbon tetrachloride
Trichlorofluoromethane (Freon 11)
Vinyl chloride

8111194-BSD1

Analyte out of acceptance range.

2-Hexanone (MBK)
Vinyl chloride

EPA 624

Spikes:

8111194-MS1 *Source: SA87191-03*

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

1,1-Dichloroethene
Benzene
Tetrachloroethene
trans-1,2-Dichloroethene
Trichloroethene

8111194-MSD1 *Source: SA87191-03*

Analyte out of acceptance range.

Toluene

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

1,1-Dichloroethene
Benzene
Tetrachloroethene
trans-1,2-Dichloroethene
Trichloroethene

8111291-MS1 *Source: SA87501-01*

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Carbon tetrachloride

8111291-MSD1 *Source: SA87501-01*

Analyte out of acceptance range.

1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Benzene
Bromodichloromethane
Bromoform
Chlorobenzene
Chloroform
cis-1,3-Dichloropropene
Dibromochloromethane
Ethylbenzene
Toluene
trans-1,3-Dichloropropene

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Carbon tetrachloride

SW846 6010B

SW846 6010B

Duplicates:

8111042-DUP1 *Source: SA87401-01*

Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Lead

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RIZ-10-GW	12700058	Ground Water	11-Nov-08 14:35	12-Nov-08
SA87371-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds by GCMS											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	20.0	1	EPA 624	14-Nov-08	15-Nov-08	8111077	
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*105*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	14-Nov-08	14-Nov-08	8111039	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		µg/l	5.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-38-2	Arsenic	BRL		µg/l	4.0	1	"	"	"	"	
7440-39-3	Barium	88.4		µg/l	5.0	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RIZ-10-GW SA87371-01	12700058	Ground Water	11-Nov-08 14:35	12-Nov-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Soluble Metals by EPA 6000/7000 Series Methods											
7440-41-7	Beryllium	BRL		µg/l	2.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-43-9	Cadmium	BRL		µg/l	2.5	1	"	"	"	"	
7440-47-3	Chromium	BRL		µg/l	5.0	1	"	"	"	"	
7440-02-0	Nickel	BRL		µg/l	5.0	1	"	"	"	"	
7439-92-1	Lead	BRL		µg/l	7.5	1	"	"	"	"	
7440-36-0	Antimony	BRL		µg/l	6.0	1	"	"	"	"	
7782-49-2	Selenium	BRL		µg/l	15.0	1	"	"	"	"	
7440-28-0	Thallium	11.6		µg/l	5.0	1	"	"	"	"	
7440-62-2	Vanadium	BRL		µg/l	5.0	1	"	"	"	"	
7440-66-6	Zinc	36.3		µg/l	7.5	1	"	"	"	"	
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		µg/l	0.20	1	EPA 245.1/7470A	21-Nov-08	24-Nov-08	8111043	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RIZ-8-GW	12700058	Ground Water	11-Nov-08 13:50	12-Nov-08
SA87371-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds by GCMS											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	20.0	1	EPA 624	18-Nov-08	18-Nov-08	8111291	
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*86*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*112*		*70-130 %*			"	"	"	"	
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	14-Nov-08	14-Nov-08	8111039	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		µg/l	5.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-38-2	Arsenic	BRL		µg/l	4.0	1	"	"	"	"	
7440-39-3	Barium	27.6		µg/l	5.0	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RIZ-8-GW SA87371-02	12700058	Ground Water	11-Nov-08 13:50	12-Nov-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Soluble Metals by EPA 6000/7000 Series Methods											
7440-41-7	Beryllium	BRL		µg/l	2.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-43-9	Cadmium	BRL		µg/l	2.5	1	"	"	"	"	
7440-47-3	Chromium	BRL		µg/l	5.0	1	"	"	"	"	
7440-02-0	Nickel	BRL		µg/l	5.0	1	"	"	"	"	
7439-92-1	Lead	BRL		µg/l	7.5	1	"	"	"	"	
7440-36-0	Antimony	BRL		µg/l	6.0	1	"	"	"	"	
7782-49-2	Selenium	BRL		µg/l	15.0	1	"	"	"	"	
7440-28-0	Thallium	BRL		µg/l	5.0	1	"	"	"	"	
7440-62-2	Vanadium	BRL		µg/l	5.0	1	"	"	"	"	
7440-66-6	Zinc	26.4		µg/l	7.5	1	"	"	"	"	
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		µg/l	0.20	1	EPA 245.1/7470A	21-Nov-08	24-Nov-08	8111043	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RIZ-3-GW	12700058	Ground Water	11-Nov-08 15:40	12-Nov-08
SA87371-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds by GCMS											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	20.0	1	EPA 624	14-Nov-08	15-Nov-08	8111077	
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*114*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	14-Nov-08	14-Nov-08	8111039	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		µg/l	5.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-38-2	Arsenic	BRL		µg/l	4.0	1	"	"	"	"	
7440-39-3	Barium	86.2		µg/l	5.0	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RIZ-3-GW SA87371-03	12700058	Ground Water	11-Nov-08 15:40	12-Nov-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Soluble Metals by EPA 6000/7000 Series Methods											
7440-41-7	Beryllium	BRL		µg/l	2.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-43-9	Cadmium	BRL		µg/l	2.5	1	"	"	"	"	
7440-47-3	Chromium	BRL		µg/l	5.0	1	"	"	"	"	
7440-02-0	Nickel	BRL		µg/l	5.0	1	"	"	"	"	
7439-92-1	Lead	BRL		µg/l	7.5	1	"	"	"	"	
7440-36-0	Antimony	BRL		µg/l	6.0	1	"	"	"	"	
7782-49-2	Selenium	BRL		µg/l	15.0	1	"	"	"	"	
7440-28-0	Thallium	BRL		µg/l	5.0	1	"	"	24-Nov-08	"	
7440-62-2	Vanadium	BRL		µg/l	5.0	1	"	"	21-Nov-08	"	
7440-66-6	Zinc	21.0		µg/l	7.5	1	"	"	"	"	
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		µg/l	0.20	1	EPA 245.1/7470A	21-Nov-08	24-Nov-08	8111043	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-9-GW SA87371-04	12700058	Ground Water	11-Nov-08 11:50	12-Nov-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds by GCMS											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	20.0	1	EPA 624	14-Nov-08	15-Nov-08	8111077	
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	2.2		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	2.7		µg/l	1.0	1	"	"	"	"	
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*103*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*113*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*110*		*70-130 %*			"	"	"	"	
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	14-Nov-08	14-Nov-08	8111039	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		µg/l	5.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-38-2	Arsenic	BRL		µg/l	4.0	1	"	"	"	"	
7440-39-3	Barium	18.6		µg/l	5.0	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-9-GW SA87371-04	12700058	Ground Water	11-Nov-08 11:50	12-Nov-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Soluble Metals by EPA 6000/7000 Series Methods											
7440-41-7	Beryllium	BRL		µg/l	2.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-43-9	Cadmium	BRL		µg/l	2.5	1	"	"	"	"	
7440-47-3	Chromium	BRL		µg/l	5.0	1	"	"	"	"	
7440-02-0	Nickel	BRL		µg/l	5.0	1	"	"	"	"	
7439-92-1	Lead	BRL		µg/l	7.5	1	"	"	"	"	
7440-36-0	Antimony	BRL		µg/l	6.0	1	"	"	"	"	
7782-49-2	Selenium	BRL		µg/l	15.0	1	"	"	"	"	
7440-28-0	Thallium	BRL		µg/l	5.0	1	"	"	"	"	
7440-62-2	Vanadium	BRL		µg/l	5.0	1	"	"	"	"	
7440-66-6	Zinc	34.7		µg/l	7.5	1	"	"	"	"	
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		µg/l	0.20	1	EPA 245.1/7470A	21-Nov-08	24-Nov-08	8111043	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-2-GW SA87371-05	12700058	Ground Water	11-Nov-08 09:50	12-Nov-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds by GCMS											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	20.0	1	EPA 624	14-Nov-08	15-Nov-08	8111077	
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*104*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*111*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	14-Nov-08	14-Nov-08	8111039	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		µg/l	5.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-38-2	Arsenic	BRL		µg/l	4.0	1	"	"	"	"	
7440-39-3	Barium	129		µg/l	5.0	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-2-GW SA87371-05	12700058	Ground Water	11-Nov-08 09:50	12-Nov-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Soluble Metals by EPA 6000/7000 Series Methods											
7440-41-7	Beryllium	BRL		µg/l	2.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-43-9	Cadmium	BRL		µg/l	2.5	1	"	"	"	"	
7440-47-3	Chromium	BRL		µg/l	5.0	1	"	"	"	"	
7440-02-0	Nickel	BRL		µg/l	5.0	1	"	"	"	"	
7439-92-1	Lead	BRL		µg/l	7.5	1	"	"	"	"	
7440-36-0	Antimony	BRL		µg/l	6.0	1	"	"	"	"	
7782-49-2	Selenium	BRL		µg/l	15.0	1	"	"	"	"	
7440-28-0	Thallium	BRL		µg/l	5.0	1	"	"	"	"	
7440-62-2	Vanadium	BRL		µg/l	5.0	1	"	"	"	"	
7440-66-6	Zinc	28.0		µg/l	7.5	1	"	"	"	"	
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		µg/l	0.20	1	EPA 245.1/7470A	21-Nov-08	24-Nov-08	8111043	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RIZ-9-GW	12700058	Ground Water	11-Nov-08 11:00	12-Nov-08
SA87371-06				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds by GCMS											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	20.0	1	EPA 624	14-Nov-08	15-Nov-08	8111077	
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*111*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	14-Nov-08	14-Nov-08	8111039	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		µg/l	5.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-38-2	Arsenic	BRL		µg/l	4.0	1	"	"	"	"	
7440-39-3	Barium	14.8		µg/l	5.0	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
RIZ-9-GW SA87371-06	12700058	Ground Water	11-Nov-08 11:00	12-Nov-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Soluble Metals by EPA 6000/7000 Series Methods											
7440-41-7	Beryllium	BRL		µg/l	2.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-43-9	Cadmium	BRL		µg/l	2.5	1	"	"	"	"	
7440-47-3	Chromium	BRL		µg/l	5.0	1	"	"	"	"	
7440-02-0	Nickel	BRL		µg/l	5.0	1	"	"	"	"	
7439-92-1	Lead	BRL		µg/l	7.5	1	"	"	"	"	
7440-36-0	Antimony	BRL		µg/l	6.0	1	"	"	"	"	
7782-49-2	Selenium	BRL		µg/l	15.0	1	"	"	"	"	
7440-28-0	Thallium	BRL		µg/l	5.0	1	"	"	24-Nov-08	"	
7440-62-2	Vanadium	BRL		µg/l	5.0	1	"	"	21-Nov-08	"	
7440-66-6	Zinc	20.0		µg/l	7.5	1	"	"	"	"	
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		µg/l	0.20	1	EPA 245.1/7470A	21-Nov-08	24-Nov-08	8111043	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-3-GW SA87371-07	12700058	Ground Water	11-Nov-08 08:35	12-Nov-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds by GCMS											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	20.0	1	EPA 624	17-Nov-08	17-Nov-08	8111194	
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*81*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*127*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*119*		*70-130 %*			"	"	"	"	
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	14-Nov-08	14-Nov-08	8111039	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		µg/l	5.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-38-2	Arsenic	BRL		µg/l	4.0	1	"	"	"	"	
7440-39-3	Barium	11.4		µg/l	5.0	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-3-GW SA87371-07	12700058	Ground Water	11-Nov-08 08:35	12-Nov-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Soluble Metals by EPA 6000/7000 Series Methods											
7440-41-7	Beryllium	BRL		µg/l	2.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-43-9	Cadmium	BRL		µg/l	2.5	1	"	"	"	"	
7440-47-3	Chromium	BRL		µg/l	5.0	1	"	"	"	"	
7440-02-0	Nickel	BRL		µg/l	5.0	1	"	"	"	"	
7439-92-1	Lead	8.8		µg/l	7.5	1	"	"	"	"	
7440-36-0	Antimony	BRL		µg/l	6.0	1	"	"	"	"	
7782-49-2	Selenium	BRL		µg/l	15.0	1	"	"	"	"	
7440-28-0	Thallium	BRL		µg/l	5.0	1	"	"	"	"	
7440-62-2	Vanadium	BRL		µg/l	5.0	1	"	"	"	"	
7440-66-6	Zinc	34.5		µg/l	7.5	1	"	"	"	"	
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		µg/l	0.20	1	EPA 245.1/7470A	21-Nov-08	24-Nov-08	8111043	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GHC-6-GW	12700058	Ground Water	11-Nov-08 09:20	12-Nov-08
SA87371-08				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds by GCMS											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	20.0	1	EPA 624	14-Nov-08	15-Nov-08	8111076	
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*84*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*95*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*127*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*120*		*70-130 %*			"	"	"	"	
Soluble Metals by EPA 200/6000 Series Methods											
	Filtration	Field Filtered		N/A		1	EPA 200.7/3005A	14-Nov-08	14-Nov-08	8111039	
Soluble Metals by EPA 6000/7000 Series Methods											
7440-22-4	Silver	BRL		µg/l	5.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-38-2	Arsenic	BRL		µg/l	4.0	1	"	"	"	"	
7440-39-3	Barium	36.8		µg/l	5.0	1	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GHC-6-GW SA87371-08	12700058	Ground Water	11-Nov-08 09:20	12-Nov-08

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Cert.*
Soluble Metals by EPA 6000/7000 Series Methods											
7440-41-7	Beryllium	BRL		µg/l	2.0	1	SW846 6010B	21-Nov-08	21-Nov-08	8111042	
7440-43-9	Cadmium	BRL		µg/l	2.5	1	"	"	"	"	
7440-47-3	Chromium	BRL		µg/l	5.0	1	"	"	"	"	
7440-02-0	Nickel	BRL		µg/l	5.0	1	"	"	"	"	
7439-92-1	Lead	BRL		µg/l	7.5	1	"	"	"	"	
7440-36-0	Antimony	BRL		µg/l	6.0	1	"	"	"	"	
7782-49-2	Selenium	BRL		µg/l	15.0	1	"	"	"	"	
7440-28-0	Thallium	BRL		µg/l	5.0	1	"	"	"	"	
7440-62-2	Vanadium	BRL		µg/l	5.0	1	"	"	"	"	
7440-66-6	Zinc	21.6		µg/l	7.5	1	"	"	"	"	
Soluble Metals by EPA 200 Series Methods											
7439-97-6	Mercury	BRL		µg/l	0.20	1	EPA 245.1/7470A	21-Nov-08	24-Nov-08	8111043	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank 111108	12700058	Aqueous	11-Nov-08 00:00	12-Nov-08
SA87371-09				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Cert.
Volatile Organic Compounds											
Volatile Organic Compounds by GCMS											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	20.0	1	EPA 624	14-Nov-08	15-Nov-08	8111076	
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-27-4	Bromodichloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	X
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	X
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	X
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	X
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	X
124-48-1	Dibromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	X
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	
75-09-2	Methylene chloride	BRL		µg/l	10.0	1	"	"	"	"	X
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	X
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	X
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	X
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	X
179601-23-1	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	X
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	X
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*82*		*70-130 %*			"	"	"	"	
2037-26-5	*Toluene-d8*	*93*		*70-130 %*			"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*127*		*70-130 %*			"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*120*		*70-130 %*			"	"	"	"	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111076 - SW846 5030 Water MS										
Blank (8111076-BLK1)										
Prepared & Analyzed: 14-Nov-08										
Acetone	BRL		µg/l	20.0						
Benzene	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Styrene	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/l		*30.0*		*84*	*70-130*		
Surrogate: Toluene-d8	*29.2*		µg/l		*30.0*		*98*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.0*		µg/l		*30.0*		*110*	*70-130*		
Surrogate: Dibromofluoromethane	*32.3*		µg/l		*30.0*		*108*	*70-130*		
LCS (8111076-BS1)										
Prepared & Analyzed: 14-Nov-08										
Acetone	18.0		µg/l		20.0		90	70-130		
Benzene	21.7		µg/l		20.0		108	70-130		
Bromodichloromethane	24.1		µg/l		20.0		121	35-155		
Bromoform	17.5		µg/l		20.0		87	45-169		
Bromomethane	22.2		µg/l		20.0		111	1-242		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111076 - SW846 5030 Water MS										
LCS (8111076-BS1)										
Prepared & Analyzed: 14-Nov-08										
2-Butanone (MEK)	18.1		µg/l		20.0		90	70-130		
Carbon tetrachloride	23.3		µg/l		20.0		117	70-140		
Chlorobenzene	21.2		µg/l		20.0		106	70-130		
Chloroethane	22.4		µg/l		20.0		112	14-230		
Chloroform	23.0		µg/l		20.0		115	51-138		
Chloromethane	20.3		µg/l		20.0		101	1-273		
Dibromochloromethane	19.2		µg/l		20.0		96	53-149		
1,2-Dichlorobenzene	20.4		µg/l		20.0		102	18-190		
1,3-Dichlorobenzene	22.2		µg/l		20.0		111	59-156		
1,4-Dichlorobenzene	20.4		µg/l		20.0		102	18-190		
1,1-Dichloroethane	20.8		µg/l		20.0		104	59-155		
1,2-Dichloroethane	20.1		µg/l		20.0		100	49-155		
1,1-Dichloroethene	20.1		µg/l		20.0		100	70-130		
cis-1,2-Dichloroethene	20.0		µg/l		20.0		100	70-130		
trans-1,2-Dichloroethene	21.0		µg/l		20.0		105	54-156		
1,2-Dichloropropane	21.4		µg/l		20.0		107	1-210		
cis-1,3-Dichloropropene	18.6		µg/l		20.0		93	1-227		
trans-1,3-Dichloropropene	18.3		µg/l		20.0		92	17-183		
Ethylbenzene	22.0		µg/l		20.0		110	37-162		
2-Hexanone (MBK)	14.5		µg/l		20.0		72	70-130		
Methyl tert-butyl ether	20.2		µg/l		20.0		101	70-130		
4-Methyl-2-pentanone (MIBK)	18.1		µg/l		20.0		90	70-130		
Methylene chloride	22.5		µg/l		20.0		113	1-221		
Styrene	19.4		µg/l		20.0		97	70-130		
1,1,2,2-Tetrachloroethane	20.1		µg/l		20.0		101	46-157		
Tetrachloroethene	19.0		µg/l		20.0		95	64-148		
Toluene	21.0		µg/l		20.0		105	70-130		
1,1,1-Trichloroethane	20.0		µg/l		20.0		100	52-162		
1,1,2-Trichloroethane	20.7		µg/l		20.0		103	52-150		
Trichloroethene	20.9		µg/l		20.0		105	71-157		
Trichlorofluoromethane (Freon 11)	21.4		µg/l		20.0		107	17-181		
Vinyl chloride	23.8		µg/l		20.0		119	1-251		
m,p-Xylene	45.3		µg/l		40.0		113	70-130		
o-Xylene	22.8		µg/l		20.0		114	70-130		
Surrogate: 4-Bromofluorobenzene	*31.3*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.2*		µg/l		*30.0*		*97*	*70-130*		
Surrogate: Dibromofluoromethane	*30.8*		µg/l		*30.0*		*103*	*70-130*		
LCS Dup (8111076-BSD1)										
Prepared & Analyzed: 14-Nov-08										
Acetone	17.0		µg/l		20.0		85	70-130	6	30
Benzene	17.3		µg/l		20.0		87	70-130	22	30
Bromodichloromethane	20.3		µg/l		20.0		101	35-155	17	30
Bromoform	16.3		µg/l		20.0		82	45-169	7	30
Bromomethane	17.8		µg/l		20.0		89	1-242	22	30
2-Butanone (MEK)	19.1		µg/l		20.0		96	70-130	6	30
Carbon tetrachloride	15.8	QR2	µg/l		20.0		79	70-140	39	30
Chlorobenzene	17.6		µg/l		20.0		88	70-130	18	30
Chloroethane	17.8		µg/l		20.0		89	14-230	23	30
Chloroform	19.4		µg/l		20.0		97	51-138	17	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111076 - SW846 5030 Water MS										
LCS Dup (8111076-BSD1)										
Prepared & Analyzed: 14-Nov-08										
Chloromethane	15.6		µg/l		20.0		78	1-273	26	30
Dibromochloromethane	17.3		µg/l		20.0		87	53-149	10	30
1,2-Dichlorobenzene	17.4		µg/l		20.0		87	18-190	16	30
1,3-Dichlorobenzene	19.3		µg/l		20.0		96	59-156	14	30
1,4-Dichlorobenzene	17.5		µg/l		20.0		88	18-190	15	30
1,1-Dichloroethane	17.3		µg/l		20.0		87	59-155	18	30
1,2-Dichloroethane	17.9		µg/l		20.0		90	49-155	11	30
1,1-Dichloroethene	14.2	QR2	µg/l		20.0		71	70-130	34	30
cis-1,2-Dichloroethene	16.8		µg/l		20.0		84	70-130	18	30
trans-1,2-Dichloroethene	16.4		µg/l		20.0		82	54-156	24	30
1,2-Dichloropropane	17.9		µg/l		20.0		89	1-210	18	30
cis-1,3-Dichloropropene	16.1		µg/l		20.0		80	1-227	14	30
trans-1,3-Dichloropropene	16.3		µg/l		20.0		82	17-183	11	30
Ethylbenzene	17.1		µg/l		20.0		86	37-162	25	30
2-Hexanone (MBK)	14.2		µg/l		20.0		71	70-130	2	30
Methyl tert-butyl ether	19.1		µg/l		20.0		96	70-130	6	30
4-Methyl-2-pentanone (MIBK)	18.6		µg/l		20.0		93	70-130	3	30
Methylene chloride	19.0		µg/l		20.0		95	1-221	17	30
Styrene	15.7		µg/l		20.0		78	70-130	21	30
1,1,2,2-Tetrachloroethane	19.4		µg/l		20.0		97	46-157	4	30
Tetrachloroethene	14.4		µg/l		20.0		72	64-148	27	30
Toluene	17.0		µg/l		20.0		85	70-130	21	30
1,1,1-Trichloroethane	14.6	QR2	µg/l		20.0		73	52-162	31	30
1,1,2-Trichloroethane	18.8		µg/l		20.0		94	52-150	9	30
Trichloroethene	16.3		µg/l		20.0		82	71-157	25	30
Trichlorofluoromethane (Freon 11)	13.9	QR2	µg/l		20.0		69	17-181	43	30
Vinyl chloride	15.8	QR2	µg/l		20.0		79	1-251	41	30
m,p-Xylene	35.6		µg/l		40.0		89	70-130	24	30
o-Xylene	18.4		µg/l		20.0		92	70-130	21	30
Surrogate: 4-Bromofluorobenzene	*30.9*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*30.4*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.8*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*31.1*		µg/l		*30.0*		*104*	*70-130*		
Matrix Spike (8111076-MS1)	**Source: SA87267-01**									
Prepared & Analyzed: 14-Nov-08										
Benzene	17.5		µg/l		20.0	BRL	88	70-130		
Bromodichloromethane	23.0		µg/l		20.0	BRL	115	35-155		
Bromoform	17.2		µg/l		20.0	BRL	86	45-169		
Bromomethane	11.9		µg/l		20.0	BRL	60	1-242		
Carbon tetrachloride	21.0		µg/l		20.0	BRL	105	70-140		
Chlorobenzene	19.3		µg/l		20.0	BRL	97	70-130		
Chloroethane	13.9		µg/l		20.0	BRL	70	14-230		
Chloroform	21.5		µg/l		20.0	BRL	108	51-138		
Chloromethane	10.0		µg/l		20.0	BRL	50	1-273		
Dibromochloromethane	18.5		µg/l		20.0	BRL	92	53-149		
1,2-Dichlorobenzene	21.4		µg/l		20.0	BRL	107	18-190		
1,3-Dichlorobenzene	21.8		µg/l		20.0	BRL	109	59-156		
1,4-Dichlorobenzene	20.1		µg/l		20.0	BRL	100	18-190		
1,1-Dichloroethane	19.3		µg/l		20.0	BRL	97	59-155		
1,2-Dichloroethane	18.0		µg/l		20.0	BRL	90	49-155		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111076 - SW846 5030 Water MS										
Matrix Spike (8111076-MS1)	**Source: SA87267-01**									
Prepared & Analyzed: 14-Nov-08										
1,1-Dichloroethene	14.1		µg/l		20.0	BRL	71	70-130		
trans-1,2-Dichloroethene	14.1		µg/l		20.0	BRL	71	54-156		
1,2-Dichloropropane	20.1		µg/l		20.0	BRL	101	1-210		
cis-1,3-Dichloropropene	16.9		µg/l		20.0	BRL	84	1-227		
trans-1,3-Dichloropropene	17.0		µg/l		20.0	BRL	85	17-183		
Ethylbenzene	19.3		µg/l		20.0	BRL	97	37-162		
Methylene chloride	17.8		µg/l		20.0	BRL	89	1-221		
1,1,2,2-Tetrachloroethane	20.1		µg/l		20.0	BRL	101	46-157		
Tetrachloroethene	16.0		µg/l		20.0	BRL	80	64-148		
Toluene	17.6		µg/l		20.0	BRL	88	70-130		
1,1,1-Trichloroethane	19.1		µg/l		20.0	BRL	96	52-162		
1,1,2-Trichloroethane	20.8		µg/l		20.0	BRL	104	52-150		
Trichloroethene	17.5		µg/l		20.0	BRL	88	71-157		
Trichlorofluoromethane (Freon 11)	16.6		µg/l		20.0	BRL	83	17-181		
Vinyl chloride	11.4		µg/l		20.0	BRL	57	1-251		
Surrogate: 4-Bromofluorobenzene	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*30.1*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.6*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*31.5*		µg/l		*30.0*		*105*	*70-130*		
Matrix Spike Dup (8111076-MSD1)	**Source: SA87267-01**									
Prepared & Analyzed: 14-Nov-08										
Benzene	17.5		µg/l		20.0	BRL	88	70-130	0.06	30
Bromodichloromethane	23.5		µg/l		20.0	BRL	118	35-155	2	30
Bromoform	17.2		µg/l		20.0	BRL	86	45-169	0.4	30
Bromomethane	12.0		µg/l		20.0	BRL	60	1-242	0.9	30
Carbon tetrachloride	20.9		µg/l		20.0	BRL	104	70-140	0.7	30
Chlorobenzene	19.1		µg/l		20.0	BRL	96	70-130	0.9	30
Chloroethane	13.0		µg/l		20.0	BRL	65	14-230	7	30
Chloroform	21.5		µg/l		20.0	BRL	107	51-138	0.2	30
Chloromethane	9.4		µg/l		20.0	BRL	47	1-273	7	30
Dibromochloromethane	19.0		µg/l		20.0	BRL	95	53-149	2	30
1,2-Dichlorobenzene	21.1		µg/l		20.0	BRL	105	18-190	1	30
1,3-Dichlorobenzene	21.8		µg/l		20.0	BRL	109	59-156	0.2	30
1,4-Dichlorobenzene	19.8		µg/l		20.0	BRL	99	18-190	1	30
1,1-Dichloroethane	19.1		µg/l		20.0	BRL	95	59-155	1	30
1,2-Dichloroethane	18.2		µg/l		20.0	BRL	91	49-155	1	30
1,1-Dichloroethene	14.4		µg/l		20.0	BRL	72	70-130	2	30
trans-1,2-Dichloroethene	14.2		µg/l		20.0	BRL	71	54-156	0.2	30
1,2-Dichloropropane	19.9		µg/l		20.0	BRL	100	1-210	1	30
cis-1,3-Dichloropropene	17.4		µg/l		20.0	BRL	87	1-227	3	30
trans-1,3-Dichloropropene	17.5		µg/l		20.0	BRL	88	17-183	3	30
Ethylbenzene	19.8		µg/l		20.0	BRL	99	37-162	2	30
Methylene chloride	17.5		µg/l		20.0	BRL	87	1-221	2	30
1,1,2,2-Tetrachloroethane	19.6		µg/l		20.0	BRL	98	46-157	3	30
Tetrachloroethene	16.5		µg/l		20.0	BRL	83	64-148	4	30
Toluene	18.1		µg/l		20.0	BRL	91	70-130	3	30
1,1,1-Trichloroethane	19.0		µg/l		20.0	BRL	95	52-162	0.5	30
1,1,2-Trichloroethane	20.6		µg/l		20.0	BRL	103	52-150	1	30
Trichloroethene	17.7		µg/l		20.0	BRL	88	71-157	1	30
Trichlorofluoromethane (Freon 11)	15.7		µg/l		20.0	BRL	79	17-181	5	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111076 - SW846 5030 Water MS										
Matrix Spike Dup (8111076-MSD1) **Source: SA87267-01**										
Prepared & Analyzed: 14-Nov-08										
Vinyl chloride	11.5		µg/l		20.0	BRL	58	1-251	0.6	30
Surrogate: 4-Bromofluorobenzene	*30.9*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*31.0*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*31.4*		µg/l		*30.0*		*105*	*70-130*		
Batch 8111077 - SW846 5030 Water MS										
Blank (8111077-BLK1)										
Prepared & Analyzed: 14-Nov-08										
Acetone	BRL		µg/l	20.0						
Benzene	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Styrene	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Surrogate: 4-Bromofluorobenzene	*30.9*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.9*		µg/l		*30.0*		*103*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111077 - SW846 5030 Water MS										
Blank (8111077-BLK1)										
Prepared & Analyzed: 14-Nov-08										
Surrogate: Dibromofluoromethane	*30.5*		µg/l		*30.0*		*102*	*70-130*		
LCS (8111077-BS1)										
Prepared & Analyzed: 14-Nov-08										
Acetone	19.6		µg/l		20.0		98	70-130		
Benzene	21.7		µg/l		20.0		108	70-130		
Bromodichloromethane	19.9		µg/l		20.0		99	35-155		
Bromoform	18.7		µg/l		20.0		94	45-169		
Bromomethane	10.7		µg/l		20.0		54	1-242		
2-Butanone (MEK)	18.7		µg/l		20.0		93	70-130		
Carbon tetrachloride	20.3		µg/l		20.0		102	70-140		
Chlorobenzene	21.8		µg/l		20.0		109	70-130		
Chloroethane	24.6		µg/l		20.0		123	14-230		
Chloroform	22.2		µg/l		20.0		111	51-138		
Chloromethane	19.5		µg/l		20.0		98	1-273		
Dibromochloromethane	20.1		µg/l		20.0		101	53-149		
1,2-Dichlorobenzene	22.0		µg/l		20.0		110	18-190		
1,3-Dichlorobenzene	21.7		µg/l		20.0		108	59-156		
1,4-Dichlorobenzene	21.3		µg/l		20.0		106	18-190		
1,1-Dichloroethane	21.9		µg/l		20.0		109	59-155		
1,2-Dichloroethane	21.6		µg/l		20.0		108	49-155		
1,1-Dichloroethene	21.1		µg/l		20.0		105	70-130		
cis-1,2-Dichloroethene	20.5		µg/l		20.0		103	70-130		
trans-1,2-Dichloroethene	22.4		µg/l		20.0		112	54-156		
1,2-Dichloropropane	21.5		µg/l		20.0		108	1-210		
cis-1,3-Dichloropropene	20.4		µg/l		20.0		102	1-227		
trans-1,3-Dichloropropene	20.0		µg/l		20.0		100	17-183		
Ethylbenzene	21.2		µg/l		20.0		106	37-162		
2-Hexanone (MBK)	20.0		µg/l		20.0		100	70-130		
Methyl tert-butyl ether	21.9		µg/l		20.0		110	70-130		
4-Methyl-2-pentanone (MIBK)	18.7		µg/l		20.0		94	70-130		
Methylene chloride	22.2		µg/l		20.0		111	1-221		
Styrene	20.6		µg/l		20.0		103	70-130		
1,1,2,2-Tetrachloroethane	20.9		µg/l		20.0		104	46-157		
Tetrachloroethene	21.0		µg/l		20.0		105	64-148		
Toluene	21.1		µg/l		20.0		106	70-130		
1,1,1-Trichloroethane	21.3		µg/l		20.0		107	52-162		
1,1,2-Trichloroethane	20.2		µg/l		20.0		101	52-150		
Trichloroethene	21.0		µg/l		20.0		105	71-157		
Trichlorofluoromethane (Freon 11)	23.3		µg/l		20.0		116	17-181		
Vinyl chloride	21.4		µg/l		20.0		107	1-251		
m,p-Xylene	42.5		µg/l		40.0		106	70-130		
o-Xylene	20.7		µg/l		20.0		103	70-130		
Surrogate: 4-Bromofluorobenzene	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.1*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*31.4*		µg/l		*30.0*		*105*	*70-130*		
LCS Dup (8111077-BSD1)										
Prepared & Analyzed: 14-Nov-08										
Acetone	23.2		µg/l		20.0		116	70-130	17	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111077 - SW846 5030 Water MS										
LCS Dup (8111077-BSD1)										
Prepared & Analyzed: 14-Nov-08										
Benzene	23.9		µg/l		20.0		119	70-130	10	30
Bromodichloromethane	21.8		µg/l		20.0		109	35-155	9	30
Bromoform	20.7		µg/l		20.0		103	45-169	10	30
Bromomethane	13.2		µg/l		20.0		66	1-242	21	30
2-Butanone (MEK)	23.9		µg/l		20.0		119	70-130	24	30
Carbon tetrachloride	21.6		µg/l		20.0		108	70-140	6	30
Chlorobenzene	23.3		µg/l		20.0		116	70-130	7	30
Chloroethane	25.1		µg/l		20.0		125	14-230	2	30
Chloroform	24.0		µg/l		20.0		120	51-138	8	30
Chloromethane	20.3		µg/l		20.0		102	1-273	4	30
Dibromochloromethane	22.1		µg/l		20.0		110	53-149	9	30
1,2-Dichlorobenzene	23.1		µg/l		20.0		115	18-190	5	30
1,3-Dichlorobenzene	23.0		µg/l		20.0		115	59-156	6	30
1,4-Dichlorobenzene	22.3		µg/l		20.0		112	18-190	5	30
1,1-Dichloroethane	23.2		µg/l		20.0		116	59-155	6	30
1,2-Dichloroethane	24.0		µg/l		20.0		120	49-155	11	30
1,1-Dichloroethene	22.8		µg/l		20.0		114	70-130	8	30
cis-1,2-Dichloroethene	22.5		µg/l		20.0		113	70-130	9	30
trans-1,2-Dichloroethene	24.3		µg/l		20.0		122	54-156	8	30
1,2-Dichloropropane	23.3		µg/l		20.0		117	1-210	8	30
cis-1,3-Dichloropropene	21.9		µg/l		20.0		109	1-227	7	30
trans-1,3-Dichloropropene	22.2		µg/l		20.0		111	17-183	11	30
Ethylbenzene	22.2		µg/l		20.0		111	37-162	5	30
2-Hexanone (MBK)	22.8		µg/l		20.0		114	70-130	13	30
Methyl tert-butyl ether	24.8		µg/l		20.0		124	70-130	12	30
4-Methyl-2-pentanone (MIBK)	22.3		µg/l		20.0		111	70-130	17	30
Methylene chloride	24.4		µg/l		20.0		122	1-221	9	30
Styrene	21.9		µg/l		20.0		109	70-130	6	30
1,1,2,2-Tetrachloroethane	23.2		µg/l		20.0		116	46-157	11	30
Tetrachloroethene	22.4		µg/l		20.0		112	64-148	6	30
Toluene	22.8		µg/l		20.0		114	70-130	8	30
1,1,1-Trichloroethane	22.7		µg/l		20.0		113	52-162	6	30
1,1,2-Trichloroethane	23.0		µg/l		20.0		115	52-150	13	30
Trichloroethene	22.8		µg/l		20.0		114	71-157	8	30
Trichlorofluoromethane (Freon 11)	24.1		µg/l		20.0		120	17-181	4	30
Vinyl chloride	22.6		µg/l		20.0		113	1-251	5	30
m,p-Xylene	45.4		µg/l		40.0		113	70-130	7	30
o-Xylene	22.2		µg/l		20.0		111	70-130	7	30
Surrogate: 4-Bromofluorobenzene	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*29.8*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.4*		µg/l		*30.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*31.7*		µg/l		*30.0*		*106*	*70-130*		
Matrix Spike (8111077-MS1)	**Source: SA87315-01**									
Prepared & Analyzed: 14-Nov-08										
Benzene	17.9		µg/l		20.0	BRL	89	70-130		
Bromodichloromethane	19.6		µg/l		20.0	BRL	98	35-155		
Bromoform	17.9		µg/l		20.0	BRL	89	45-169		
Bromomethane	7.3		µg/l		20.0	BRL	37	1-242		
Carbon tetrachloride	18.8		µg/l		20.0	BRL	94	70-140		
Chlorobenzene	20.5		µg/l		20.0	BRL	103	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111077 - SW846 5030 Water MS										
Matrix Spike (8111077-MS1)	**Source: SA87315-01**									
Prepared & Analyzed: 14-Nov-08										
Chloroethane	14.6		µg/l		20.0	BRL	73	14-230		
Chloroform	21.3		µg/l		20.0	BRL	106	51-138		
Chloromethane	9.6		µg/l		20.0	BRL	48	1-273		
Dibromochloromethane	19.5		µg/l		20.0	BRL	97	53-149		
1,2-Dichlorobenzene	21.3		µg/l		20.0	BRL	106	18-190		
1,3-Dichlorobenzene	22.0		µg/l		20.0	BRL	110	59-156		
1,4-Dichlorobenzene	20.8		µg/l		20.0	BRL	104	18-190		
1,1-Dichloroethane	20.1		µg/l		20.0	BRL	100	59-155		
1,2-Dichloroethane	18.8		µg/l		20.0	BRL	94	49-155		
1,1-Dichloroethene	15.3		µg/l		20.0	BRL	76	70-130		
trans-1,2-Dichloroethene	15.3		µg/l		20.0	BRL	77	54-156		
1,2-Dichloropropane	20.0		µg/l		20.0	BRL	100	1-210		
cis-1,3-Dichloropropene	18.6		µg/l		20.0	BRL	93	1-227		
trans-1,3-Dichloropropene	18.4		µg/l		20.0	BRL	92	17-183		
Ethylbenzene	19.7		µg/l		20.0	BRL	99	37-162		
Methylene chloride	17.8		µg/l		20.0	BRL	89	1-221		
1,1,2,2-Tetrachloroethane	20.3		µg/l		20.0	BRL	102	46-157		
Tetrachloroethene	18.1		µg/l		20.0	BRL	91	64-148		
Toluene	18.2		µg/l		20.0	BRL	91	70-130		
1,1,1-Trichloroethane	20.7		µg/l		20.0	BRL	104	52-162		
1,1,2-Trichloroethane	19.7		µg/l		20.0	BRL	98	52-150		
Trichloroethene	18.2		µg/l		20.0	BRL	91	71-157		
Trichlorofluoromethane (Freon 11)	18.2		µg/l		20.0	BRL	91	17-181		
Vinyl chloride	12.7		µg/l		20.0	BRL	63	1-251		
Surrogate: 4-Bromofluorobenzene	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*29.6*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.8*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*31.6*		µg/l		*30.0*		*105*	*70-130*		
Matrix Spike Dup (8111077-MSD1)	**Source: SA87315-01**									
Prepared & Analyzed: 14-Nov-08										
Benzene	18.6		µg/l		20.0	BRL	93	70-130	4	30
Bromodichloromethane	20.7		µg/l		20.0	BRL	104	35-155	6	30
Bromoform	19.6		µg/l		20.0	BRL	98	45-169	9	30
Bromomethane	7.1		µg/l		20.0	BRL	36	1-242	3	30
Carbon tetrachloride	19.1		µg/l		20.0	BRL	96	70-140	2	30
Chlorobenzene	21.0		µg/l		20.0	BRL	105	70-130	3	30
Chloroethane	14.5		µg/l		20.0	BRL	72	14-230	0.6	30
Chloroform	21.9		µg/l		20.0	BRL	110	51-138	3	30
Chloromethane	10.0		µg/l		20.0	BRL	50	1-273	4	30
Dibromochloromethane	20.4		µg/l		20.0	BRL	102	53-149	5	30
1,2-Dichlorobenzene	22.0		µg/l		20.0	BRL	110	18-190	3	30
1,3-Dichlorobenzene	22.8		µg/l		20.0	BRL	114	59-156	4	30
1,4-Dichlorobenzene	21.4		µg/l		20.0	BRL	107	18-190	3	30
1,1-Dichloroethane	21.0		µg/l		20.0	BRL	105	59-155	4	30
1,2-Dichloroethane	19.8		µg/l		20.0	BRL	99	49-155	5	30
1,1-Dichloroethene	15.6		µg/l		20.0	BRL	78	70-130	2	30
trans-1,2-Dichloroethene	15.9		µg/l		20.0	BRL	79	54-156	4	30
1,2-Dichloropropane	21.0		µg/l		20.0	BRL	105	1-210	5	30
cis-1,3-Dichloropropene	19.4		µg/l		20.0	BRL	97	1-227	4	30
trans-1,3-Dichloropropene	19.6		µg/l		20.0	BRL	98	17-183	6	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111077 - SW846 5030 Water MS										
Matrix Spike Dup (8111077-MSD1)	**Source: SA87315-01**									
Prepared & Analyzed: 14-Nov-08										
Ethylbenzene	20.3		µg/l		20.0	BRL	102	37-162	3	30
Methylene chloride	18.5		µg/l		20.0	BRL	92	1-221	4	30
1,1,2,2-Tetrachloroethane	21.4		µg/l		20.0	BRL	107	46-157	5	30
Tetrachloroethene	19.0		µg/l		20.0	BRL	95	64-148	4	30
Toluene	18.7		µg/l		20.0	BRL	93	70-130	2	30
1,1,1-Trichloroethane	21.5		µg/l		20.0	BRL	108	52-162	4	30
1,1,2-Trichloroethane	21.3		µg/l		20.0	BRL	106	52-150	8	30
Trichloroethene	18.4		µg/l		20.0	BRL	92	71-157	1	30
Trichlorofluoromethane (Freon 11)	18.5		µg/l		20.0	BRL	92	17-181	2	30
Vinyl chloride	12.5		µg/l		20.0	BRL	63	1-251	1	30
Surrogate: 4-Bromofluorobenzene	*30.4*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.5*		µg/l		*30.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*31.6*		µg/l		*30.0*		*105*	*70-130*		
Batch 8111194 - SW846 5030 Water MS										
Blank (8111194-BLK1)										
Prepared & Analyzed: 17-Nov-08										
Acetone	BRL		µg/l	20.0						
Benzene	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Styrene	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111194 - SW846 5030 Water MS										
Blank (8111194-BLK1)										
Prepared & Analyzed: 17-Nov-08										
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Surrogate: 4-Bromofluorobenzene	*25.9*		µg/l		*30.0*		*86*	*70-130*		
Surrogate: Toluene-d8	*29.6*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.2*		µg/l		*30.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*34.4*		µg/l		*30.0*		*115*	*70-130*		
LCS (8111194-BS1)										
Prepared & Analyzed: 17-Nov-08										
Acetone	18.5		µg/l		20.0		92	70-130		
Benzene	20.2		µg/l		20.0		101	70-130		
Bromodichloromethane	24.1		µg/l		20.0		121	35-155		
Bromoform	18.7		µg/l		20.0		93	45-169		
Bromomethane	19.8		µg/l		20.0		99	1-242		
2-Butanone (MEK)	20.0		µg/l		20.0		100	70-130		
Carbon tetrachloride	20.7		µg/l		20.0		103	70-140		
Chlorobenzene	20.3		µg/l		20.0		102	70-130		
Chloroethane	20.6		µg/l		20.0		103	14-230		
Chloroform	22.8		µg/l		20.0		114	51-138		
Chloromethane	18.6		µg/l		20.0		93	1-273		
Dibromochloromethane	20.0		µg/l		20.0		100	53-149		
1,2-Dichlorobenzene	18.8		µg/l		20.0		94	18-190		
1,3-Dichlorobenzene	22.0		µg/l		20.0		110	59-156		
1,4-Dichlorobenzene	18.9		µg/l		20.0		94	18-190		
1,1-Dichloroethane	20.4		µg/l		20.0		102	59-155		
1,2-Dichloroethane	20.4		µg/l		20.0		102	49-155		
1,1-Dichloroethene	17.5		µg/l		20.0		87	70-130		
cis-1,2-Dichloroethene	19.2		µg/l		20.0		96	70-130		
trans-1,2-Dichloroethene	19.6		µg/l		20.0		98	54-156		
1,2-Dichloropropane	20.7		µg/l		20.0		103	1-210		
cis-1,3-Dichloropropene	18.4		µg/l		20.0		92	1-227		
trans-1,3-Dichloropropene	19.0		µg/l		20.0		95	17-183		
Ethylbenzene	20.1		µg/l		20.0		100	37-162		
2-Hexanone (MBK)	14.5		µg/l		20.0		73	70-130		
Methyl tert-butyl ether	21.2		µg/l		20.0		106	70-130		
4-Methyl-2-pentanone (MIBK)	19.4		µg/l		20.0		97	70-130		
Methylene chloride	21.6		µg/l		20.0		108	1-221		
Styrene	18.3		µg/l		20.0		92	70-130		
1,1,2,2-Tetrachloroethane	21.3		µg/l		20.0		106	46-157		
Tetrachloroethene	16.8		µg/l		20.0		84	64-148		
Toluene	19.8		µg/l		20.0		99	70-130		
1,1,1-Trichloroethane	18.7		µg/l		20.0		94	52-162		
1,1,2-Trichloroethane	21.4		µg/l		20.0		107	52-150		
Trichloroethene	19.6		µg/l		20.0		98	71-157		
Trichlorofluoromethane (Freon 11)	17.0		µg/l		20.0		85	17-181		
Vinyl chloride	19.7		µg/l		20.0		99	1-251		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111194 - SW846 5030 Water MS										
LCS (8111194-BS1)										
Prepared & Analyzed: 17-Nov-08										
m,p-Xylene	41.8		µg/l		40.0		105	70-130		
o-Xylene	21.1		µg/l		20.0		105	70-130		
Surrogate: 4-Bromofluorobenzene	*31.9*		µg/l		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.8*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*31.8*		µg/l		*30.0*		*106*	*70-130*		
LCS Dup (8111194-BSD1)										
Prepared & Analyzed: 17-Nov-08										
Acetone	19.0		µg/l		20.0		95	70-130	3	30
Benzene	22.1		µg/l		20.0		111	70-130	9	30
Bromodichloromethane	26.3		µg/l		20.0		131	35-155	9	30
Bromoform	19.2		µg/l		20.0		96	45-169	3	30
Bromomethane	24.0		µg/l		20.0		120	1-242	19	30
2-Butanone (MEK)	19.7		µg/l		20.0		98	70-130	2	30
Carbon tetrachloride	25.3		µg/l		20.0		127	70-140	20	30
Chlorobenzene	22.4		µg/l		20.0		112	70-130	10	30
Chloroethane	23.7		µg/l		20.0		119	14-230	14	30
Chloroform	25.1		µg/l		20.0		126	51-138	10	30
Chloromethane	21.0		µg/l		20.0		105	1-273	12	30
Dibromochloromethane	21.0		µg/l		20.0		105	53-149	5	30
1,2-Dichlorobenzene	20.8		µg/l		20.0		104	18-190	10	30
1,3-Dichlorobenzene	24.3		µg/l		20.0		121	59-156	10	30
1,4-Dichlorobenzene	21.1		µg/l		20.0		105	18-190	11	30
1,1-Dichloroethane	22.6		µg/l		20.0		113	59-155	10	30
1,2-Dichloroethane	21.7		µg/l		20.0		109	49-155	6	30
1,1-Dichloroethene	20.4		µg/l		20.0		102	70-130	15	30
cis-1,2-Dichloroethene	21.1		µg/l		20.0		106	70-130	9	30
trans-1,2-Dichloroethene	22.2		µg/l		20.0		111	54-156	12	30
1,2-Dichloropropane	22.1		µg/l		20.0		110	1-210	7	30
cis-1,3-Dichloropropene	19.1		µg/l		20.0		95	1-227	4	30
trans-1,3-Dichloropropene	19.1		µg/l		20.0		96	17-183	0.8	30
Ethylbenzene	23.0		µg/l		20.0		115	37-162	13	30
2-Hexanone (MBK)	13.6	QC1	µg/l		20.0		68	70-130	6	30
Methyl tert-butyl ether	21.1		µg/l		20.0		106	70-130	0.5	30
4-Methyl-2-pentanone (MIBK)	18.0		µg/l		20.0		90	70-130	8	30
Methylene chloride	23.9		µg/l		20.0		119	1-221	10	30
Styrene	19.5		µg/l		20.0		97	70-130	6	30
1,1,2,2-Tetrachloroethane	22.0		µg/l		20.0		110	46-157	3	30
Tetrachloroethene	19.9		µg/l		20.0		100	64-148	17	30
Toluene	22.1		µg/l		20.0		111	70-130	11	30
1,1,1-Trichloroethane	21.7		µg/l		20.0		108	52-162	15	30
1,1,2-Trichloroethane	21.8		µg/l		20.0		109	52-150	2	30
Trichloroethene	22.0		µg/l		20.0		110	71-157	12	30
Trichlorofluoromethane (Freon 11)	21.7		µg/l		20.0		108	17-181	24	30
Vinyl chloride	29.3	QC1	µg/l		20.0		147	1-251	39	30
m,p-Xylene	47.7		µg/l		40.0		119	70-130	13	30
o-Xylene	23.9		µg/l		20.0		119	70-130	12	30
Surrogate: 4-Bromofluorobenzene	*32.4*		µg/l		*30.0*		*108*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.4*		µg/l		*30.0*		*101*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111194 - SW846 5030 Water MS										
LCS Dup (8111194-BSD1)										
Prepared & Analyzed: 17-Nov-08										
Surrogate: Dibromofluoromethane	*32.1*		µg/l		*30.0*		*107*	*70-130*		
Matrix Spike (8111194-MS1)	**Source: SA87191-03**									
Prepared & Analyzed: 17-Nov-08										
Benzene	12.8	QM7	µg/l		20.0	BRL	64	70-130		
Bromodichloromethane	24.2		µg/l		20.0	BRL	121	35-155		
Bromoform	19.6		µg/l		20.0	BRL	98	45-169		
Bromomethane	6.1		µg/l		20.0	BRL	30	1-242		
Carbon tetrachloride	17.9		µg/l		20.0	BRL	89	70-140		
Chlorobenzene	18.4		µg/l		20.0	BRL	92	70-130		
Chloroethane	8.6		µg/l		20.0	BRL	43	14-230		
Chloroform	21.9		µg/l		20.0	BRL	109	51-138		
Chloromethane	4.4		µg/l		20.0	BRL	22	1-273		
Dibromochloromethane	20.3		µg/l		20.0	BRL	101	53-149		
1,2-Dichlorobenzene	21.9		µg/l		20.0	BRL	109	18-190		
1,3-Dichlorobenzene	24.4		µg/l		20.0	BRL	122	59-156		
1,4-Dichlorobenzene	19.8		µg/l		20.0	BRL	99	18-190		
1,1-Dichloroethane	17.6		µg/l		20.0	BRL	88	59-155		
1,2-Dichloroethane	18.4		µg/l		20.0	BRL	92	49-155		
1,1-Dichloroethene	9.2	QM7	µg/l		20.0	BRL	46	70-130		
trans-1,2-Dichloroethene	9.2	QM7	µg/l		20.0	BRL	46	54-156		
1,2-Dichloropropane	18.0		µg/l		20.0	BRL	90	1-210		
cis-1,3-Dichloropropene	15.2		µg/l		20.0	BRL	76	1-227		
trans-1,3-Dichloropropene	16.9		µg/l		20.0	BRL	84	17-183		
Ethylbenzene	17.1		µg/l		20.0	BRL	86	37-162		
Methylene chloride	14.4		µg/l		20.0	BRL	72	1-221		
1,1,2,2-Tetrachloroethane	23.7		µg/l		20.0	BRL	118	46-157		
Tetrachloroethene	12.6	QM7	µg/l		20.0	BRL	63	64-148		
Toluene	15.3		µg/l		20.0	BRL	76	70-130		
1,1,1-Trichloroethane	20.2		µg/l		20.0	1.3	95	52-162		
1,1,2-Trichloroethane	22.3		µg/l		20.0	BRL	111	52-150		
Trichloroethene	14.1	QM7	µg/l		20.0	BRL	70	71-157		
Trichlorofluoromethane (Freon 11)	12.4		µg/l		20.0	BRL	62	17-181		
Vinyl chloride	5.9		µg/l		20.0	BRL	29	1-251		
Surrogate: 4-Bromofluorobenzene	*33.5*		µg/l		*30.0*		*112*	*70-130*		
Surrogate: Toluene-d8	*31.0*		µg/l		*30.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*34.5*		µg/l		*30.0*		*115*	*70-130*		
Surrogate: Dibromofluoromethane	*33.6*		µg/l		*30.0*		*112*	*70-130*		
Matrix Spike Dup (8111194-MSD1)	**Source: SA87191-03**									
Prepared & Analyzed: 17-Nov-08										
Benzene	12.1	QM7	µg/l		20.0	BRL	61	70-130	6	30
Bromodichloromethane	21.7		µg/l		20.0	BRL	109	35-155	11	30
Bromoform	17.6		µg/l		20.0	BRL	88	45-169	11	30
Bromomethane	6.3		µg/l		20.0	BRL	31	1-242	3	30
Carbon tetrachloride	15.6		µg/l		20.0	BRL	78	70-140	14	30
Chlorobenzene	17.1		µg/l		20.0	BRL	85	70-130	7	30
Chloroethane	8.1		µg/l		20.0	BRL	41	14-230	6	30
Chloroform	19.8		µg/l		20.0	BRL	99	51-138	10	30
Chloromethane	4.1		µg/l		20.0	BRL	21	1-273	7	30
Dibromochloromethane	18.4		µg/l		20.0	BRL	92	53-149	10	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111194 - SW846 5030 Water MS										
Matrix Spike Dup (8111194-MSD1)	**Source: SA87191-03**									
Prepared & Analyzed: 17-Nov-08										
1,2-Dichlorobenzene	20.2		µg/l		20.0	BRL	101	18-190	8	30
1,3-Dichlorobenzene	22.1		µg/l		20.0	BRL	111	59-156	10	30
1,4-Dichlorobenzene	18.6		µg/l		20.0	BRL	93	18-190	6	30
1,1-Dichloroethane	16.2		µg/l		20.0	BRL	81	59-155	9	30
1,2-Dichloroethane	16.5		µg/l		20.0	BRL	82	49-155	11	30
1,1-Dichloroethene	8.4	QM7	µg/l		20.0	BRL	42	70-130	8	30
trans-1,2-Dichloroethene	8.7	QM7	µg/l		20.0	BRL	44	54-156	5	30
1,2-Dichloropropane	16.9		µg/l		20.0	BRL	84	1-210	7	30
cis-1,3-Dichloropropene	14.3		µg/l		20.0	BRL	72	1-227	6	30
trans-1,3-Dichloropropene	15.5		µg/l		20.0	BRL	77	17-183	9	30
Ethylbenzene	15.9		µg/l		20.0	BRL	80	37-162	7	30
Methylene chloride	13.1		µg/l		20.0	BRL	65	1-221	10	30
1,1,2,2-Tetrachloroethane	21.8		µg/l		20.0	BRL	109	46-157	8	30
Tetrachloroethene	11.8	QM7	µg/l		20.0	BRL	59	64-148	7	30
Toluene	13.9	QC1	µg/l		20.0	BRL	69	70-130	10	30
1,1,1-Trichloroethane	18.1		µg/l		20.0	1.3	84	52-162	12	30
1,1,2-Trichloroethane	20.2		µg/l		20.0	BRL	101	52-150	10	30
Trichloroethene	13.2	QM7	µg/l		20.0	BRL	66	71-157	6	30
Trichlorofluoromethane (Freon 11)	11.0		µg/l		20.0	BRL	55	17-181	12	30
Vinyl chloride	5.2		µg/l		20.0	BRL	26	1-251	13	30
Surrogate: 4-Bromofluorobenzene	*32.2*		µg/l		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*30.2*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*32.8*		µg/l		*30.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*32.8*		µg/l		*30.0*		*109*	*70-130*		
Batch 8111291 - SW846 5030 Water MS										
Blank (8111291-BLK1)										
Prepared & Analyzed: 18-Nov-08										
Acetone	BRL		µg/l	20.0						
Benzene	BRL		µg/l	1.0						
Bromodichloromethane	BRL		µg/l	1.0						
Bromoform	BRL		µg/l	1.0						
Bromomethane	BRL		µg/l	2.0						
2-Butanone (MEK)	BRL		µg/l	10.0						
Carbon tetrachloride	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
Chloroethane	BRL		µg/l	2.0						
Chloroform	BRL		µg/l	1.0						
Chloromethane	BRL		µg/l	2.0						
Dibromochloromethane	BRL		µg/l	1.0						
1,2-Dichlorobenzene	BRL		µg/l	1.0						
1,3-Dichlorobenzene	BRL		µg/l	1.0						
1,4-Dichlorobenzene	BRL		µg/l	1.0						
1,1-Dichloroethane	BRL		µg/l	1.0						
1,2-Dichloroethane	BRL		µg/l	1.0						
1,1-Dichloroethene	BRL		µg/l	1.0						
cis-1,2-Dichloroethene	BRL		µg/l	1.0						
trans-1,2-Dichloroethene	BRL		µg/l	1.0						
1,2-Dichloropropane	BRL		µg/l	1.0						
cis-1,3-Dichloropropene	BRL		µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111291 - SW846 5030 Water MS										
Blank (8111291-BLK1)										
Prepared & Analyzed: 18-Nov-08										
trans-1,3-Dichloropropene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	10.0						
Styrene	BRL		µg/l	1.0						
1,1,2,2-Tetrachloroethane	BRL		µg/l	1.0						
Tetrachloroethene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,1,1-Trichloroethane	BRL		µg/l	1.0						
1,1,2-Trichloroethane	BRL		µg/l	1.0						
Trichloroethene	BRL		µg/l	1.0						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0						
Vinyl chloride	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/l		*30.0*		*84*	*70-130*		
Surrogate: Toluene-d8	*29.7*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.8*		µg/l		*30.0*		*113*	*70-130*		
Surrogate: Dibromofluoromethane	*36.4*		µg/l		*30.0*		*121*	*70-130*		
LCS (8111291-BS1)										
Prepared & Analyzed: 18-Nov-08										
Acetone	20.6		µg/l		20.0		103	70-130		
Benzene	20.6		µg/l		20.0		103	70-130		
Bromodichloromethane	24.1		µg/l		20.0		121	35-155		
Bromoform	18.3		µg/l		20.0		92	45-169		
Bromomethane	23.3		µg/l		20.0		116	1-242		
2-Butanone (MEK)	19.0		µg/l		20.0		95	70-130		
Carbon tetrachloride	22.8		µg/l		20.0		114	70-140		
Chlorobenzene	20.8		µg/l		20.0		104	70-130		
Chloroethane	22.1		µg/l		20.0		110	14-230		
Chloroform	23.2		µg/l		20.0		116	51-138		
Chloromethane	19.7		µg/l		20.0		99	1-273		
Dibromochloromethane	19.7		µg/l		20.0		98	53-149		
1,2-Dichlorobenzene	19.2		µg/l		20.0		96	18-190		
1,3-Dichlorobenzene	22.7		µg/l		20.0		113	59-156		
1,4-Dichlorobenzene	19.3		µg/l		20.0		96	18-190		
1,1-Dichloroethane	21.0		µg/l		20.0		105	59-155		
1,2-Dichloroethane	20.6		µg/l		20.0		103	49-155		
1,1-Dichloroethene	19.1		µg/l		20.0		96	70-130		
cis-1,2-Dichloroethene	19.7		µg/l		20.0		99	70-130		
trans-1,2-Dichloroethene	20.7		µg/l		20.0		103	54-156		
1,2-Dichloropropane	20.8		µg/l		20.0		104	1-210		
cis-1,3-Dichloropropene	17.8		µg/l		20.0		89	1-227		
trans-1,3-Dichloropropene	17.9		µg/l		20.0		89	17-183		
Ethylbenzene	21.1		µg/l		20.0		106	37-162		
2-Hexanone (MBK)	14.0		µg/l		20.0		70	70-130		
Methyl tert-butyl ether	21.0		µg/l		20.0		105	70-130		
4-Methyl-2-pentanone (MIBK)	18.0		µg/l		20.0		90	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111291 - SW846 5030 Water MS										
LCS (8111291-BS1)										
Prepared & Analyzed: 18-Nov-08										
Methylene chloride	22.5		µg/l		20.0		113	1-221		
Styrene	18.0		µg/l		20.0		90	70-130		
1,1,2,2-Tetrachloroethane	21.1		µg/l		20.0		106	46-157		
Tetrachloroethene	18.1		µg/l		20.0		90	64-148		
Toluene	20.4		µg/l		20.0		102	70-130		
1,1,1-Trichloroethane	19.9		µg/l		20.0		100	52-162		
1,1,2-Trichloroethane	21.0		µg/l		20.0		105	52-150		
Trichloroethene	20.1		µg/l		20.0		101	71-157		
Trichlorofluoromethane (Freon 11)	19.6		µg/l		20.0		98	17-181		
Vinyl chloride	23.2		µg/l		20.0		116	1-251		
m,p-Xylene	43.9		µg/l		40.0		110	70-130		
o-Xylene	22.1		µg/l		20.0		111	70-130		
Surrogate: 4-Bromofluorobenzene	*32.0*		µg/l		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*30.3*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.3*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*32.1*		µg/l		*30.0*		*107*	*70-130*		
LCS Dup (8111291-BSD1)										
Prepared & Analyzed: 18-Nov-08										
Acetone	21.4		µg/l		20.0		107	70-130	4	30
Benzene	20.1		µg/l		20.0		100	70-130	3	30
Bromodichloromethane	23.8		µg/l		20.0		119	35-155	1	30
Bromoform	18.8		µg/l		20.0		94	45-169	2	30
Bromomethane	22.6		µg/l		20.0		113	1-242	3	30
2-Butanone (MEK)	20.9		µg/l		20.0		104	70-130	10	30
Carbon tetrachloride	21.8		µg/l		20.0		109	70-140	4	30
Chlorobenzene	20.5		µg/l		20.0		103	70-130	1	30
Chloroethane	21.0		µg/l		20.0		105	14-230	5	30
Chloroform	23.3		µg/l		20.0		117	51-138	0.6	30
Chloromethane	18.6		µg/l		20.0		93	1-273	6	30
Dibromochloromethane	19.6		µg/l		20.0		98	53-149	0.1	30
1,2-Dichlorobenzene	19.6		µg/l		20.0		98	18-190	2	30
1,3-Dichlorobenzene	22.9		µg/l		20.0		114	59-156	0.7	30
1,4-Dichlorobenzene	20.0		µg/l		20.0		100	18-190	4	30
1,1-Dichloroethane	20.6		µg/l		20.0		103	59-155	2	30
1,2-Dichloroethane	21.0		µg/l		20.0		105	49-155	2	30
1,1-Dichloroethene	18.3		µg/l		20.0		92	70-130	4	30
cis-1,2-Dichloroethene	19.3		µg/l		20.0		96	70-130	2	30
trans-1,2-Dichloroethene	19.9		µg/l		20.0		99	54-156	4	30
1,2-Dichloropropane	20.4		µg/l		20.0		102	1-210	2	30
cis-1,3-Dichloropropene	17.7		µg/l		20.0		88	1-227	0.4	30
trans-1,3-Dichloropropene	18.0		µg/l		20.0		90	17-183	0.8	30
Ethylbenzene	20.1		µg/l		20.0		100	37-162	5	30
2-Hexanone (MBK)	15.4		µg/l		20.0		77	70-130	9	30
Methyl tert-butyl ether	21.6		µg/l		20.0		108	70-130	3	30
4-Methyl-2-pentanone (MIBK)	19.2		µg/l		20.0		96	70-130	7	30
Methylene chloride	22.3		µg/l		20.0		111	1-221	1	30
Styrene	17.6		µg/l		20.0		88	70-130	2	30
1,1,2,2-Tetrachloroethane	22.2		µg/l		20.0		111	46-157	5	30
Tetrachloroethene	17.8		µg/l		20.0		89	64-148	2	30
Toluene	20.0		µg/l		20.0		100	70-130	2	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111291 - SW846 5030 Water MS										
LCS Dup (8111291-BSD1)										
Prepared & Analyzed: 18-Nov-08										
1,1,1-Trichloroethane	19.3		µg/l		20.0		97	52-162	3	30
1,1,2-Trichloroethane	21.9		µg/l		20.0		109	52-150	4	30
Trichloroethene	19.8		µg/l		20.0		99	71-157	2	30
Trichlorofluoromethane (Freon 11)	19.2		µg/l		20.0		96	17-181	2	30
Vinyl chloride	22.6		µg/l		20.0		113	1-251	3	30
m,p-Xylene	42.8		µg/l		40.0		107	70-130	3	30
o-Xylene	22.0		µg/l		20.0		110	70-130	0.7	30
Surrogate: 4-Bromofluorobenzene	*32.0*		µg/l		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*30.0*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.1*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*32.0*		µg/l		*30.0*		*107*	*70-130*		
Matrix Spike (8111291-MS1)	**Source: SA87501-01**									
Prepared & Analyzed: 18-Nov-08										
Benzene	23.0		µg/l		20.0	BRL	115	70-130		
Bromodichloromethane	29.2		µg/l		20.0	BRL	146	35-155		
Bromoform	22.7		µg/l		20.0	BRL	113	45-169		
Bromomethane	24.8		µg/l		20.0	BRL	124	1-242		
Carbon tetrachloride	28.8	QM7	µg/l		20.0	BRL	144	70-140		
Chlorobenzene	23.8		µg/l		20.0	BRL	119	70-130		
Chloroethane	25.0		µg/l		20.0	BRL	125	14-230		
Chloroform	27.4		µg/l		20.0	BRL	137	51-138		
Chloromethane	20.8		µg/l		20.0	BRL	104	1-273		
Dibromochloromethane	23.8		µg/l		20.0	BRL	119	53-149		
1,2-Dichlorobenzene	21.4		µg/l		20.0	BRL	107	18-190		
1,3-Dichlorobenzene	28.0		µg/l		20.0	BRL	140	59-156		
1,4-Dichlorobenzene	21.9		µg/l		20.0	BRL	109	18-190		
1,1-Dichloroethane	24.1		µg/l		20.0	BRL	121	59-155		
1,2-Dichloroethane	25.8		µg/l		20.0	BRL	129	49-155		
1,1-Dichloroethene	21.9		µg/l		20.0	BRL	110	70-130		
trans-1,2-Dichloroethene	23.8		µg/l		20.0	BRL	119	54-156		
1,2-Dichloropropane	23.4		µg/l		20.0	BRL	117	1-210		
cis-1,3-Dichloropropene	19.3		µg/l		20.0	BRL	97	1-227		
trans-1,3-Dichloropropene	20.6		µg/l		20.0	BRL	103	17-183		
Ethylbenzene	23.8		µg/l		20.0	BRL	119	37-162		
Methylene chloride	25.8		µg/l		20.0	BRL	129	1-221		
1,1,2,2-Tetrachloroethane	30.4		µg/l		20.0	BRL	152	46-157		
Tetrachloroethene	22.8		µg/l		20.0	BRL	114	64-148		
Toluene	24.3		µg/l		20.0	BRL	122	70-130		
1,1,1-Trichloroethane	24.2		µg/l		20.0	BRL	121	52-162		
1,1,2-Trichloroethane	26.7		µg/l		20.0	BRL	134	52-150		
Trichloroethene	23.9		µg/l		20.0	BRL	120	71-157		
Trichlorofluoromethane (Freon 11)	24.6		µg/l		20.0	BRL	123	17-181		
Vinyl chloride	19.4		µg/l		20.0	BRL	97	1-251		
Surrogate: 4-Bromofluorobenzene	*34.6*		µg/l		*30.0*		*115*	*70-130*		
Surrogate: Toluene-d8	*31.1*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*37.6*		µg/l		*30.0*		*125*	*70-130*		
Surrogate: Dibromofluoromethane	*35.0*		µg/l		*30.0*		*117*	*70-130*		
Matrix Spike Dup (8111291-MSD1)	**Source: SA87501-01**									
Prepared & Analyzed: 18-Nov-08										
Benzene	26.5	QC1	µg/l		20.0	BRL	132	70-130	14	30

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111291 - SW846 5030 Water MS										
Matrix Spike Dup (8111291-MSD1)	**Source: SA87501-01**									
Prepared & Analyzed: 18-Nov-08										
Bromodichloromethane	40.1	QC1	µg/l		20.0	BRL	201	35-155	32	30
Bromoform	35.2	QC1	µg/l		20.0	BRL	176	45-169	43	30
Bromomethane	24.8		µg/l		20.0	BRL	124	1-242	0.2	30
Carbon tetrachloride	31.1	QM7	µg/l		20.0	BRL	156	70-140	8	30
Chlorobenzene	34.5	QC1	µg/l		20.0	BRL	172	70-130	37	30
Chloroethane	24.4		µg/l		20.0	BRL	122	14-230	3	30
Chloroform	31.7	QC1	µg/l		20.0	BRL	158	51-138	15	30
Chloromethane	20.6		µg/l		20.0	BRL	103	1-273	0.9	30
Dibromochloromethane	35.7	QC1	µg/l		20.0	BRL	179	53-149	40	30
1,2-Dichlorobenzene	36.5	QC1	µg/l		20.0	BRL	182	18-190	52	30
1,3-Dichlorobenzene	41.8	QC1	µg/l		20.0	BRL	209	59-156	40	30
1,4-Dichlorobenzene	35.2	QC1	µg/l		20.0	BRL	176	18-190	47	30
1,1-Dichloroethane	25.4		µg/l		20.0	BRL	127	59-155	5	30
1,2-Dichloroethane	30.3		µg/l		20.0	BRL	152	49-155	16	30
1,1-Dichloroethene	21.8		µg/l		20.0	BRL	109	70-130	0.7	30
trans-1,2-Dichloroethene	23.9		µg/l		20.0	BRL	120	54-156	0.6	30
1,2-Dichloropropane	30.2		µg/l		20.0	BRL	151	1-210	25	30
cis-1,3-Dichloropropene	28.3	QC1	µg/l		20.0	BRL	141	1-227	38	30
trans-1,3-Dichloropropene	32.1	QC1	µg/l		20.0	BRL	161	17-183	43	30
Ethylbenzene	37.0	QC1	µg/l		20.0	BRL	185	37-162	43	30
Methylene chloride	26.3		µg/l		20.0	BRL	131	1-221	2	30
1,1,2,2-Tetrachloroethane	45.6	QC1	µg/l		20.0	BRL	228	46-157	40	30
Tetrachloroethene	29.1		µg/l		20.0	BRL	146	64-148	24	30
Toluene	31.4	QC1	µg/l		20.0	BRL	157	70-130	25	30
1,1,1-Trichloroethane	28.8		µg/l		20.0	BRL	144	52-162	18	30
1,1,2-Trichloroethane	38.9	QC1	µg/l		20.0	BRL	195	52-150	37	30
Trichloroethene	28.8		µg/l		20.0	BRL	144	71-157	18	30
Trichlorofluoromethane (Freon 11)	23.0		µg/l		20.0	BRL	115	17-181	7	30
Vinyl chloride	17.8		µg/l		20.0	BRL	89	1-251	9	30
Surrogate: 4-Bromofluorobenzene	*33.2*		µg/l		*30.0*		*111*	*70-130*		
Surrogate: Toluene-d8	*30.7*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*33.3*		µg/l		*30.0*		*111*	*70-130*		
Surrogate: Dibromofluoromethane	*32.0*		µg/l		*30.0*		*107*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111042 - SW846 3005A										
Blank (8111042-BLK1)										
Prepared & Analyzed: 21-Nov-08										
Thallium	BRL		µg/l	5.00						
Zinc	BRL		µg/l	7.50						
Antimony	BRL		µg/l	6.00						
Lead	BRL		µg/l	7.50						
Nickel	BRL		µg/l	5.00						
Selenium	BRL		µg/l	15.0						
Beryllium	BRL		µg/l	2.00						
Cadmium	BRL		µg/l	2.50						
Chromium	BRL		µg/l	5.00						
Arsenic	BRL		µg/l	4.00						
Vanadium	BRL		µg/l	5.00						
Silver	BRL		µg/l	5.00						
Barium	BRL		µg/l	5.00						
LCS (8111042-BS1)										
Prepared & Analyzed: 21-Nov-08										
Zinc	1320		µg/l	7.50	1250		105	85-115		
Nickel	1250		µg/l	5.00	1250		100	85-115		
Lead	1260		µg/l	7.50	1250		100	85-115		
Thallium	1210		µg/l	5.00	1250		97	85-115		
Selenium	1230		µg/l	15.0	1250		99	85-115		
Antimony	1310		µg/l	6.00	1250		105	85-115		
Barium	1230		µg/l	5.00	1250		99	85-115		
Cadmium	1330		µg/l	2.50	1250		106	85-115		
Chromium	1250		µg/l	5.00	1250		100	85-115		
Arsenic	1240		µg/l	4.00	1250		99	85-115		
Beryllium	1230		µg/l	2.00	1250		99	85-115		
Vanadium	1220		µg/l	5.00	1250		98	85-115		
Silver	1250		µg/l	5.00	1250		100	85-115		
LCS Dup (8111042-BSD1)										
Prepared & Analyzed: 21-Nov-08										
Lead	1200		µg/l	7.50	1250		96	85-115	4	20
Thallium	1170		µg/l	5.00	1250		94	85-115	3	20
Antimony	1270		µg/l	6.00	1250		102	85-115	3	20
Selenium	1200		µg/l	15.0	1250		96	85-115	3	20
Nickel	1220		µg/l	5.00	1250		97	85-115	3	20
Zinc	1280		µg/l	7.50	1250		102	85-115	3	20
Barium	1200		µg/l	5.00	1250		96	85-115	3	20
Silver	1210		µg/l	5.00	1250		97	85-115	3	20
Chromium	1210		µg/l	5.00	1250		97	85-115	3	20
Vanadium	1180		µg/l	5.00	1250		95	85-115	4	20
Beryllium	1190		µg/l	2.00	1250		95	85-115	3	20
Cadmium	1290		µg/l	2.50	1250		103	85-115	3	20
Arsenic	1200		µg/l	4.00	1250		96	85-115	3	20
Duplicate (8111042-DUP1)	**Source: SA87401-01**									
Prepared & Analyzed: 21-Nov-08										
Thallium	3.80	J	µg/l	5.00		BRL				20
Zinc	22.6		µg/l	7.50		23.7			5	20
Selenium	BRL		µg/l	15.0		BRL				20

Soluble Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111042 - SW846 3005A										
Duplicate (8111042-DUP1)	**Source: SA87401-01**									
Prepared & Analyzed: 21-Nov-08										
Antimony	BRL		µg/l	6.00		BRL				20
Nickel	BRL		µg/l	5.00		BRL				20
Lead	12.6	QR8	µg/l	7.50		6.00			71	20
Barium	8.20		µg/l	5.00		7.90			3	20
Silver	BRL		µg/l	5.00		BRL				20
Beryllium	BRL		µg/l	2.00		BRL				20
Chromium	BRL		µg/l	5.00		BRL				20
Arsenic	BRL		µg/l	4.00		BRL				20
Cadmium	0.500	J	µg/l	2.50		BRL				20
Vanadium	BRL		µg/l	5.00		BRL				20
Matrix Spike (8111042-MS1)	**Source: SA87401-02**									
Prepared & Analyzed: 21-Nov-08										
Antimony	1300		µg/l	6.00	1250	BRL	104	75-125		
Zinc	1310		µg/l	7.50	1250	16.9	103	75-125		
Thallium	1190		µg/l	5.00	1250	BRL	95	75-125		
Selenium	1220		µg/l	15.0	1250	BRL	97	75-125		
Lead	1230		µg/l	7.50	1250	5.35	98	75-125		
Nickel	1230		µg/l	5.00	1250	4.50	98	75-125		
Beryllium	1210		µg/l	2.00	1250	BRL	97	75-125		
Chromium	1220		µg/l	5.00	1250	BRL	97	75-125		
Vanadium	1200		µg/l	5.00	1250	BRL	96	70-130		
Silver	1230		µg/l	5.00	1250	BRL	98	75-125		
Arsenic	1210		µg/l	4.00	1250	BRL	97	75-125		
Barium	1260		µg/l	5.00	1250	69.4	95	75-125		
Cadmium	1300		µg/l	2.50	1250	BRL	104	75-125		
Matrix Spike Dup (8111042-MSD1)	**Source: SA87401-02**									
Prepared & Analyzed: 21-Nov-08										
Nickel	1230		µg/l	5.00	1250	4.50	98	75-125	0.3	20
Zinc	1310		µg/l	7.50	1250	16.9	103	75-125	0.3	20
Thallium	1180		µg/l	5.00	1250	BRL	95	75-125	0.5	20
Selenium	1220		µg/l	15.0	1250	BRL	97	75-125	0.04	20
Lead	1220		µg/l	7.50	1250	5.35	97	75-125	0.6	20
Antimony	1290		µg/l	6.00	1250	BRL	103	75-125	0.4	20
Arsenic	1210		µg/l	4.00	1250	BRL	97	75-125	0	20
Silver	1230		µg/l	5.00	1250	BRL	98	75-125	0	20
Cadmium	1300		µg/l	2.50	1250	BRL	104	75-125	0.5	20
Barium	1260		µg/l	5.00	1250	69.4	95	75-125	0.04	20
Chromium	1220		µg/l	5.00	1250	BRL	98	75-125	0.6	20
Vanadium	1200		µg/l	5.00	1250	BRL	96	70-130	0.5	20
Beryllium	1200		µg/l	2.00	1250	BRL	96	75-125	0.8	20
Post Spike (8111042-PS1)	**Source: SA87401-02**									
Prepared & Analyzed: 21-Nov-08										
Thallium	1250		µg/l	5.00	1250	BRL	100	80-120		
Nickel	1270		µg/l	5.00	1250	4.50	101	80-120		
Lead	1280		µg/l	7.50	1250	5.35	102	80-120		
Zinc	1350		µg/l	7.50	1250	16.9	107	80-120		
Antimony	1320		µg/l	6.00	1250	BRL	106	80-120		
Selenium	1260		µg/l	15.0	1250	BRL	101	80-120		

Soluble Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111042 - SW846 3005A										
Post Spike (8111042-PS1)	**Source: SA87401-02**									
Prepared & Analyzed: 21-Nov-08										
Barium	1320		µg/l	5.00	1250	69.4	100	80-120		
Chromium	1260		µg/l	5.00	1250	BRL	101	80-120		
Cadmium	1350		µg/l	2.50	1250	BRL	108	80-120		
Arsenic	1250		µg/l	4.00	1250	BRL	100	80-120		
Beryllium	1260		µg/l	2.00	1250	BRL	100	80-120		
Vanadium	1240		µg/l	5.00	1250	BRL	99	80-120		
Silver	1270		µg/l	5.00	1250	BRL	102	80-120		

Soluble Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 8111043 - EPA200/SW7000 Series										
Blank (8111043-BLK1)										
Prepared: 21-Nov-08 Analyzed: 24-Nov-08										
Mercury	BRL		µg/l	0.200						
LCS (8111043-BS1)										
Prepared: 21-Nov-08 Analyzed: 24-Nov-08										
Mercury	4.48		µg/l	0.200	5.00		90	85-115		
Duplicate (8111043-DUP1)	**Source: SA87371-01**									
Prepared: 21-Nov-08 Analyzed: 24-Nov-08										
Mercury	BRL		µg/l	0.200		BRL				20
Matrix Spike (8111043-MS1)	**Source: SA87371-02**									
Prepared: 21-Nov-08 Analyzed: 24-Nov-08										
Mercury	4.99		µg/l	0.200	5.00	BRL	100	75-125		
Matrix Spike Dup (8111043-MSD1)	**Source: SA87371-02**									
Prepared: 21-Nov-08 Analyzed: 24-Nov-08										
Mercury	4.61		µg/l	0.200	5.00	BRL	92	75-125	8	20
Post Spike (8111043-PS1)	**Source: SA87371-02**									
Prepared: 21-Nov-08 Analyzed: 24-Nov-08										
Mercury	4.35		µg/l	0.200	5.00	BRL	87	85-115		

Notes and Definitions

QC1	Analyte out of acceptance range.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR2	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR8	Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Rebecca Merz

MADEP MCP ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: Spectrum Analytical, Inc. - Agawam, MA	Project #: 12700058
Project Location: Walpole Park South-Walpole, MA	MADEP RTN [1]:

This form provides certifications for the following data set:
SA87371-01 through SA87371-09

Sample matrices:	Aqueous Ground Water				
MCP SW-846 Methods Used	☐ 8260B	☐ 8151A	☐ 8330	☑ 6010B	☑ 7470A/1A
	☐ 8270C	☐ 8081A	☐ VPH	☐ 6020	☐ 9014M [2]
	☐ 8082	☐ 8021B	☐ EPH	☐ 7000S [3]	☐ 7196A

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S - SW-846 Methods 7000 Series List individual method and analyte

An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	☑ Yes	☐ No
B	Were all QA/QC procedures required for the specified analytical method(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	☐ No
C	Does the data included in this report meet all the analytical requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☑ Yes	☐ No
D	***VPH and EPH methods only***: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective methods)?	☐ Yes	☐ No

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all analytical QC performance standards and recommendations for the specified methods achieved?	☑ Yes	☐ No
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☑ Yes	☐ No

All negative responses are addressed in a case narrative on the cover page of this report.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Date: 11/26/2008

SA 87371

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Tetra Tech Rizzo
One Grant St
Framingham, MA 01701
Project Mgr.: Ray Johnson

Invoice To: Accounting
P.O. No.: _____ RQN: _____

Project No.: 12700058
Site Name: Walpole Park South
Location: Walpole State: MA
Sampler(s): Kirsten Lifegvist

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOCs 624	MCP 14 metals	QA Reporting Notes: (check if needed)
87371-01	RIZ-10-GW	11/11/08	14:35	G	GW	2/4	2			1	X	X	☒ Provide MA DEP MCP CAM Report ☐ Provide CT DEP RCP Report
-02	RIZ-8-GW	↓	13:50								X	X	QA/QC Reporting Level ☑ Standard ☐ No QC ☐ Other _____
-03	RIZ-3-GW	11/11/08	15:40								X	X	State specific reporting standards: MA MCP GW-1
-04	MW-9-GW		11:50								X	X	* Metals have been field filtered
-05	MW-2-GW		9:50								X	X	
-06	RIZ-9-GW		11:00								X	X	
-07	MW-3-GW		8:35								X	X	
-08	GHC-6-GW		9:20	↓	↓	↓	↓			↓	X	X	
-09	Trip Blank 111108					2	1				X		

☐ Fax results when available to (____) _____
☒ E-mail to raymond.johnson@tdratech.com
EDD Format PDF, Excel w/all DLs + in ug/L
Condition upon receipt: ☑ Iced ☐ Ambient ☐ °C 3.9

Relinquished by:	Received by:	Date:	Time:
Kirsten Lifegvist	Bergeron	11/12/08	10:08 AM
Bergeron		11/12/08	1715

Cooler,

11 Almgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076 • www.spectrum-analytical.com

ANALYTICAL REPORT

Lab Number:	L0818397
Client:	Tetra Tech Rizzo 1 Grant Street Framingham, MA 01701-9005
ATTN:	Ian Cannan
Project Name:	WALPOLE PARK SOUTH
Project Number:	12700058
Report Date:	12/23/08

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: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L0818397
Report Date: 12/23/08

Alpha Sample ID	Client ID	Sample Location
L0818397-01	RIZ-10	WALPOLE, MA

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0818397

Project Number: 12700058 **Report Date:** 12/23/08

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"?	NO
D	VPH and EPH methods only: Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	N/A

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?	YES
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	NO

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:	WALPOLE PARK SOUTH	**Lab Number:**	L0818397
Project Number:	12700058	**Report Date:**	12/23/08

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.

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.

MCP Related Narratives

Sample Receipt

In reference to question C:

The samples were received at the laboratory requiring filtration for Dissolved Metals; however, the samples were received beyond the 24 hour holding time recommended for filtration. The samples were filtered and preserved appropriately.

Dissolved Metals

L0818397-01 has an elevated detection limit for Thallium due to the dilution required by the high concentrations of non-target analytes. The requested reporting limit was achieved.

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L0818397
Project Number:	12700058	**Report Date:**	12/23/08

Case Narrative (continued)

In reference to question F:

All samples were analyzed for a subset of MCP elements per the Chain of Custody.

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: Elizabeth A. Simmons

Title: Technical Director/Representative Date: 12/23/08

METALS

Project Name: WALPOLE PARK SOUTH
Lab Number: L0818397
Project Number: 12700058
Report Date: 12/23/08

SAMPLE RESULTS

Lab ID: L0818397-01
Client ID: RIZ-10
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 12/11/08 09:30
Date Received: 12/15/08
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series										
Thallium, Dissolved	ND		mg/l	0.0020	4	12/16/08 11:15	12/17/08 00:50	EPA 3005A	64,6020A	BM

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L0818397
Report Date: 12/23/08

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals by MCP 6000/7000 series for sample(s): 01 Batch: WG347338-1									
Thallium, Dissolved	ND		mg/l	0.0005	1	12/16/08 11:15	12/16/08 23:33	64,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058

Lab Number: L0818397

Report Date: 12/23/08

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals by MCP 6000/7000 series	Associated sample(s): 01	Batch: WG347338-2	WG347338-3		
Thallium, Dissolved	95	96	80-120	1	20

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L0818397
Report Date: 12/23/08

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0818397-01A	Plastic 500ml unpreserved	A	7	2C	Y	Absent	-
L0818397-01B	Plastic 500ml HNO3 preserved spl	A	<2	2C	Y	Absent	MCP-TL-6020S(180)

*Hold days indicated by values in parentheses

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L0818397
Project Number:	12700058	**Report Date:**	12/23/08

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.

NI - Not Ignitable.

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.

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

The following data qualifiers have been identified for use under the CT DEP Reasonable Confidence Protocols.

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.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

J - Estimated value. The analyte was tentatively identified; the quantitation is an estimation. (Tentatively identified compounds only.)

Standard Qualifiers

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

Report Format: Data Usability Report

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L0818397
Project Number:	12700058	**Report Date:**	12/23/08

REFERENCES

64 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). August 2004.

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.

12230812:22

CHAIN OF CUSTODY

PAGE OF

ALPHA ANALYTICAL

Westborough, MA TEL: 508-898-9220 FAX: 508-898-9193
Mansfield, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 12/15/08

ALPHA Job #: L0818397

Client Information

Client: Tetra Tech Rizzo
Address: One Grant Street
Framingham, MA
Phone: 508-903-2039
Fax: 508-903-2001
Email: ian.cannan@tetratech.com

☐ These samples have been Previously analyzed by Alpha

Project Information

Project Name: Walpole Park South
Project Location: Walpole, MA
Project #: 12700058
Project Manager: Ray Johnson
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: 12/22/08 Time:

Report Information — Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program	Criteria
MA MCP CAM	RCGW-1

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:

DLs <RCGW-1

ANALYSIS

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	Dissolved Thallium	Sample Specific Comments	TOTAL # BOTTLES
18397-1	RIZ-10	12-11-08	0930	GW	ISC	☒	Lab to filter	1
						☐		
						☐		
						☐		
						☐		
						☐		
						☐		
						☐		
						☐		
						☐		
						☐		

Container Type	P	-	-	-	-	-	-	-	-	-	-	-
Preservative	-	-	-	-	-	-	-	-	-	-	-	-

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Paul Gilbert	12-15-08 1655	Paul Gilbert	12/15/08 1655

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 Payment Terms.

FORM NO: 01-01(I) (rev. 30-JUL-07)

ANALYTICAL REPORT

Lab Number:	L0907670
Client:	Tetra Tech Rizzo 1 Grant Street Framingham, MA 01701-9005
ATTN:	Ray Johnson
Project Name:	WALPOLE PARK SOUTH
Project Number:	12700053
Report Date:	06/17/09

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: WALPOLE PARK SOUTH
Project Number: 12700053

Lab Number: L0907670
Report Date: 06/17/09

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L0907670-01	RIZ-10	WALPOLE, MA	06/10/09 13:00
L0907670-02	RIZ-8	WALPOLE, MA	06/10/09 13:28
L0907670-03	RIZ-8S	WALPOLE, MA	06/10/09 13:18
L0907670-04	MW-9	WALPOLE, MA	06/10/09 13:45
L0907670-05	GHC-6	WALPOLE, MA	06/10/09 14:05
L0907670-06	RIZ-3	WALPOLE, MA	06/10/09 14:12
L0907670-07	MW-2	WALPOLE, MA	06/10/09 14:26
L0907670-08	RIZ-9	WALPOLE, MA	06/10/09 14:41

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

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?	N/A

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?	YES
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: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

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

Sample Receipt

The samples were Field Filtered for Dissolved Metals only.

Metals

L0907670-01 through -08 have elevated detection limits for Antimony and Thallium due to the dilutions required by the high concentrations of non-target analytes. The requested reporting limits were achieved.

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: Elizabeth A. Simmons

Title: Technical Director/Representative Date: 06/17/09

ORGANICS

VOLATILES

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-01
Client ID: RIZ-10
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/12/09 14:10
Analyst: TT

Date Collected: 06/10/09 13:00
Date Received: 06/11/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-01 Date Collected: 06/10/09 13:00

Client ID: RIZ-10 Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	105		80-120
4-Bromofluorobenzene	83		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-02
Client ID: RIZ-8
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/12/09 14:47
Analyst: TT

Date Collected: 06/10/09 13:28
Date Received: 06/11/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-02 Date Collected: 06/10/09 13:28

Client ID: RIZ-8 Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	107		80-120
4-Bromofluorobenzene	83		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-03
Client ID: RIZ-8S
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/12/09 15:24
Analyst: TT

Date Collected: 06/10/09 13:18
Date Received: 06/11/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	0.71		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-03 Date Collected: 06/10/09 13:18

Client ID: RIZ-8S Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	106		80-120
4-Bromofluorobenzene	84		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-04
Client ID: MW-9
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/12/09 16:01
Analyst: TT

Date Collected: 06/10/09 13:45
Date Received: 06/11/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	0.75		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-04 Date Collected: 06/10/09 13:45

Client ID: MW-9 Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	106		80-120
4-Bromofluorobenzene	84		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-05
Client ID: GHC-6
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/12/09 16:38
Analyst: TT

Date Collected: 06/10/09 14:05
Date Received: 06/11/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-05 Date Collected: 06/10/09 14:05

Client ID: GHC-6 Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	103		80-120
4-Bromofluorobenzene	84		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-06
Client ID: RIZ-3
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/12/09 17:15
Analyst: TT

Date Collected: 06/10/09 14:12
Date Received: 06/11/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-06 Date Collected: 06/10/09 14:12

Client ID: RIZ-3 Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	107		80-120
4-Bromofluorobenzene	83		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-07
Client ID: MW-2
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/12/09 17:52
Analyst: TT

Date Collected: 06/10/09 14:26
Date Received: 06/11/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	1.0		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-07 Date Collected: 06/10/09 14:26

Client ID: MW-2 Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	108		80-120
4-Bromofluorobenzene	84		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-08
Client ID: RIZ-9
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/12/09 18:29
Analyst: TT

Date Collected: 06/10/09 14:41
Date Received: 06/11/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-08 Date Collected: 06/10/09 14:41

Client ID: RIZ-9 Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	105		80-120
4-Bromofluorobenzene	84		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 06/12/09 08:00
Analyst: TT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG366434-4				
Methylene chloride	ND		ug/l	0.50
1,1-Dichloroethane	ND		ug/l	0.50
Chloroform	ND		ug/l	0.50
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	0.50
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.50
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	0.50
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.50
Ethylbenzene	ND		ug/l	0.50
p/m-Xylene	ND		ug/l	0.50
Chloromethane	ND		ug/l	0.50
Bromomethane	ND		ug/l	0.50
Vinyl chloride	ND		ug/l	0.50
Chloroethane	ND		ug/l	0.50
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.50
cis-1,2-Dichloroethene	ND		ug/l	0.50
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	0.50
1,3-Dichlorobenzene	ND		ug/l	0.50

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 06/12/09 08:00
Analyst: TT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG366434-4				
1,4-Dichlorobenzene	ND		ug/l	0.50
Styrene	ND		ug/l	0.50
o-Xylene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	0.50
2,2-Dichloropropane	ND		ug/l	0.50
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
1,2,3-Trichloropropane	ND		ug/l	0.50
Bromochloromethane	ND		ug/l	0.50
n-Butylbenzene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	0.50
Hexachlorobutadiene	ND		ug/l	0.50
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	0.50
n-Propylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	0.50
1,2,3-Trichlorobenzene	ND		ug/l	0.50
1,2,4-Trichlorobenzene	ND		ug/l	0.50
1,2,4-Trimethylbenzene	ND		ug/l	0.50
1,3,5-Trimethylbenzene	ND		ug/l	0.50
Bromobenzene	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	0.50
p-Chlorotoluene	ND		ug/l	0.50
Dibromomethane	ND		ug/l	0.50
1,2-Dibromoethane	ND		ug/l	0.50
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50
1,3-Dichloropropane	ND		ug/l	0.50
Methyl tert butyl ether	ND		ug/l	0.50

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 06/12/09 08:00
Analyst: TT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG366434-4				
Tentatively Identified Compounds				
No Tentatively Identified Compounds	ND		ug/l	

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	106		80-120
4-Bromofluorobenzene	87		80-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700053

Lab Number: L0907670

Report Date: 06/17/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG366434-3					
Methylene chloride	101	-	70-130	-	
1,1-Dichloroethane	96	-	70-130	-	
Chloroform	99	-	70-130	-	
Carbon tetrachloride	91	-	70-130	-	
1,2-Dichloropropane	97	-	70-130	-	
Dibromochloromethane	91	-	70-130	-	
1,1,2-Trichloroethane	97	-	70-130	-	
Tetrachloroethene	94	-	70-130	-	
Chlorobenzene	97	-	70-130	-	
Trichlorofluoromethane	100	-	70-130	-	
1,2-Dichloroethane	93	-	70-130	-	
1,1,1-Trichloroethane	91	-	70-130	-	
Bromodichloromethane	94	-	70-130	-	
trans-1,3-Dichloropropene	85	-	70-130	-	
cis-1,3-Dichloropropene	85	-	70-130	-	
Bromoform	92	-	70-130	-	
1,1,2,2-Tetrachloroethane	106	-	70-130	-	
Benzene	98	-	70-130	-	
Toluene	91	-	70-130	-	
Ethylbenzene	96	-	70-130	-	
p/m-Xylene	98	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700053

Lab Number: L0907670

Report Date: 06/17/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG366434-3					
Chloromethane	112	-	70-130	-	
Bromomethane	114	-	70-130	-	
Vinyl chloride	104	-	70-130	-	
Chloroethane	104	-	70-130	-	
1,1-Dichloroethene	98	-	70-130	-	
trans-1,2-Dichloroethene	95	-	70-130	-	
cis-1,2-Dichloroethene	92	-	70-130	-	
Trichloroethene	86	-	70-130	-	
1,2-Dichlorobenzene	97	-	70-130	-	
1,3-Dichlorobenzene	96	-	70-130	-	
1,4-Dichlorobenzene	95	-	70-130	-	
Styrene	96	-	70-130	-	
o-Xylene	91	-	70-130	-	
1,1-Dichloropropene	92	-	70-130	-	
2,2-Dichloropropane	94	-	70-130	-	
1,1,1,2-Tetrachloroethane	95	-	70-130	-	
1,2,3-Trichloropropane	97	-	70-130	-	
Bromochloromethane	100	-	70-130	-	
n-Butylbenzene	94	-	70-130	-	
Dichlorodifluoromethane	105	-	70-130	-	
Hexachlorobutadiene	100	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700053

Lab Number: L0907670

Report Date: 06/17/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG366434-3					
Isopropylbenzene	96	-	70-130	-	
p-Isopropyltoluene	93	-	70-130	-	
Naphthalene	75	-	70-130	-	
n-Propylbenzene	96	-	70-130	-	
sec-Butylbenzene	96	-	70-130	-	
tert-Butylbenzene	94	-	70-130	-	
1,2,3-Trichlorobenzene	89	-	70-130	-	
1,2,4-Trichlorobenzene	90	-	70-130	-	
1,2,4-Trimethylbenzene	89	-	70-130	-	
1,3,5-Trimethylbenzene	87	-	70-130	-	
Bromobenzene	102	-	70-130	-	
o-Chlorotoluene	98	-	70-130	-	
p-Chlorotoluene	93	-	70-130	-	
Dibromomethane	94	-	70-130	-	
1,2-Dibromoethane	94	-	70-130	-	
1,2-Dibromo-3-chloropropane	103	-	70-130	-	
1,3-Dichloropropane	92	-	70-130	-	
Methyl tert butyl ether	88	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700053

Lab Number: L0907670

Report Date: 06/17/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG366434-3					

Surrogate	LCS %Recovery	Qualifier	LCSD %Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	102				80-120
4-Bromofluorobenzene	97				80-120

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053

Lab Number: L0907670
Report Date: 06/17/09

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG366434-5 QC Sample: L0907641-01 Client ID: MS Sample									
Methylene chloride	ND	4	4.1	103	-	-	70-130	-	20
1,1-Dichloroethane	ND	4	4.2	106	-	-	70-130	-	20
Chloroform	ND	4	4.0	101	-	-	70-130	-	20
Carbon tetrachloride	ND	4	4.1	102	-	-	70-130	-	20
1,2-Dichloropropane	ND	4	4.0	100	-	-	70-130	-	20
Dibromochloromethane	ND	4	3.6	90	-	-	70-130	-	20
1,1,2-Trichloroethane	ND	4	3.8	95	-	-	70-130	-	20
Tetrachloroethene	ND	4	4.0	101	-	-	70-130	-	20
Chlorobenzene	ND	4	4.1	102	-	-	70-130	-	20
Trichlorofluoromethane	ND	4	4.4	109	-	-	70-130	-	20
1,2-Dichloroethane	ND	4	4.0	100	-	-	70-130	-	20
1,1,1-Trichloroethane	ND	4	4.0	101	-	-	70-130	-	20
Bromodichloromethane	ND	4	3.8	95	-	-	70-130	-	20
trans-1,3-Dichloropropene	ND	4	3.0	75	-	-	70-130	-	20
cis-1,3-Dichloropropene	ND	4	3.7	93	-	-	70-130	-	20
Bromoform	ND	4	3.5	88	-	-	70-130	-	20
1,1,2,2-Tetrachloroethane	ND	4	4.1	103	-	-	70-130	-	20
Benzene	ND	4	4.2	105	-	-	70-130	-	20
Toluene	ND	4	3.8	96	-	-	70-130	-	20
Ethylbenzene	ND	4	4.0	100	-	-	70-130	-	20
p/m-Xylene	ND	8	7.9	99	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053

Lab Number: L0907670
Report Date: 06/17/09

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG366434-5 QC Sample: L0907641-01 Client ID: MS Sample									
Chloromethane	ND	4	4.2	104	-	-	70-130	-	20
Bromomethane	ND	4	4.7	117	-	-	70-130	-	20
Vinyl chloride	ND	4	5.2	**131**	-	-	70-130	-	20
Chloroethane	ND	4	4.6	115	-	-	70-130	-	20
1,1-Dichloroethene	ND	4	4.4	111	-	-	70-130	-	20
trans-1,2-Dichloroethene	ND	4	4.2	105	-	-	70-130	-	20
cis-1,2-Dichloroethene	ND	4	3.9	99	-	-	70-130	-	20
Trichloroethene	ND	4	3.8	96	-	-	70-130	-	20
1,2-Dichlorobenzene	ND	4	3.8	95	-	-	70-130	-	20
1,3-Dichlorobenzene	ND	4	3.8	96	-	-	70-130	-	20
1,4-Dichlorobenzene	ND	4	3.7	93	-	-	70-130	-	20
Styrene	ND	4	3.8	94	-	-	70-130	-	20
o-Xylene	ND	4	3.7	94	-	-	70-130	-	20
1,1-Dichloropropene	ND	4	3.8	96	-	-	70-130	-	20
2,2-Dichloropropane	ND	4	4.1	103	-	-	70-130	-	20
1,1,1,2-Tetrachloroethane	ND	4	3.7	92	-	-	70-130	-	20
1,2,3-Trichloropropane	ND	4	3.8	94	-	-	70-130	-	20
Bromochloromethane	ND	4	4.0	101	-	-	70-130	-	20
n-Butylbenzene	ND	4	3.9	98	-	-	70-130	-	20
Dichlorodifluoromethane	ND	4	3.8	96	-	-	70-130	-	20
Hexachlorobutadiene	ND	4	4.1	102	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG366434-5 QC Sample: L0907641-01 Client ID: MS Sample									
Isopropylbenzene	ND	4	3.5	88	-	-	70-130	-	20
p-Isopropyltoluene	ND	4	3.7	92	-	-	70-130	-	20
Naphthalene	ND	4	3.0	76	-	-	70-130	-	20
n-Propylbenzene	ND	4	4.0	100	-	-	70-130	-	20
sec-Butylbenzene	ND	4	3.9	98	-	-	70-130	-	20
tert-Butylbenzene	ND	4	3.9	97	-	-	70-130	-	20
1,2,3-Trichlorobenzene	ND	4	3.4	86	-	-	70-130	-	20
1,2,4-Trichlorobenzene	ND	4	3.6	89	-	-	70-130	-	20
1,2,4-Trimethylbenzene	ND	4	3.6	91	-	-	70-130	-	20
1,3,5-Trimethylbenzene	ND	4	3.5	87	-	-	70-130	-	20
Bromobenzene	ND	4	4.0	100	-	-	70-130	-	20
o-Chlorotoluene	ND	4	4.0	100	-	-	70-130	-	20
p-Chlorotoluene	ND	4	3.7	92	-	-	70-130	-	20
Dibromomethane	ND	4	3.9	98	-	-	70-130	-	20
1,2-Dibromoethane	ND	4	3.7	92	-	-	70-130	-	20
1,2-Dibromo-3-chloropropane	ND	4	3.4	86	-	-	70-130	-	20
1,3-Dichloropropane	ND	4	3.6	90	-	-	70-130	-	20
Methyl tert butyl ether	ND	4	3.5	88	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053

Lab Number: L0907670
Report Date: 06/17/09

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG366434-5 QC Sample: L0907641-01 Client ID: MS Sample

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101				80-120
4-Bromofluorobenzene	96				80-120

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053

Lab Number: L0907670
Report Date: 06/17/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG366434-6 QC Sample: L0907641-02 Client ID: DUP Sample					
Methylene chloride	ND	ND	ug/l	NC	20
1,1-Dichloroethane	ND	ND	ug/l	NC	20
Chloroform	ND	ND	ug/l	NC	20
Carbon tetrachloride	ND	ND	ug/l	NC	20
1,2-Dichloropropane	ND	ND	ug/l	NC	20
Dibromochloromethane	ND	ND	ug/l	NC	20
1,1,2-Trichloroethane	ND	ND	ug/l	NC	20
Tetrachloroethene	ND	ND	ug/l	NC	20
Chlorobenzene	ND	ND	ug/l	NC	20
Trichlorofluoromethane	ND	ND	ug/l	NC	20
1,2-Dichloroethane	ND	ND	ug/l	NC	20
1,1,1-Trichloroethane	ND	ND	ug/l	NC	20
Bromodichloromethane	ND	ND	ug/l	NC	20
trans-1,3-Dichloropropene	ND	ND	ug/l	NC	20
cis-1,3-Dichloropropene	ND	ND	ug/l	NC	20
Bromoform	ND	ND	ug/l	NC	20
1,1,2,2-Tetrachloroethane	ND	ND	ug/l	NC	20
Benzene	ND	ND	ug/l	NC	20
Toluene	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053

Lab Number: L0907670
Report Date: 06/17/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG366434-6 QC Sample: L0907641-02 Client ID: DUP Sample					
Ethylbenzene	ND	ND	ug/l	NC	20
p/m-Xylene	ND	ND	ug/l	NC	20
Chloromethane	ND	ND	ug/l	NC	20
Bromomethane	ND	ND	ug/l	NC	20
Vinyl chloride	ND	ND	ug/l	NC	20
Chloroethane	ND	ND	ug/l	NC	20
1,1-Dichloroethene	ND	ND	ug/l	NC	20
trans-1,2-Dichloroethene	ND	ND	ug/l	NC	20
cis-1,2-Dichloroethene	ND	ND	ug/l	NC	20
Trichloroethene	ND	ND	ug/l	NC	20
1,2-Dichlorobenzene	ND	ND	ug/l	NC	20
1,3-Dichlorobenzene	ND	ND	ug/l	NC	20
1,4-Dichlorobenzene	ND	ND	ug/l	NC	20
Styrene	ND	ND	ug/l	NC	20
o-Xylene	ND	ND	ug/l	NC	20
1,1-Dichloropropene	ND	ND	ug/l	NC	20
2,2-Dichloropropane	ND	ND	ug/l	NC	20
1,1,1,2-Tetrachloroethane	ND	ND	ug/l	NC	20
1,2,3-Trichloropropane	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053

Lab Number: L0907670
Report Date: 06/17/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG366434-6 QC Sample: L0907641-02 Client ID: DUP Sample					
Bromochloromethane	ND	ND	ug/l	NC	20
n-Butylbenzene	ND	ND	ug/l	NC	20
Dichlorodifluoromethane	ND	ND	ug/l	NC	20
Hexachlorobutadiene	ND	ND	ug/l	NC	20
Isopropylbenzene	ND	ND	ug/l	NC	20
p-Isopropyltoluene	ND	ND	ug/l	NC	20
Naphthalene	ND	ND	ug/l	NC	20
n-Propylbenzene	ND	ND	ug/l	NC	20
sec-Butylbenzene	ND	ND	ug/l	NC	20
tert-Butylbenzene	ND	ND	ug/l	NC	20
1,2,3-Trichlorobenzene	ND	ND	ug/l	NC	20
1,2,4-Trichlorobenzene	ND	ND	ug/l	NC	20
1,2,4-Trimethylbenzene	ND	ND	ug/l	NC	20
1,3,5-Trimethylbenzene	ND	ND	ug/l	NC	20
Bromobenzene	ND	ND	ug/l	NC	20
o-Chlorotoluene	ND	ND	ug/l	NC	20
p-Chlorotoluene	ND	ND	ug/l	NC	20
Dibromomethane	ND	ND	ug/l	NC	20
1,2-Dibromoethane	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053

Lab Number: L0907670
Report Date: 06/17/09

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG366434-6 QC Sample: L0907641-02 Client ID: DUP Sample					
1,2-Dibromo-3-chloropropane	ND	ND	ug/l	NC	20
1,3-Dichloropropane	ND	ND	ug/l	NC	20
Methyl tert butyl ether	ND	ND	ug/l	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	104		106		80-120
4-Bromofluorobenzene	85		85		80-120

METALS

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-01 Date Collected: 06/10/09 13:00

Client ID: RIZ-10 Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 01:05	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	06/12/09 11:00	06/15/09 16:18	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.148		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:18	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:18	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:18	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	06/12/09 11:00	06/15/09 16:18	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:18	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	06/15/09 17:15	06/16/09 10:55	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	06/12/09 11:00	06/15/09 16:18	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:18	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	06/12/09 11:00	06/15/09 16:18	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 01:05	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:18	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	06/12/09 11:00	06/15/09 16:18	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-02 Date Collected: 06/10/09 13:28

Client ID: RIZ-8 Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 01:34	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	06/12/09 11:00	06/15/09 16:24	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.026		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:24	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:24	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:24	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	06/12/09 11:00	06/15/09 16:24	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:24	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	06/15/09 17:15	06/16/09 10:56	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	06/12/09 11:00	06/15/09 16:24	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:24	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	06/12/09 11:00	06/15/09 16:24	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 01:34	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:24	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	06/12/09 11:00	06/15/09 16:24	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-03 Date Collected: 06/10/09 13:18

Client ID: RIZ-8S Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 01:40	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	06/12/09 11:00	06/15/09 16:26	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.051		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:26	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:26	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:26	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	06/12/09 11:00	06/15/09 16:26	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:26	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	06/15/09 17:15	06/16/09 10:58	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	06/12/09 11:00	06/15/09 16:26	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:26	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	06/12/09 11:00	06/15/09 16:26	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 01:40	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:26	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	06/12/09 11:00	06/15/09 16:26	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH
Lab Number: L0907670
Project Number: 12700053
Report Date: 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-04
Client ID: MW-9
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 06/10/09 13:45
Date Received: 06/11/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 01:46	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	06/12/09 11:00	06/15/09 16:29	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.029		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:29	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:29	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:29	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	06/12/09 11:00	06/15/09 16:29	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:29	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	06/15/09 17:15	06/16/09 11:00	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	06/12/09 11:00	06/15/09 16:29	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:29	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	06/12/09 11:00	06/15/09 16:29	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 01:46	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:29	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	06/12/09 11:00	06/15/09 16:29	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-05 Date Collected: 06/10/09 14:05

Client ID: GHC-6 Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 01:52	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	06/12/09 11:00	06/15/09 16:32	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.066		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:32	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:32	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:32	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	06/12/09 11:00	06/15/09 16:32	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:32	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	06/15/09 17:15	06/16/09 11:02	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	06/12/09 11:00	06/15/09 16:32	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:32	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	06/12/09 11:00	06/15/09 16:32	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 01:52	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:32	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	06/12/09 11:00	06/15/09 16:32	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH
Lab Number: L0907670
Project Number: 12700053
Report Date: 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-06
Client ID: RIZ-3
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 06/10/09 14:12
Date Received: 06/11/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 01:57	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	06/12/09 11:00	06/15/09 16:42	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.013		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:42	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:42	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:42	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	06/12/09 11:00	06/15/09 16:42	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:42	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	06/15/09 17:15	06/16/09 11:04	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	06/12/09 11:00	06/15/09 16:42	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:42	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	06/12/09 11:00	06/15/09 16:42	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 01:57	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:42	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	06/12/09 11:00	06/15/09 16:42	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH
Lab Number: L0907670
Project Number: 12700053
Report Date: 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-07
Client ID: MW-2
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 06/10/09 14:26
Date Received: 06/11/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 02:03	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	06/12/09 11:00	06/15/09 16:45	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.070		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:45	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:45	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:45	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	06/12/09 11:00	06/15/09 16:45	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:45	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	06/15/09 17:15	06/16/09 11:05	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	06/12/09 11:00	06/15/09 16:45	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:45	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	06/12/09 11:00	06/15/09 16:45	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 02:03	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:45	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	06/12/09 11:00	06/15/09 16:45	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

SAMPLE RESULTS

Lab ID: L0907670-08 Date Collected: 06/10/09 14:41

Client ID: RIZ-9 Date Received: 06/11/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Matrix: Water

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 02:09	EPA 3005A	64,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	1	06/12/09 11:00	06/15/09 16:48	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.015		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:48	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:48	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:48	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	06/12/09 11:00	06/15/09 16:48	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:48	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	06/15/09 17:15	06/16/09 11:11	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	06/12/09 11:00	06/15/09 16:48	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:48	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	06/12/09 11:00	06/15/09 16:48	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	06/12/09 11:00	06/17/09 02:09	EPA 3005A	64,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:48	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	06/12/09 11:00	06/15/09 16:48	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH **Lab Number:** L0907670

Project Number: 12700053 **Report Date:** 06/17/09

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01-08 Batch: WG366599-1									
Arsenic, Dissolved	ND		mg/l	0.005	1	06/12/09 11:00	06/15/09 16:07	60,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:07	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:07	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	06/12/09 11:00	06/15/09 16:07	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	06/12/09 11:00	06/15/09 16:07	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:07	60,6010B	AI
Nickel, Dissolved	ND		mg/l	0.025	1	06/12/09 11:00	06/15/09 16:07	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:07	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	06/12/09 11:00	06/15/09 16:07	60,6010B	AI
Vanadium, Dissolved	ND		mg/l	0.010	1	06/12/09 11:00	06/15/09 16:07	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	06/12/09 11:00	06/15/09 16:07	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01-08 Batch: WG366913-1									
Mercury, Dissolved	ND		mg/l	0.0002	1	06/15/09 17:15	06/16/09 10:49	64,7470A	EZ

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01-08 Batch: WG367081-1									
Antimony, Dissolved	ND		mg/l	0.0005	1	06/12/09 11:00	06/17/09 00:42	64,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0005	1	06/12/09 11:00	06/17/09 00:42	64,6020A	BM

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053
Lab Number: L0907670
Report Date: 06/17/09

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700053

Lab Number: L0907670

Report Date: 06/17/09

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01-08 Batch: WG366599-2 WG366599-3					
Arsenic, Dissolved	113	114	80-120	1	20
Barium, Dissolved	106	106	80-120	0	20
Beryllium, Dissolved	107	106	80-120	1	20
Cadmium, Dissolved	116	115	80-120	1	20
Chromium, Dissolved	105	105	80-120	0	20
Lead, Dissolved	110	111	80-120	1	20
Nickel, Dissolved	105	105	80-120	0	20
Selenium, Dissolved	113	117	80-120	3	20
Silver, Dissolved	110	109	80-120	1	20
Vanadium, Dissolved	106	105	80-120	1	20
Zinc, Dissolved	110	111	80-120	1	20
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01-08 Batch: WG366913-2 WG366913-3					
Mercury, Dissolved	98	93	80-120	5	20
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01-08 Batch: WG367081-2 WG367081-3					
Antimony, Dissolved	106	106	80-120	2	20
Thallium, Dissolved	96	96	80-120	1	20

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053

Lab Number: L0907670
Report Date: 06/17/09

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0907670-01A	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-01B	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-01C	Plastic 500ml HNO3 preserved	A	<2	3	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0907670-02A	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-02B	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-02C	Plastic 500ml HNO3 preserved	A	<2	3	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0907670-03A	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-03B	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-03C	Plastic 500ml HNO3 preserved	A	<2	3	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0907670-04A	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-04B	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)

*Hold days indicated by values in parentheses

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053

Lab Number: L0907670
Report Date: 06/17/09

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0907670-04C	Plastic 500ml HNO3 preserved	A	<2	3	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0907670-05A	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-05B	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-05C	Plastic 500ml HNO3 preserved	A	<2	3	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0907670-06A	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-06B	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-06C	Plastic 500ml HNO3 preserved	A	<2	3	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0907670-07A	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-07B	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-07C	Plastic 500ml HNO3 preserved	A	<2	3	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0907670-08A	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)
L0907670-08B	Vial Ascorbic Acid/HCl preserved	A	N/A	3	Y	Absent	524.2(14)

*Hold days indicated by values in parentheses

Project Name: WALPOLE PARK SOUTH
Project Number: 12700053

Lab Number: L0907670
Report Date: 06/17/09

Container Information

Container ID	Container Type	Cooler	pH	Temp	Pres	Seal	Analysis
L0907670-08C	Plastic 500ml HNO3 preserved	A	<2	3	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)

*Hold days indicated by values in parentheses

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L0907670
Project Number:	12700053	**Report Date:**	06/17/09

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

*****	- The batch duplicate RPD exceeds the acceptance criteria. This flag is not applicable when the sample concentrations are less than 5x the RDL. (Metals only.)
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.
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.
N	- The matrix spike recovery exceeds the acceptance criteria. This flag is not applicable when the sample concentration is greater than 4x the spike added. (Metals only.)
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
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:	WALPOLE PARK SOUTH	**Lab Number:**	L0907670
Project Number:	12700053	**Report Date:**	06/17/09

REFERENCES

16 Methods for the Determination of Organic Compounds in Drinking Water - Supplement II. EPA/600/R-92/129, August 1992.

60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

64 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). August 2004.

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 June 17, 2009 - 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.)
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), 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 150.1, 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, Nitrite-N, Fluoride, Sulfate)
353.2 for: Nitrate-N, Nitrite-N; SM4500NO3-F, 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, EPA 150.1, SM4500H-B.
Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics)
(504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), SM6251B, 314.0.

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,Ti,V,Zn,Ca,Mg,Na,K)
245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2540B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Nitrate-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, 4500CN-CE, 2540D, 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, PCB-Water)
600/4-81-045-PCB-Oil

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
Drinking Water
Microbiology Parameters: SM9215B; MF-SM9222B; ENZ. SUB. SM9223; EC-SM9221E; MF-SM9222D; ENZ. SUB. SM9223;

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, 110.2, 120.1, 150.1, 300.0, 325.2, 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, 150.1, 300.0, 305.1, 310.1, 325.2, 340.2, 350.1, 350.2, 351.1, 353.2, 354.1, 365.2, 375.4, 376.2, 405.1, 415.1, 420.1, 425.1, 1664A, SW-846 9010, 9030, 9040B, EPA 160.1, 160.2, 160.3, 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, 331.0, 110.2, SM2120B, 2510B, 5310C, EPA 150.1, SM4500H-B, EPA 200.8, 245.2. Organic Parameters: 504.1, SM6251B, 524.2.)
Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.1, 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 350.2/.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, 8215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 314.0, 331.0, SM2320B, EPA 300.0, 325.2, 110.2, SM2120B, 4500CN-E, 4500F-C, EPA 150.1, SM4500H-B, 4500NO3-F, 2540C, EPA 120.1, SM 2510B. Organic Parameters: EPA 524.2, 504.1, SM6251B.)
Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, EPA 405.1, SM5210B, EPA 410.4, SM5220D, EPA 305.1, SM2310B-4a, EPA 310.1, SM2320B, EPA 200.7, 300.0, 325.2, LACHAT 10-117-07-1A or B, SM4500Cl-E, EPA 340.2, SM4500F-C, EPA 375.4, SM15 426C, EPA 350.1, 350.2, 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-NO30F, EPA 354.1, SM4500-NO2-B, EPA 365.2, SM4500P-E, EPA 160.3, EPA 160.1, SM2540C, EPA 160.2, SM2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, S\M3500Cr-D, EPA 245.1, 245.2, 7470A, 110.2, SM2120B, 335.2, LACHAT 10-204-00-1-A, EPA 150.1, 9040B, SM4500-HB, EPA 1664A, EPA 415.1, SM5310C, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, EPA 376.2, SM4500S-D, EPA 425.1, SM5540C, EPA 3005A, 3015. Organic Parameters: EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, 8021B, EPA 3510C, 5030B, 9010B, 9030B.)
Solid & Hazardous Waste (Inorganic Parameters: EPA 9040B, 9045C, 1010, 1030, SW-846 Ch 7 Sec 7.3, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 3005A, 3050B, 3051, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8081A, 8151A, 8330, 8082, 8021B, 3540C, 3545, 3580, 5030B, 5035.)
Analytical Services Protocol: CLP Volatile Organics, CLP Inorganics, CLP PCB/Pesticides.

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.

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Non-Potable Water (Organic Parameters: EPA 3510C, 625, 608, 8081A, 8082, 8151A, 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)

L0907670

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL

Westborough, MA TEL: 508-898-9220 FAX: 508-898-9193
Mansfield, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 6/11/09

ALPHA Job #: L0907663

Client Information

Client: TetraTech RIZZO
Address: One Grant St
Framingham MA
Phone: 508 903 2039
Fax: 508 903 2001
Email: ian.cannan@tetratech.com

☐ These samples have been Previously analyzed by Alpha

Project Information

Project Name: Walpole Park South
Project Location: Walpole, MA
Project #: 12700053
Project Manager: Ray Johnson
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)
10 Dy ok
Due Date: 6/18/09 Time:

Other Project Specific Requirements/Comments/Detection Limits:
Rizzo data deliverable in Excel

Report Information — Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☒ Add'l Deliverables Rizzo Pricing

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program: MA MCP
Criteria: RCGW-1

ANALYSIS

MCP 14 Metals; VOCs 524

SAMPLE HANDLING
Filtration
☒ Done - metals
☒ Not Needed - VOC
☐ Lab to do
Preservation
☒ Lab to do Pre-Pres
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments	TOTAL # BOTTLES
7670.1	RIZ-10	6-10-09	1300/1302	GW			3
.2	RIZ-8		1329/1340				
.3	RIZ-8S		1348/1370				
4	MW-9		1345/1346				
5	GHC-6		1405/1406				
6	RIZ-3		1412/1416				
7	MW-2		1426/1427				
8	RIZ-9		1441/1443				

Container Type	P	V
Preservative	N	HCl

Relinquished By:	Date/Time	Received By:	Date/Time
	6-11-09 1050	Rod Brady	6-11-09 1050
Rod Brady	6-11-09 1117		6/11/09 11:15

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 Payment Terms.

FORMNO: 01-01(I-NJ) (rev. 29-APR-09)

06170918:25

ANALYTICAL REPORT

Lab Number:	L1003740
Client:	Tetra Tech Rizzo 1 Grant Street Framingham, MA 01701-9005
ATTN:	Ray Johnson
Project Name:	WALPOLE PK SOUTH
Project Number:	12700058
Report Date:	03/19/10

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: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L1003740
Report Date: 03/19/10

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1003740-01	MW-9	WALPOLE, MA	12/21/09 10:12
L1003740-02	RIZ-8	WALPOLE, MA	12/21/09 11:05
L1003740-03	GHC-6	WALPOLE, MA	12/28/09 08:25
L1003740-04	RIZ-3	WALPOLE, MA	12/28/09 09:03
L1003740-05	RIZ-9	WALPOLE, MA	12/28/09 10:00
L1003740-06	RIZ-10	WALPOLE, MA	12/28/09 10:43
L1003740-07	MW-3	WALPOLE, MA	12/28/09 11:50

Project Name: WALPOLE PK SOUTH **Lab Number:** L1003740

Project Number: 12700058 **Report Date:** 03/19/10

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?	N/A

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?	YES
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	NO

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: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L1003740
Report Date: 03/19/10

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. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of 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

Sample Receipt

The samples were Field Filtered.

Metals

L1003740-01 through -07 have elevated detection limits due to the dilutions required by the high concentrations of non-target analytes. The requested reporting limits were achieved.

In reference to question F:

All samples were analyzed for a subset of MCP elements per the Chain of Custody.

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: Elizabeth A. Simmons

Title: Technical Director/Representative Date: 03/19/10

METALS

Project Name: WALPOLE PK SOUTH
Lab Number: L1003740
Project Number: 12700058
Report Date: 03/19/10

SAMPLE RESULTS

Lab ID: L1003740-01
Client ID: MW-9
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 12/21/09 10:12
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 18:56	EPA 3005A	64,6020A	TD

Project Name: WALPOLE PK SOUTH
Lab Number: L1003740
Project Number: 12700058
Report Date: 03/19/10

SAMPLE RESULTS

Lab ID: L1003740-02
Client ID: RIZ-8
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 12/21/09 11:05
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:20	EPA 3005A	64,6020A	TD

Project Name: WALPOLE PK SOUTH
Lab Number: L1003740
Project Number: 12700058
Report Date: 03/19/10

SAMPLE RESULTS

Lab ID: L1003740-03
Client ID: GHC-6
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 12/28/09 08:25
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:26	EPA 3005A	64,6020A	TD

Project Name: WALPOLE PK SOUTH
Lab Number: L1003740
Project Number: 12700058
Report Date: 03/19/10

SAMPLE RESULTS

Lab ID: L1003740-04
Client ID: RIZ-3
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 12/28/09 09:03
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:32	EPA 3005A	64,6020A	TD

Project Name: WALPOLE PK SOUTH
Lab Number: L1003740
Project Number: 12700058
Report Date: 03/19/10

SAMPLE RESULTS

Lab ID: L1003740-05
Client ID: RIZ-9
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 12/28/09 10:00
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:38	EPA 3005A	64,6020A	TD

Project Name: WALPOLE PK SOUTH
Lab Number: L1003740
Project Number: 12700058
Report Date: 03/19/10

SAMPLE RESULTS

Lab ID: L1003740-06
Client ID: RIZ-10
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 12/28/09 10:43
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:44	EPA 3005A	64,6020A	TD

Project Name: WALPOLE PK SOUTH
Lab Number: L1003740
Project Number: 12700058
Report Date: 03/19/10

SAMPLE RESULTS

Lab ID: L1003740-07
Client ID: MW-3
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 12/28/09 11:50
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Lead, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:50	EPA 3005A	64,6020A	TD

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L1003740
Report Date: 03/19/10

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01-07 Batch: WG404525-1									
Lead, Dissolved	ND		mg/l	0.0005	1	12/30/09 09:40	12/30/09 18:32	64,6020A	TD

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PK SOUTH

Project Number: 12700058

Lab Number: L1003740

Report Date: 03/19/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Dissolved Metals - Westborough Lab	Associated sample(s): 01-07		Batch: WG404525-2		WG404525-3			
Lead, Dissolved	103		101		80-120	2		20

Project Name:	WALPOLE PK SOUTH	**Lab Number:**	L1003740
Project Number:	12700058	**Report Date:**	03/19/10

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.

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).

ND - Not detected at the reported detection limit (RDL) for the sample.

Report Format: Data Usability Report

Project Name:	WALPOLE PK SOUTH	**Lab Number:**	L1003740
Project Number:	12700058	**Report Date:**	03/19/10

REFERENCES

64 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). August 2004.

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 March 16, 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,Ti,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, SM4500-CN-CE, SM2540D.
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, 4-Ethyltoluene. **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 1

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: 12/29/09

ALPHA Job #: L1003740 3/12/10

Client Information

Client: Tetra Tech Rizzo

Address: One Grant St
Framingham, MA

Phone: 508 903-2039

Fax: 508 903-2001

Email: ian.cannan@tetratech.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Walpole Pk. South

Project Location: Walpole, MA

Project #: 1270058

Project Manager: Raj Johnson / Ian Cannan

ALPHA Quote #:

Turn-Around Time

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

Date Due: 3/19/10 ~~3/19/10~~ Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l. Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: MA MCP

Criteria: CAM GW-1

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:

DLs ≤ RCGW-1

ANALYSIS: VOCs 524.2 | 8260 | MCP 14 metals 3/19/10 | Diss. Pb

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	VOCs 524.2	8260	MCP 14 metals 3/19/10	Diss. Pb	Sample Specific Comments	TOTAL # BOTTLES
03740-1	MW-9	12/21/9	1012	GW	JC	X	X	X		metals field-filtered	3
2	RIZ-8	↓	1105					X		VOCs 0.45um filter	2
3	GHC-6	12/23/9	0825					X			3
4	RIZ-3		0903					X			
5	RIZ-9		1000					X			
6	RIZ-10		1043					X			
7	MW-3	↓	1150	↓	↓	↓	↓	X			↓
8	Trip blank	12/16/9	–	Blank	Alpha	X					1

Container Type: V P

Preservative: HCl N

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	12/29/09 1120		12/29/09 1120
	12/29/09 1255		12/29/09 1255

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)

ANALYTICAL REPORT

Lab Number:	L0918777
Client:	Tetra Tech Rizzo 1 Grant Street Framingham, MA 01701-9005
ATTN:	Ian Cannan
Project Name:	WALPOLE PK SOUTH
Project Number:	12700058
Report Date:	01/05/10

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: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L0918777
Report Date: 01/05/10

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L0918777-01	MW-9	WALPOLE, MA	12/21/09 10:12
L0918777-02	RIZ-8	WALPOLE, MA	12/21/09 11:05
L0918777-03	GHC-6	WALPOLE, MA	12/28/09 08:25
L0918777-04	RIZ-3	WALPOLE, MA	12/28/09 09:03
L0918777-05	RIZ-9	WALPOLE, MA	12/28/09 10:00
L0918777-06	RIZ-10	WALPOLE, MA	12/28/09 10:43
L0918777-07	MW-3	WALPOLE, MA	12/28/09 11:50
L0918777-08	TRIP BLANK	WALPOLE, MA	12/21/09 00:00

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

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?	N/A

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?	YES
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: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

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

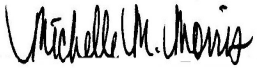
Sample Receipt

The samples were Field Filtered for Dissolved Metals only.

Metals

L0918777-01 through -07 have elevated detection limits for Antimony and Thallium due to the dilutions required by the high concentrations of non-target analytes. The requested reporting limits were achieved.

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: 

Title: Technical Director/Representative Date: 01/05/10

ORGANICS

VOLATILES

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-01
Client ID: MW-9
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 12/30/09 11:35
Analyst: TT

Date Collected: 12/21/09 10:12
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-01 Date Collected: 12/21/09 10:12

Client ID: MW-9 Date Received: 12/29/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	0.77		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID:	L0918777-01	Date Collected:	12/21/09 10:12
Client ID:	MW-9	Date Received:	12/29/09
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	102		80-120
4-Bromofluorobenzene	92		80-120

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID:	L0918777-02	Date Collected:	12/21/09 11:05
Client ID:	RIZ-8	Date Received:	12/29/09
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	16,524.2		
Analytical Date:	12/30/09 12:12		
Analyst:	TT		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-02 Date Collected: 12/21/09 11:05

Client ID: RIZ-8 Date Received: 12/29/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-02 Date Collected: 12/21/09 11:05

Client ID: RIZ-8 Date Received: 12/29/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	102		80-120
4-Bromofluorobenzene	93		80-120

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-03
Client ID: GHC-6
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 12/30/09 12:49
Analyst: TT

Date Collected: 12/28/09 08:25
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-03 Date Collected: 12/28/09 08:25

Client ID: GHC-6 Date Received: 12/29/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-03 Date Collected: 12/28/09 08:25

Client ID: GHC-6 Date Received: 12/29/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	103		80-120
4-Bromofluorobenzene	92		80-120

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-04
Client ID: RIZ-3
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 12/30/09 13:26
Analyst: TT

Date Collected: 12/28/09 09:03
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-04 Date Collected: 12/28/09 09:03

Client ID: RIZ-3 Date Received: 12/29/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID:	L0918777-04	Date Collected:	12/28/09 09:03
Client ID:	RIZ-3	Date Received:	12/29/09
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	102		80-120
4-Bromofluorobenzene	92		80-120

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-05
Client ID: RIZ-9
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 12/30/09 14:02
Analyst: TT

Date Collected: 12/28/09 10:00
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-05 Date Collected: 12/28/09 10:00

Client ID: RIZ-9 Date Received: 12/29/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID:	L0918777-05	Date Collected:	12/28/09 10:00
Client ID:	RIZ-9	Date Received:	12/29/09
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	107		80-120
4-Bromofluorobenzene	92		80-120

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-06
Client ID: RIZ-10
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 12/30/09 14:39
Analyst: TT

Date Collected: 12/28/09 10:43
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-06 Date Collected: 12/28/09 10:43

Client ID: RIZ-10 Date Received: 12/29/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-06 Date Collected: 12/28/09 10:43

Client ID: RIZ-10 Date Received: 12/29/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	104		80-120
4-Bromofluorobenzene	92		80-120

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID:	L0918777-07	Date Collected:	12/28/09 11:50
Client ID:	MW-3	Date Received:	12/29/09
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	16,524.2		
Analytical Date:	12/30/09 15:16		
Analyst:	TT		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-07 Date Collected: 12/28/09 11:50

Client ID: MW-3 Date Received: 12/29/09

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID:	L0918777-07	Date Collected:	12/28/09 11:50
Client ID:	MW-3	Date Received:	12/29/09
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101		80-120
4-Bromofluorobenzene	92		80-120

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID:	L0918777-08	Date Collected:	12/21/09 00:00
Client ID:	TRIP BLANK	Date Received:	12/29/09
Sample Location:	WALPOLE, MA	Field Prep:	None
Matrix:	Water		
Analytical Method:	16,524.2		
Analytical Date:	12/30/09 15:53		
Analyst:	TT		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-08 Date Collected: 12/21/09 00:00

Client ID: TRIP BLANK Date Received: 12/29/09

Sample Location: WALPOLE, MA Field Prep: None

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		1

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

SAMPLE RESULTS

Lab ID:	L0918777-08	Date Collected:	12/21/09 00:00
Client ID:	TRIP BLANK	Date Received:	12/29/09
Sample Location:	WALPOLE, MA	Field Prep:	None

Parameter	Result	Qualifier	Units	RDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	106		80-120
4-Bromofluorobenzene	93		80-120

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 12/30/09 07:18
Analyst: TT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG395058-2				
Methylene chloride	ND		ug/l	0.50
1,1-Dichloroethane	ND		ug/l	0.50
Chloroform	ND		ug/l	0.50
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	0.50
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.50
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	0.50
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.50
Ethylbenzene	ND		ug/l	0.50
p/m-Xylene	ND		ug/l	0.50
Chloromethane	ND		ug/l	0.50
Bromomethane	ND		ug/l	0.50
Vinyl chloride	ND		ug/l	0.50
Chloroethane	ND		ug/l	0.50
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.50
cis-1,2-Dichloroethene	ND		ug/l	0.50
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	0.50
1,3-Dichlorobenzene	ND		ug/l	0.50

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 12/30/09 07:18
Analyst: TT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG395058-2				
1,4-Dichlorobenzene	ND		ug/l	0.50
Styrene	ND		ug/l	0.50
o-Xylene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	0.50
2,2-Dichloropropane	ND		ug/l	0.50
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
1,2,3-Trichloropropane	ND		ug/l	0.50
Bromochloromethane	ND		ug/l	0.50
n-Butylbenzene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	0.50
Hexachlorobutadiene	ND		ug/l	0.50
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	0.50
n-Propylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	0.50
1,2,3-Trichlorobenzene	ND		ug/l	0.50
1,2,4-Trichlorobenzene	ND		ug/l	0.50
1,2,4-Trimethylbenzene	ND		ug/l	0.50
1,3,5-Trimethylbenzene	ND		ug/l	0.50
Bromobenzene	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	0.50
p-Chlorotoluene	ND		ug/l	0.50
Dibromomethane	ND		ug/l	0.50
1,2-Dibromoethane	ND		ug/l	0.50
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50
1,3-Dichloropropane	ND		ug/l	0.50
Methyl tert butyl ether	ND		ug/l	0.50

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 12/30/09 07:18
Analyst: TT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG395058-2				
Tentatively Identified Compounds				
No Tentatively Identified Compounds	ND		ug/l	

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	102		80-120
4-Bromofluorobenzene	95		80-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PK SOUTH

Project Number: 12700058

Lab Number: L0918777

Report Date: 01/05/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG395058-1								
Methylene chloride	96		-		70-130	-		
1,1-Dichloroethane	103		-		70-130	-		
Chloroform	108		-		70-130	-		
Carbon tetrachloride	115		-		70-130	-		
1,2-Dichloropropane	106		-		70-130	-		
Dibromochloromethane	111		-		70-130	-		
1,1,2-Trichloroethane	107		-		70-130	-		
Tetrachloroethene	111		-		70-130	-		
Chlorobenzene	106		-		70-130	-		
Trichlorofluoromethane	115		-		70-130	-		
1,2-Dichloroethane	118		-		70-130	-		
1,1,1-Trichloroethane	116		-		70-130	-		
Bromodichloromethane	111		-		70-130	-		
trans-1,3-Dichloropropene	110		-		70-130	-		
cis-1,3-Dichloropropene	112		-		70-130	-		
Bromoform	119		-		70-130	-		
1,1,2,2-Tetrachloroethane	105		-		70-130	-		
Benzene	104		-		70-130	-		
Toluene	104		-		70-130	-		
Ethylbenzene	105		-		70-130	-		
p/m-Xylene	106		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PK SOUTH

Project Number: 12700058

Lab Number: L0918777

Report Date: 01/05/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG395058-1								
Chloromethane	104		-		70-130	-		
Bromomethane	91		-		70-130	-		
Vinyl chloride	101		-		70-130	-		
Chloroethane	102		-		70-130	-		
1,1-Dichloroethene	100		-		70-130	-		
trans-1,2-Dichloroethene	101		-		70-130	-		
cis-1,2-Dichloroethene	103		-		70-130	-		
Trichloroethene	110		-		70-130	-		
1,2-Dichlorobenzene	104		-		70-130	-		
1,3-Dichlorobenzene	107		-		70-130	-		
1,4-Dichlorobenzene	105		-		70-130	-		
Styrene	104		-		70-130	-		
o-Xylene	104		-		70-130	-		
1,1-Dichloropropene	107		-		70-130	-		
2,2-Dichloropropane	114		-		70-130	-		
1,1,1,2-Tetrachloroethane	117		-		70-130	-		
1,2,3-Trichloropropane	115		-		70-130	-		
Bromochloromethane	106		-		70-130	-		
n-Butylbenzene	99		-		70-130	-		
Dichlorodifluoromethane	115		-		70-130	-		
Hexachlorobutadiene	110		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PK SOUTH

Project Number: 12700058

Lab Number: L0918777

Report Date: 01/05/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG395058-1								
Isopropylbenzene	107		-		70-130	-		
p-Isopropyltoluene	109		-		70-130	-		
Naphthalene	72		-		70-130	-		
n-Propylbenzene	103		-		70-130	-		
sec-Butylbenzene	104		-		70-130	-		
tert-Butylbenzene	109		-		70-130	-		
1,2,3-Trichlorobenzene	89		-		70-130	-		
1,2,4-Trichlorobenzene	91		-		70-130	-		
1,2,4-Trimethylbenzene	110		-		70-130	-		
1,3,5-Trimethylbenzene	110		-		70-130	-		
Bromobenzene	109		-		70-130	-		
o-Chlorotoluene	111		-		70-130	-		
p-Chlorotoluene	107		-		70-130	-		
Dibromomethane	101		-		70-130	-		
1,2-Dibromoethane	111		-		70-130	-		
1,2-Dibromo-3-chloropropane	99		-		70-130	-		
1,3-Dichloropropane	103		-		70-130	-		
Methyl tert butyl ether	114		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PK SOUTH

Project Number: 12700058

Lab Number: L0918777

Report Date: 01/05/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG395058-1								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichlorobenzene-d4	100				80-120
4-Bromofluorobenzene	101				80-120

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L0918777
Report Date: 01/05/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG395058-3 QC Sample: L0918740-01 Client ID: MS Sample												
Methylene chloride	ND	4	4.0	101		-	-		70-130	-		20
1,1-Dichloroethane	ND	4	4.4	110		-	-		70-130	-		20
Chloroform	ND	4	4.5	112		-	-		70-130	-		20
Carbon tetrachloride	ND	4	4.9	123		-	-		70-130	-		20
1,2-Dichloropropane	ND	4	4.4	110		-	-		70-130	-		20
Dibromochloromethane	ND	4	4.0	101		-	-		70-130	-		20
1,1,2-Trichloroethane	ND	4	4.2	104		-	-		70-130	-		20
Tetrachloroethene	ND	4	4.6	114		-	-		70-130	-		20
Chlorobenzene	ND	4	4.4	110		-	-		70-130	-		20
Trichlorofluoromethane	ND	4	5.0	124		-	-		70-130	-		20
1,2-Dichloroethane	ND	4	4.7	117		-	-		70-130	-		20
1,1,1-Trichloroethane	ND	4	5.2	130		-	-		70-130	-		20
Bromodichloromethane	ND	4	4.3	108		-	-		70-130	-		20
trans-1,3-Dichloropropene	ND	4	4.0	99		-	-		70-130	-		20
cis-1,3-Dichloropropene	ND	4	4.6	115		-	-		70-130	-		20
Bromoform	ND	4	4.0	101		-	-		70-130	-		20
1,1,2,2-Tetrachloroethane	ND	4	4.0	99		-	-		70-130	-		20
Benzene	ND	4	4.2	106		-	-		70-130	-		20
Toluene	ND	4	4.4	109		-	-		70-130	-		20
Ethylbenzene	ND	4	4.3	107		-	-		70-130	-		20
p/m-Xylene	ND	8	8.6	108		-	-		70-130	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L0918777
Report Date: 01/05/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG395058-3 QC Sample: L0918740-01 Client ID: MS Sample												
Chloromethane	ND	4	3.6	91		-	-		70-130	-		20
Bromomethane	ND	4	4.0	101		-	-		70-130	-		20
Vinyl chloride	ND	4	5.0	125		-	-		70-130	-		20
Chloroethane	ND	4	4.4	111		-	-		70-130	-		20
1,1-Dichloroethene	ND	4	4.5	114		-	-		70-130	-		20
trans-1,2-Dichloroethene	ND	4	4.2	106		-	-		70-130	-		20
cis-1,2-Dichloroethene	ND	4	4.2	105		-	-		70-130	-		20
Trichloroethene	ND	4	4.5	113		-	-		70-130	-		20
1,2-Dichlorobenzene	ND	4	4.0	99		-	-		70-130	-		20
1,3-Dichlorobenzene	ND	4	4.1	102		-	-		70-130	-		20
1,4-Dichlorobenzene	ND	4	4.0	100		-	-		70-130	-		20
Styrene	ND	4	3.9	97		-	-		70-130	-		20
o-Xylene	ND	4	4.1	104		-	-		70-130	-		20
1,1-Dichloropropene	ND	4	4.4	111		-	-		70-130	-		20
2,2-Dichloropropane	ND	4	4.8	120		-	-		70-130	-		20
1,1,1,2-Tetrachloroethane	ND	4	4.6	115		-	-		70-130	-		20
1,2,3-Trichloropropane	ND	4	4.1	102		-	-		70-130	-		20
Bromochloromethane	ND	4	4.2	104		-	-		70-130	-		20
n-Butylbenzene	ND	4	4.0	99		-	-		70-130	-		20
Dichlorodifluoromethane	ND	4	3.9	98		-	-		70-130	-		20
Hexachlorobutadiene	ND	4	4.3	108		-	-		70-130	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L0918777
Report Date: 01/05/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG395058-3 QC Sample: L0918740-01 Client ID: MS Sample												
Isopropylbenzene	ND	4	3.8	96		-	-		70-130	-		20
p-Isopropyltoluene	ND	4	4.3	107		-	-		70-130	-		20
Naphthalene	ND	4	2.6	**65**	Q	-	-		70-130	-		20
n-Propylbenzene	ND	4	4.2	106		-	-		70-130	-		20
sec-Butylbenzene	ND	4	4.3	108		-	-		70-130	-		20
tert-Butylbenzene	ND	4	4.5	112		-	-		70-130	-		20
1,2,3-Trichlorobenzene	ND	4	3.3	82		-	-		70-130	-		20
1,2,4-Trichlorobenzene	ND	4	3.2	81		-	-		70-130	-		20
1,2,4-Trimethylbenzene	ND	4	4.4	110		-	-		70-130	-		20
1,3,5-Trimethylbenzene	ND	4	4.4	111		-	-		70-130	-		20
Bromobenzene	ND	4	4.3	108		-	-		70-130	-		20
o-Chlorotoluene	ND	4	4.4	110		-	-		70-130	-		20
p-Chlorotoluene	ND	4	4.2	105		-	-		70-130	-		20
Dibromomethane	ND	4	4.2	106		-	-		70-130	-		20
1,2-Dibromoethane	ND	4	4.4	109		-	-		70-130	-		20
1,2-Dibromo-3-chloropropane	ND	4	3.7	93		-	-		70-130	-		20
1,3-Dichloropropane	ND	4	4.1	104		-	-		70-130	-		20
Methyl tert butyl ether	ND	4	4.4	109		-	-		70-130	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L0918777
Report Date: 01/05/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG395058-3 QC Sample: L0918740-01 Client ID: MS Sample

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	98				80-120
4-Bromofluorobenzene	102				80-120

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L0918777
Report Date: 01/05/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG395058-4 QC Sample: L0918783-02 Client ID: DUP Sample						
Methylene chloride	ND	ND	ug/l	NC		20
1,1-Dichloroethane	ND	ND	ug/l	NC		20
Chloroform	ND	ND	ug/l	NC		20
Carbon tetrachloride	ND	ND	ug/l	NC		20
1,2-Dichloropropane	ND	ND	ug/l	NC		20
Dibromochloromethane	ND	ND	ug/l	NC		20
1,1,2-Trichloroethane	ND	ND	ug/l	NC		20
Tetrachloroethene	ND	ND	ug/l	NC		20
Chlorobenzene	ND	ND	ug/l	NC		20
Trichlorofluoromethane	ND	ND	ug/l	NC		20
1,2-Dichloroethane	ND	ND	ug/l	NC		20
1,1,1-Trichloroethane	ND	ND	ug/l	NC		20
Bromodichloromethane	ND	ND	ug/l	NC		20
trans-1,3-Dichloropropene	ND	ND	ug/l	NC		20
cis-1,3-Dichloropropene	ND	ND	ug/l	NC		20
Bromoform	ND	ND	ug/l	NC		20
1,1,2,2-Tetrachloroethane	ND	ND	ug/l	NC		20
Benzene	ND	ND	ug/l	NC		20
Toluene	ND	ND	ug/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L0918777
Report Date: 01/05/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG395058-4 QC Sample: L0918783-02 Client ID: DUP Sample					
Ethylbenzene	ND	ND	ug/l	NC	20
p/m-Xylene	ND	ND	ug/l	NC	20
Chloromethane	ND	ND	ug/l	NC	20
Bromomethane	ND	ND	ug/l	NC	20
Vinyl chloride	ND	ND	ug/l	NC	20
Chloroethane	ND	ND	ug/l	NC	20
1,1-Dichloroethene	ND	ND	ug/l	NC	20
trans-1,2-Dichloroethene	ND	ND	ug/l	NC	20
cis-1,2-Dichloroethene	ND	ND	ug/l	NC	20
Trichloroethene	ND	ND	ug/l	NC	20
1,2-Dichlorobenzene	ND	ND	ug/l	NC	20
1,3-Dichlorobenzene	ND	ND	ug/l	NC	20
1,4-Dichlorobenzene	ND	ND	ug/l	NC	20
Styrene	ND	ND	ug/l	NC	20
o-Xylene	ND	ND	ug/l	NC	20
1,1-Dichloropropene	ND	ND	ug/l	NC	20
2,2-Dichloropropane	ND	ND	ug/l	NC	20
1,1,1,2-Tetrachloroethane	ND	ND	ug/l	NC	20
1,2,3-Trichloropropane	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L0918777
Report Date: 01/05/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG395058-4 QC Sample: L0918783-02 Client ID: DUP Sample					
Bromochloromethane	ND	ND	ug/l	NC	20
n-Butylbenzene	ND	ND	ug/l	NC	20
Dichlorodifluoromethane	ND	ND	ug/l	NC	20
Hexachlorobutadiene	ND	ND	ug/l	NC	20
Isopropylbenzene	ND	ND	ug/l	NC	20
p-Isopropyltoluene	ND	ND	ug/l	NC	20
Naphthalene	ND	ND	ug/l	NC	20
n-Propylbenzene	ND	ND	ug/l	NC	20
sec-Butylbenzene	ND	ND	ug/l	NC	20
tert-Butylbenzene	ND	ND	ug/l	NC	20
1,2,3-Trichlorobenzene	ND	ND	ug/l	NC	20
1,2,4-Trichlorobenzene	ND	ND	ug/l	NC	20
1,2,4-Trimethylbenzene	ND	ND	ug/l	NC	20
1,3,5-Trimethylbenzene	ND	ND	ug/l	NC	20
Bromobenzene	ND	ND	ug/l	NC	20
o-Chlorotoluene	ND	ND	ug/l	NC	20
p-Chlorotoluene	ND	ND	ug/l	NC	20
Dibromomethane	ND	ND	ug/l	NC	20
1,2-Dibromoethane	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L0918777
Report Date: 01/05/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG395058-4 QC Sample: L0918783-02 Client ID: DUP Sample					
1,2-Dibromo-3-chloropropane	ND	ND	ug/l	NC	20
1,3-Dichloropropane	ND	ND	ug/l	NC	20
Methyl tert butyl ether	1.4	1.4	ug/l	0	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	102		101		80-120
4-Bromofluorobenzene	93		94		80-120

METALS

Project Name: WALPOLE PK SOUTH
Lab Number: L0918777
Project Number: 12700058
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-01
Client ID: MW-9
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 12/21/09 10:12
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 18:56	EPA 3005A	64,6020A	TD
Arsenic, Dissolved	ND		mg/l	0.005	1	01/04/10 11:15	01/04/10 17:57	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.056		mg/l	0.010	1	01/04/10 11:15	01/04/10 17:57	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 17:57	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 17:57	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	01/04/10 11:15	01/04/10 17:57	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 17:57	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	12/30/09 13:20	12/31/09 11:09	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	01/04/10 11:15	01/04/10 17:57	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 17:57	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	01/04/10 11:15	01/04/10 17:57	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 18:56	EPA 3005A	64,6020A	TD
Vanadium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 17:57	EPA 3005A	60,6010B	AI
Zinc, Dissolved	0.052		mg/l	0.050	1	01/04/10 11:15	01/04/10 17:57	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-02
Client ID: RIZ-8
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 12/21/09 11:05
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:20	EPA 3005A	64,6020A	TD
Arsenic, Dissolved	0.005		mg/l	0.005	1	01/04/10 11:15	01/04/10 18:00	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.031		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:00	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 18:00	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 18:00	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	01/04/10 11:15	01/04/10 18:00	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:00	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	12/30/09 13:20	12/31/09 11:11	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	01/04/10 11:15	01/04/10 18:00	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:00	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	01/04/10 11:15	01/04/10 18:00	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:20	EPA 3005A	64,6020A	TD
Vanadium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:00	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	01/04/10 11:15	01/04/10 18:00	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-03
Client ID: GHC-6
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 12/28/09 08:25
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:26	EPA 3005A	64,6020A	TD
Arsenic, Dissolved	ND		mg/l	0.005	1	01/04/10 11:15	01/04/10 18:04	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.039		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:04	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 18:04	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 18:04	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	01/04/10 11:15	01/04/10 18:04	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:04	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	12/30/09 13:20	12/31/09 11:13	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	01/04/10 11:15	01/04/10 18:04	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:04	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	01/04/10 11:15	01/04/10 18:04	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:26	EPA 3005A	64,6020A	TD
Vanadium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:04	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	01/04/10 11:15	01/04/10 18:04	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-04
Client ID: RIZ-3
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 12/28/09 09:03
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:32	EPA 3005A	64,6020A	TD
Arsenic, Dissolved	ND		mg/l	0.005	1	01/04/10 11:15	01/04/10 18:07	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.177		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:07	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 18:07	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 18:07	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	01/04/10 11:15	01/04/10 18:07	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:07	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	12/30/09 13:20	12/31/09 11:15	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	01/04/10 11:15	01/04/10 18:07	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:07	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	01/04/10 11:15	01/04/10 18:07	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:32	EPA 3005A	64,6020A	TD
Vanadium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:07	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	01/04/10 11:15	01/04/10 18:07	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-05
Client ID: RIZ-9
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 12/28/09 10:00
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:38	EPA 3005A	64,6020A	TD
Arsenic, Dissolved	ND		mg/l	0.005	1	01/04/10 11:15	01/04/10 18:10	EPA 3005A	60,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:10	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 18:10	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 18:10	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	01/04/10 11:15	01/04/10 18:10	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:10	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	12/30/09 13:20	12/31/09 11:16	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	01/04/10 11:15	01/04/10 18:10	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:10	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	01/04/10 11:15	01/04/10 18:10	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:38	EPA 3005A	64,6020A	TD
Vanadium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:10	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	01/04/10 11:15	01/04/10 18:10	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-06
Client ID: RIZ-10
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 12/28/09 10:43
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:44	EPA 3005A	64,6020A	TD
Arsenic, Dissolved	ND		mg/l	0.005	1	01/04/10 11:15	01/04/10 18:14	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.099		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:14	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 18:14	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 18:14	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	01/04/10 11:15	01/04/10 18:14	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:14	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	12/30/09 13:20	12/31/09 11:55	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	01/04/10 11:15	01/04/10 18:14	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:14	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	01/04/10 11:15	01/04/10 18:14	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:44	EPA 3005A	64,6020A	TD
Vanadium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:14	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	01/04/10 11:15	01/04/10 18:14	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PK SOUTH
Lab Number: L0918777
Project Number: 12700058
Report Date: 01/05/10

SAMPLE RESULTS

Lab ID: L0918777-07
Client ID: MW-3
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 12/28/09 11:50
Date Received: 12/29/09
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab										
Antimony, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:50	EPA 3005A	64,6020A	TD
Arsenic, Dissolved	ND		mg/l	0.005	1	01/04/10 11:15	01/04/10 18:17	EPA 3005A	60,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:17	EPA 3005A	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 18:17	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 18:17	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	01/04/10 11:15	01/04/10 18:17	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:17	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	12/30/09 13:20	12/31/09 11:56	EPA 7470A	64,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	1	01/04/10 11:15	01/04/10 18:17	EPA 3005A	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:17	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	01/04/10 11:15	01/04/10 18:17	EPA 3005A	60,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	4	12/30/09 09:40	12/30/09 19:50	EPA 3005A	64,6020A	TD
Vanadium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 18:17	EPA 3005A	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	01/04/10 11:15	01/04/10 18:17	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PK SOUTH **Lab Number:** L0918777

Project Number: 12700058 **Report Date:** 01/05/10

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01-07 Batch: WG395110-1									
Antimony, Dissolved	ND		mg/l	0.0005	1	12/30/09 09:40	12/30/09 18:32	64,6020A	TD
Thallium, Dissolved	ND		mg/l	0.0005	1	12/30/09 09:40	12/30/09 18:32	64,6020A	TD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01-07 Batch: WG395135-1									
Mercury, Dissolved	ND		mg/l	0.0002	1	12/30/09 13:20	12/31/09 10:53	64,7470A	EZ

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01-07 Batch: WG395350-1									
Arsenic, Dissolved	ND		mg/l	0.005	1	01/04/10 11:15	01/04/10 17:15	60,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 17:15	60,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 17:15	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	01/04/10 11:15	01/04/10 17:15	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	01/04/10 11:15	01/04/10 17:15	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 17:15	60,6010B	AI
Nickel, Dissolved	ND		mg/l	0.025	1	01/04/10 11:15	01/04/10 17:15	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 17:15	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	01/04/10 11:15	01/04/10 17:15	60,6010B	AI
Vanadium, Dissolved	ND		mg/l	0.010	1	01/04/10 11:15	01/04/10 17:15	60,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	1	01/04/10 11:15	01/04/10 17:15	60,6010B	AI

Project Name: WALPOLE PK SOUTH
Project Number: 12700058
Lab Number: L0918777
Report Date: 01/05/10

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PK SOUTH

Project Number: 12700058

Lab Number: L0918777

Report Date: 01/05/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01-07 Batch: WG395110-2 WG395110-3								
Antimony, Dissolved	97		94		80-120	3		20
Thallium, Dissolved	97		96		80-120	1		20
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01-07 Batch: WG395135-2 WG395135-3								
Mercury, Dissolved	98		106		80-120	8		20
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01-07 Batch: WG395350-2 WG395350-3								
Arsenic, Dissolved	110		109		80-120	1		20
Barium, Dissolved	100		98		80-120	2		20
Beryllium, Dissolved	105		101		80-120	4		20
Cadmium, Dissolved	108		108		80-120	0		20
Chromium, Dissolved	100		105		80-120	5		20
Lead, Dissolved	106		106		80-120	0		20
Nickel, Dissolved	101		101		80-120	0		20
Selenium, Dissolved	110		112		80-120	2		20
Silver, Dissolved	103		105		80-120	2		20
Vanadium, Dissolved	102		104		80-120	2		20
Zinc, Dissolved	109		108		80-120	1		20

Project Name: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L0918777
Report Date: 01/05/10

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis
L0918777-01A	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)
L0918777-01C	Plastic 500ml HNO3 preserved	A	<2	5	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0918777-02A	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)
L0918777-02B	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)
L0918777-02C	Plastic 500ml HNO3 preserved	A	<2	5	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0918777-03A	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)
L0918777-03B	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)
L0918777-03C	Plastic 500ml HNO3 preserved	A	<2	5	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0918777-04A	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)
L0918777-04B	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)

*Hold days indicated by values in parentheses

Project Name: WALPOLE PK SOUTH
Project Number: 12700058

Lab Number: L0918777
Report Date: 01/05/10

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis
L0918777-04C	Plastic 500ml HNO3 preserved	A	<2	5	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0918777-05A	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)
L0918777-05B	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)
L0918777-05C	Plastic 500ml HNO3 preserved	A	<2	5	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0918777-06A	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)
L0918777-06B	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)
L0918777-06C	Plastic 500ml HNO3 preserved	A	<2	5	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0918777-07A	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)
L0918777-07B	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)
L0918777-07C	Plastic 500ml HNO3 preserved	A	<2	5	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SB-6020S(180),MCP-SE-6010S(180),MCP-BE-6010S(180),MCP-NI-6010S(180),MCP-CD-6010S(180),MCP-TL-6020S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-ZN-6010S(180),MCP-AS-6010S(180),MCP-V-6010S(180)
L0918777-08A	Vial Ascorbic Acid/HCl preserved	A	N/A	5	Y	Absent	524.2(14)

*Hold days indicated by values in parentheses

Project Name:	WALPOLE PK SOUTH	**Lab Number:**	L0918777
Project Number:	12700058	**Report Date:**	01/05/10

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

REFERENCES

16 Methods for the Determination of Organic Compounds in Drinking Water - Supplement II. EPA/600/R-92/129, August 1992.

60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

64 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). August 2004.

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 December 1, 2009 - 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,Ti,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, 4500CN-CE, 2540D, 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 1

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: 12/29/09

ALPHA Job #: L0918777

01051013:50

Client Information

Client: Tetra Tech Rizzo

Address: One Grant St
Framingham, MA

Phone: 508 903-2039

Fax: 508 903-2001

Email: ian.cannan@tetratech.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Walpole PK South

Project Location: Walpole, MA

Project #: 12700058

Project Manager: Ray Johnson / Ian Cannan

ALPHA Quote #:

Turn-Around Time

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

Date Due: 1/6/10 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l. Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program: MA MCP

Criteria: CAM GW-1

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:

DLs ≤ RCGW-1

ANALYSIS: VOCs 524.2; Misc. MCP 14 metals

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	VOCs	Misc. MCP 14 metals	Sample Specific Comments	TOTAL # BOTTLES
18777-1	MW-9	12/21/9	1012	GW	JSC	X	X	metals field-filtered	3
2	RIZ-8	↓	1105					using 0.45um filter	2
3	GHC-6	12/23/9	0825						3
4	RIZ-3		0903						
5	RIZ-9		1000						
6	RIZ-10		1043						
7	MW-3	↓	1150	↓	↓	↓	↓		↓
8	Trip blank	12/16/9	–	Blank	Alpha	X			1

Container Type	V	P																	
Preservative	HCl	N																	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	12/29/09 1120		12/29/09 1120
	12/29/09 1255		12/29/09 1255

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)

ANALYTICAL REPORT

Lab Number:	L1004931
Client:	Tetra Tech Rizzo 1 Grant Street Framingham, MA 01701-9005
ATTN:	Ian Cannan
Phone:	(508) 903-2039
Project Name:	WALPOLE PARK SOUTH
Project Number:	12700058
Report Date:	04/15/10

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: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1004931-01	GHC-5	WALPOLE, MA	04/07/10 12:32
L1004931-02	GHC-5-A	WALPOLE, MA	04/07/10 12:56
L1004931-03	GHC-5-B	WALPOLE, MA	04/07/10 12:57
L1004931-04	GHC-5-C	WALPOLE, MA	04/07/10 12:58
L1004931-05	RIZ-2	WALPOLE, MA	04/07/10 13:39
L1004931-06	RIZ-2-A	WALPOLE, MA	04/07/10 13:55
L1004931-07	RIZ-2-B	WALPOLE, MA	04/07/10 13:56
L1004931-08	RIZ-2-C	WALPOLE, MA	04/07/10 13:57
L1004931-09	RIZ-10	WALPOLE, MA	04/07/10 14:19
L1004931-10	RIZ-10-A	WALPOLE, MA	04/07/10 14:32
L1004931-11	RIZ-10-B	WALPOLE, MA	04/07/10 14:33
L1004931-12	RIZ-10-C	WALPOLE, MA	04/07/10 14:34

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

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?	N/A

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?	YES
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	NO

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: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

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. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of 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

Sample Receipt

The samples were Field Filtered for Dissolved Metals only.

The date collected for L1004931-01 through -04 was obtained from the sample labels.

Metals

In reference to question F:

All samples were analyzed for a subset of MCP elements per the Chain of Custody.

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931
Project Number: 12700058 **Report Date:** 04/15/10

Case Narrative (continued)

Non-MCP Related Narratives

Phenolics, Total

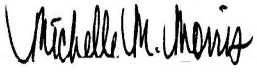
L1004931-01 and -09 have elevated detection limits due to the dilutions required by the sample matrices.

Coliform, Fecal (MF)

L1004931-02, -03, -04, -10, -11 and -12 have elevated detection limits due to the dilutions required by the sample matrices.

L1004931-06, -07 and -08 have elevated detection limits due to the dilutions required by the method.

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: 

Title: Technical Director/Representative Date: 04/15/10

ORGANICS

VOLATILES

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-01
Client ID: GHC-5
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 04/09/10 17:33
Analyst: TT

Date Collected: 04/07/10 12:32
Date Received: 04/07/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-01 Date Collected: 04/07/10 12:32

Client ID: GHC-5 Date Received: 04/07/10

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	103		80-120
4-Bromofluorobenzene	89		80-120

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

SAMPLE RESULTS

Lab ID:	L1004931-05	Date Collected:	04/07/10 13:39
Client ID:	RIZ-2	Date Received:	04/07/10
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	16,524.2		
Analytical Date:	04/09/10 18:05		
Analyst:	TT		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-05 Date Collected: 04/07/10 13:39

Client ID: RIZ-2 Date Received: 04/07/10

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	104		80-120
4-Bromofluorobenzene	92		80-120

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

SAMPLE RESULTS

Lab ID:	L1004931-09	Date Collected:	04/07/10 14:19
Client ID:	RIZ-10	Date Received:	04/07/10
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative
Matrix:	Water		
Analytical Method:	16,524.2		
Analytical Date:	04/09/10 18:38		
Analyst:	TT		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
Methylene chloride	ND		ug/l	0.50	1
1,1-Dichloroethane	ND		ug/l	0.50	1
Chloroform	ND		ug/l	0.50	1
Carbon tetrachloride	ND		ug/l	0.50	1
1,2-Dichloropropane	ND		ug/l	0.50	1
Dibromochloromethane	ND		ug/l	0.50	1
1,1,2-Trichloroethane	ND		ug/l	0.50	1
Tetrachloroethene	ND		ug/l	0.50	1
Chlorobenzene	ND		ug/l	0.50	1
Trichlorofluoromethane	ND		ug/l	0.50	1
1,2-Dichloroethane	ND		ug/l	0.50	1
1,1,1-Trichloroethane	ND		ug/l	0.50	1
Bromodichloromethane	ND		ug/l	0.50	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	1
Bromoform	ND		ug/l	0.50	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	1
Benzene	ND		ug/l	0.50	1
Toluene	ND		ug/l	0.50	1
Ethylbenzene	ND		ug/l	0.50	1
p/m-Xylene	ND		ug/l	0.50	1
Chloromethane	ND		ug/l	0.50	1
Bromomethane	ND		ug/l	0.50	1
Vinyl chloride	ND		ug/l	0.50	1
Chloroethane	ND		ug/l	0.50	1
1,1-Dichloroethene	ND		ug/l	0.50	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	1
Trichloroethene	ND		ug/l	0.50	1
1,2-Dichlorobenzene	ND		ug/l	0.50	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-09 Date Collected: 04/07/10 14:19

Client ID: RIZ-10 Date Received: 04/07/10

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab					
1,3-Dichlorobenzene	ND		ug/l	0.50	1
1,4-Dichlorobenzene	ND		ug/l	0.50	1
Styrene	ND		ug/l	0.50	1
o-Xylene	ND		ug/l	0.50	1
1,1-Dichloropropene	ND		ug/l	0.50	1
2,2-Dichloropropane	ND		ug/l	0.50	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	1
1,2,3-Trichloropropane	ND		ug/l	0.50	1
Bromochloromethane	ND		ug/l	0.50	1
n-Butylbenzene	ND		ug/l	0.50	1
Dichlorodifluoromethane	ND		ug/l	0.50	1
Hexachlorobutadiene	ND		ug/l	0.50	1
Isopropylbenzene	ND		ug/l	0.50	1
p-Isopropyltoluene	ND		ug/l	0.50	1
Naphthalene	ND		ug/l	0.50	1
n-Propylbenzene	ND		ug/l	0.50	1
sec-Butylbenzene	ND		ug/l	0.50	1
tert-Butylbenzene	ND		ug/l	0.50	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	1
Bromobenzene	ND		ug/l	0.50	1
o-Chlorotoluene	ND		ug/l	0.50	1
p-Chlorotoluene	ND		ug/l	0.50	1
Dibromomethane	ND		ug/l	0.50	1
1,2-Dibromoethane	ND		ug/l	0.50	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	1
1,3-Dichloropropane	ND		ug/l	0.50	1
Methyl tert butyl ether	ND		ug/l	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	104		80-120
4-Bromofluorobenzene	89		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 04/09/10 13:54
Analyst: TT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,05,09 Batch: WG407461-2				
Methylene chloride	ND		ug/l	0.50
1,1-Dichloroethane	ND		ug/l	0.50
Chloroform	ND		ug/l	0.50
Carbon tetrachloride	ND		ug/l	0.50
1,2-Dichloropropane	ND		ug/l	0.50
Dibromochloromethane	ND		ug/l	0.50
1,1,2-Trichloroethane	ND		ug/l	0.50
Tetrachloroethene	ND		ug/l	0.50
Chlorobenzene	ND		ug/l	0.50
Trichlorofluoromethane	ND		ug/l	0.50
1,2-Dichloroethane	ND		ug/l	0.50
1,1,1-Trichloroethane	ND		ug/l	0.50
Bromodichloromethane	ND		ug/l	0.50
trans-1,3-Dichloropropene	ND		ug/l	0.50
cis-1,3-Dichloropropene	ND		ug/l	0.50
Bromoform	ND		ug/l	0.50
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50
Benzene	ND		ug/l	0.50
Toluene	ND		ug/l	0.50
Ethylbenzene	ND		ug/l	0.50
p/m-Xylene	ND		ug/l	0.50
Chloromethane	ND		ug/l	0.50
Bromomethane	ND		ug/l	0.50
Vinyl chloride	ND		ug/l	0.50
Chloroethane	ND		ug/l	0.50
1,1-Dichloroethene	ND		ug/l	0.50
trans-1,2-Dichloroethene	ND		ug/l	0.50
cis-1,2-Dichloroethene	ND		ug/l	0.50
Trichloroethene	ND		ug/l	0.50
1,2-Dichlorobenzene	ND		ug/l	0.50
1,3-Dichlorobenzene	ND		ug/l	0.50

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 04/09/10 13:54
Analyst: TT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,05,09 Batch: WG407461-2				
1,4-Dichlorobenzene	ND		ug/l	0.50
Styrene	ND		ug/l	0.50
o-Xylene	ND		ug/l	0.50
1,1-Dichloropropene	ND		ug/l	0.50
2,2-Dichloropropane	ND		ug/l	0.50
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50
1,2,3-Trichloropropane	ND		ug/l	0.50
Bromochloromethane	ND		ug/l	0.50
n-Butylbenzene	ND		ug/l	0.50
Dichlorodifluoromethane	ND		ug/l	0.50
Hexachlorobutadiene	ND		ug/l	0.50
Isopropylbenzene	ND		ug/l	0.50
p-Isopropyltoluene	ND		ug/l	0.50
Naphthalene	ND		ug/l	0.50
n-Propylbenzene	ND		ug/l	0.50
sec-Butylbenzene	ND		ug/l	0.50
tert-Butylbenzene	ND		ug/l	0.50
1,2,3-Trichlorobenzene	ND		ug/l	0.50
1,2,4-Trichlorobenzene	ND		ug/l	0.50
1,2,4-Trimethylbenzene	ND		ug/l	0.50
1,3,5-Trimethylbenzene	ND		ug/l	0.50
Bromobenzene	ND		ug/l	0.50
o-Chlorotoluene	ND		ug/l	0.50
p-Chlorotoluene	ND		ug/l	0.50
Dibromomethane	ND		ug/l	0.50
1,2-Dibromoethane	ND		ug/l	0.50
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50
1,3-Dichloropropane	ND		ug/l	0.50
Methyl tert butyl ether	ND		ug/l	0.50

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 04/09/10 13:54
Analyst: TT

Parameter	Result	Qualifier	Units	RDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,05,09 Batch: WG407461-2				
Tentatively Identified Compounds				
No Tentatively Identified Compounds	ND		ug/l	

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	102		80-120
4-Bromofluorobenzene	93		80-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058

Lab Number: L1004931

Report Date: 04/15/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407461-1								
Methylene chloride	97		-		70-130	-		
1,1-Dichloroethane	101		-		70-130	-		
Chloroform	104		-		70-130	-		
Carbon tetrachloride	98		-		70-130	-		
1,2-Dichloropropane	102		-		70-130	-		
Dibromochloromethane	113		-		70-130	-		
1,1,2-Trichloroethane	120		-		70-130	-		
Tetrachloroethene	119		-		70-130	-		
Chlorobenzene	94		-		70-130	-		
Trichlorofluoromethane	97		-		70-130	-		
1,2-Dichloroethane	102		-		70-130	-		
1,1,1-Trichloroethane	102		-		70-130	-		
Bromodichloromethane	98		-		70-130	-		
trans-1,3-Dichloropropene	115		-		70-130	-		
cis-1,3-Dichloropropene	111		-		70-130	-		
Bromoform	88		-		70-130	-		
1,1,2,2-Tetrachloroethane	95		-		70-130	-		
Benzene	106		-		70-130	-		
Toluene	125		-		70-130	-		
Ethylbenzene	92		-		70-130	-		
p/m-Xylene	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058

Lab Number: L1004931

Report Date: 04/15/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407461-1								
Chloromethane	96		-		70-130	-		
Bromomethane	93		-		70-130	-		
Vinyl chloride	106		-		70-130	-		
Chloroethane	88		-		70-130	-		
1,1-Dichloroethene	96		-		70-130	-		
trans-1,2-Dichloroethene	97		-		70-130	-		
cis-1,2-Dichloroethene	107		-		70-130	-		
Trichloroethene	101		-		70-130	-		
1,2-Dichlorobenzene	105		-		70-130	-		
1,3-Dichlorobenzene	104		-		70-130	-		
1,4-Dichlorobenzene	104		-		70-130	-		
Styrene	94		-		70-130	-		
o-Xylene	94		-		70-130	-		
1,1-Dichloropropene	103		-		70-130	-		
2,2-Dichloropropane	102		-		70-130	-		
1,1,1,2-Tetrachloroethane	88		-		70-130	-		
1,2,3-Trichloropropane	84		-		70-130	-		
Bromochloromethane	109		-		70-130	-		
n-Butylbenzene	104		-		70-130	-		
Dichlorodifluoromethane	90		-		70-130	-		
Hexachlorobutadiene	103		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058

Lab Number: L1004931

Report Date: 04/15/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407461-1								
Isopropylbenzene	92		-		70-130	-		
p-Isopropyltoluene	91		-		70-130	-		
Naphthalene	93		-		70-130	-		
n-Propylbenzene	91		-		70-130	-		
sec-Butylbenzene	92		-		70-130	-		
tert-Butylbenzene	92		-		70-130	-		
1,2,3-Trichlorobenzene	102		-		70-130	-		
1,2,4-Trichlorobenzene	101		-		70-130	-		
1,2,4-Trimethylbenzene	94		-		70-130	-		
1,3,5-Trimethylbenzene	92		-		70-130	-		
Bromobenzene	92		-		70-130	-		
o-Chlorotoluene	91		-		70-130	-		
p-Chlorotoluene	93		-		70-130	-		
Dibromomethane	105		-		70-130	-		
1,2-Dibromoethane	114		-		70-130	-		
1,2-Dibromo-3-chloropropane	99		-		70-130	-		
1,3-Dichloropropane	128		-		70-130	-		
Methyl tert butyl ether	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058

Lab Number: L1004931

Report Date: 04/15/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407461-1								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichlorobenzene-d4	98				80-120
4-Bromofluorobenzene	89				80-120

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407461-5 QC Sample: L1004819-01 Client ID: MS Sample												
Methylene chloride	ND	4	3.9	97		-	-		70-130	-		20
1,1-Dichloroethane	ND	4	4.4	111		-	-		70-130	-		20
Chloroform	ND	4	4.7	117		-	-		70-130	-		20
Carbon tetrachloride	ND	4	4.8	120		-	-		70-130	-		20
1,2-Dichloropropane	ND	4	4.6	114		-	-		70-130	-		20
Dibromochloromethane	ND	4	4.9	123		-	-		70-130	-		20
1,1,2-Trichloroethane	ND	4	5.4	**136**	Q	-	-		70-130	-		20
Tetrachloroethene	ND	4	5.4	**136**	Q	-	-		70-130	-		20
Chlorobenzene	ND	4	4.6	115		-	-		70-130	-		20
Trichlorofluoromethane	ND	4	4.6	115		-	-		70-130	-		20
1,2-Dichloroethane	ND	4	4.6	115		-	-		70-130	-		20
1,1,1-Trichloroethane	ND	4	4.9	123		-	-		70-130	-		20
Bromodichloromethane	ND	4	4.4	109		-	-		70-130	-		20
trans-1,3-Dichloropropene	ND	4	4.4	111		-	-		70-130	-		20
cis-1,3-Dichloropropene	ND	4	5.0	124		-	-		70-130	-		20
Bromoform	ND	4	4.0	100		-	-		70-130	-		20
1,1,2,2-Tetrachloroethane	ND	4	4.6	114		-	-		70-130	-		20
Benzene	ND	4	4.4	111		-	-		70-130	-		20
Toluene	ND	4	5.3	**133**	Q	-	-		70-130	-		20
Ethylbenzene	ND	4	4.4	111		-	-		70-130	-		20
p/m-Xylene	ND	8	8.9	111		-	-		70-130	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407461-5 QC Sample: L1004819-01 Client ID: MS Sample												
Chloromethane	ND	4	5.2	**131**	Q	-	-		70-130	-		20
Bromomethane	ND	4	4.0	101		-	-		70-130	-		20
Vinyl chloride	ND	4	6.9	**173**	Q	-	-		70-130	-		20
Chloroethane	ND	4	4.3	107		-	-		70-130	-		20
1,1-Dichloroethene	ND	4	4.1	103		-	-		70-130	-		20
trans-1,2-Dichloroethene	ND	4	4.2	105		-	-		70-130	-		20
cis-1,2-Dichloroethene	ND	4	4.7	118		-	-		70-130	-		20
Trichloroethene	ND	4	4.4	110		-	-		70-130	-		20
1,2-Dichlorobenzene	ND	4	4.3	108		-	-		70-130	-		20
1,3-Dichlorobenzene	ND	4	4.2	106		-	-		70-130	-		20
1,4-Dichlorobenzene	ND	4	4.1	103		-	-		70-130	-		20
Styrene	ND	4	4.2	105		-	-		70-130	-		20
o-Xylene	ND	4	4.4	111		-	-		70-130	-		20
1,1-Dichloropropene	ND	4	4.7	118		-	-		70-130	-		20
2,2-Dichloropropane	ND	4	4.7	119		-	-		70-130	-		20
1,1,1,2-Tetrachloroethane	ND	4	4.0	101		-	-		70-130	-		20
1,2,3-Trichloropropane	ND	4	4.2	106		-	-		70-130	-		20
Bromochloromethane	ND	4	4.6	115		-	-		70-130	-		20
n-Butylbenzene	ND	4	4.5	113		-	-		70-130	-		20
Dichlorodifluoromethane	ND	4	5.6	**140**	Q	-	-		70-130	-		20
Hexachlorobutadiene	ND	4	3.9	99		-	-		70-130	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407461-5 QC Sample: L1004819-01 Client ID: MS Sample												
Isopropylbenzene	ND	4	3.9	97		-	-		70-130	-		20
p-Isopropyltoluene	ND	4	4.2	104		-	-		70-130	-		20
Naphthalene	ND	4	3.8	95		-	-		70-130	-		20
n-Propylbenzene	ND	4	4.5	112		-	-		70-130	-		20
sec-Butylbenzene	ND	4	4.4	110		-	-		70-130	-		20
tert-Butylbenzene	ND	4	4.2	106		-	-		70-130	-		20
1,2,3-Trichlorobenzene	ND	4	3.9	98		-	-		70-130	-		20
1,2,4-Trichlorobenzene	ND	4	3.6	91		-	-		70-130	-		20
1,2,4-Trimethylbenzene	ND	4	4.4	110		-	-		70-130	-		20
1,3,5-Trimethylbenzene	ND	4	4.3	108		-	-		70-130	-		20
Bromobenzene	ND	4	4.3	107		-	-		70-130	-		20
o-Chlorotoluene	ND	4	4.3	107		-	-		70-130	-		20
p-Chlorotoluene	ND	4	4.2	106		-	-		70-130	-		20
Dibromomethane	ND	4	4.3	109		-	-		70-130	-		20
1,2-Dibromoethane	ND	4	4.2	105		-	-		70-130	-		20
1,2-Dibromo-3-chloropropane	ND	4	4.0	101		-	-		70-130	-		20
1,3-Dichloropropane	ND	4	5.3	**134**	Q	-	-		70-130	-		20
Methyl tert butyl ether	ND	4	4.1	103		-	-		70-130	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407461-5 QC Sample: L1004819-01 Client ID: MS Sample												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	99				80-120
4-Bromofluorobenzene	100				80-120

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407461-6 QC Sample: L1004819-02 Client ID: DUP Sample						
Methylene chloride	ND	ND	ug/l	NC		20
1,1-Dichloroethane	ND	ND	ug/l	NC		20
Chloroform	ND	ND	ug/l	NC		20
Carbon tetrachloride	ND	ND	ug/l	NC		20
1,2-Dichloropropane	ND	ND	ug/l	NC		20
Dibromochloromethane	ND	ND	ug/l	NC		20
1,1,2-Trichloroethane	ND	ND	ug/l	NC		20
Tetrachloroethene	ND	ND	ug/l	NC		20
Chlorobenzene	ND	ND	ug/l	NC		20
Trichlorofluoromethane	ND	ND	ug/l	NC		20
1,2-Dichloroethane	ND	ND	ug/l	NC		20
1,1,1-Trichloroethane	ND	ND	ug/l	NC		20
Bromodichloromethane	ND	ND	ug/l	NC		20
trans-1,3-Dichloropropene	ND	ND	ug/l	NC		20
cis-1,3-Dichloropropene	ND	ND	ug/l	NC		20
Bromoform	ND	ND	ug/l	NC		20
1,1,2,2-Tetrachloroethane	ND	ND	ug/l	NC		20
Benzene	ND	ND	ug/l	NC		20
Toluene	ND	ND	ug/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407461-6 QC Sample: L1004819-02 Client ID: DUP Sample					
Ethylbenzene	ND	ND	ug/l	NC	20
p/m-Xylene	ND	ND	ug/l	NC	20
Chloromethane	ND	ND	ug/l	NC	20
Bromomethane	ND	ND	ug/l	NC	20
Vinyl chloride	ND	ND	ug/l	NC	20
Chloroethane	ND	ND	ug/l	NC	20
1,1-Dichloroethene	ND	ND	ug/l	NC	20
trans-1,2-Dichloroethene	ND	ND	ug/l	NC	20
cis-1,2-Dichloroethene	ND	ND	ug/l	NC	20
Trichloroethene	ND	ND	ug/l	NC	20
1,2-Dichlorobenzene	ND	ND	ug/l	NC	20
1,3-Dichlorobenzene	ND	ND	ug/l	NC	20
1,4-Dichlorobenzene	ND	ND	ug/l	NC	20
Styrene	ND	ND	ug/l	NC	20
o-Xylene	ND	ND	ug/l	NC	20
1,1-Dichloropropene	ND	ND	ug/l	NC	20
2,2-Dichloropropane	ND	ND	ug/l	NC	20
1,1,1,2-Tetrachloroethane	ND	ND	ug/l	NC	20
1,2,3-Trichloropropane	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407461-6 QC Sample: L1004819-02 Client ID: DUP Sample					
Bromochloromethane	ND	ND	ug/l	NC	20
n-Butylbenzene	ND	ND	ug/l	NC	20
Dichlorodifluoromethane	ND	ND	ug/l	NC	20
Hexachlorobutadiene	ND	ND	ug/l	NC	20
Isopropylbenzene	ND	ND	ug/l	NC	20
p-Isopropyltoluene	ND	ND	ug/l	NC	20
Naphthalene	ND	ND	ug/l	NC	20
n-Propylbenzene	ND	ND	ug/l	NC	20
sec-Butylbenzene	ND	ND	ug/l	NC	20
tert-Butylbenzene	ND	ND	ug/l	NC	20
1,2,3-Trichlorobenzene	ND	ND	ug/l	NC	20
1,2,4-Trichlorobenzene	ND	ND	ug/l	NC	20
1,2,4-Trimethylbenzene	ND	ND	ug/l	NC	20
1,3,5-Trimethylbenzene	ND	ND	ug/l	NC	20
Bromobenzene	ND	ND	ug/l	NC	20
o-Chlorotoluene	ND	ND	ug/l	NC	20
p-Chlorotoluene	ND	ND	ug/l	NC	20
Dibromomethane	ND	ND	ug/l	NC	20
1,2-Dibromoethane	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407461-6 QC Sample: L1004819-02 Client ID: DUP Sample					
1,2-Dibromo-3-chloropropane	ND	ND	ug/l	NC	20
1,3-Dichloropropane	ND	ND	ug/l	NC	20
Methyl tert butyl ether	ND	ND	ug/l	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	103		104		80-120
4-Bromofluorobenzene	92		93		80-120

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Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

SAMPLE RESULTS

Lab ID:	L1004931-01	Date Collected:	04/07/10 12:32
Client ID:	GHC-5	Date Received:	04/07/10
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative
Matrix:	Water	Extraction Method:	EPA 625
Analytical Method:	5,625	Extraction Date:	04/13/10 14:03
Analytical Date:	04/15/10 05:53		
Analyst:	PS		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Base/Neutral Extractables by GC/MS - Westborough Lab					
Acenaphthene	ND		ug/l	5.0	1
Benzidine	ND		ug/l	50	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1
Hexachlorobenzene	ND		ug/l	5.0	1
Bis(2-chloroethyl)ether	ND		ug/l	5.0	1
2-Chloronaphthalene	ND		ug/l	6.0	1
3,3'-Dichlorobenzidine	ND		ug/l	50	1
2,4-Dinitrotoluene	ND		ug/l	6.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1
Azobenzene	ND		ug/l	5.0	1
Fluoranthene	ND		ug/l	5.0	1
4-Chlorophenyl phenyl ether	ND		ug/l	5.0	1
4-Bromophenyl phenyl ether	ND		ug/l	5.0	1
Bis(2-chloroisopropyl)ether	ND		ug/l	5.0	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1
Hexachlorobutadiene	ND		ug/l	10	1
Hexachlorocyclopentadiene	ND		ug/l	30	1
Hexachloroethane	ND		ug/l	5.0	1
Isophorone	ND		ug/l	5.0	1
Naphthalene	ND		ug/l	5.0	1
Nitrobenzene	ND		ug/l	5.0	1
NDPA/DPA	ND		ug/l	15	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	5.0	1
Butyl benzyl phthalate	ND		ug/l	5.0	1
Di-n-butylphthalate	ND		ug/l	5.0	1
Di-n-octylphthalate	ND		ug/l	5.0	1
Diethyl phthalate	ND		ug/l	5.0	1
Dimethyl phthalate	ND		ug/l	5.0	1
Benzo(a)anthracene	ND		ug/l	5.0	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-01 Date Collected: 04/07/10 12:32

Client ID: GHC-5 Date Received: 04/07/10

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Base/Neutral Extractables by GC/MS - Westborough Lab					
Benzo(a)pyrene	ND		ug/l	5.0	1
Benzo(b)fluoranthene	ND		ug/l	5.0	1
Benzo(k)fluoranthene	ND		ug/l	5.0	1
Chrysene	ND		ug/l	5.0	1
Acenaphthylene	ND		ug/l	5.0	1
Anthracene	ND		ug/l	5.0	1
Benzo(ghi)perylene	ND		ug/l	5.0	1
Fluorene	ND		ug/l	5.0	1
Phenanthrene	ND		ug/l	5.0	1
Dibenzo(a,h)anthracene	ND		ug/l	5.0	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	7.0	1
Pyrene	ND		ug/l	5.0	1
Aniline	ND		ug/l	20	1
4-Chloroaniline	ND		ug/l	5.0	1
1-Methylnaphthalene	ND		ug/l	5.0	1
2-Nitroaniline	ND		ug/l	5.0	1
3-Nitroaniline	ND		ug/l	5.0	1
4-Nitroaniline	ND		ug/l	7.0	1
Dibenzofuran	ND		ug/l	5.0	1
2-Methylnaphthalene	ND		ug/l	5.0	1
n-Nitrosodimethylamine	ND		ug/l	50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	49		15-120
4-Terphenyl-d14	78		33-120

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

SAMPLE RESULTS

Lab ID:	L1004931-05	Date Collected:	04/07/10 13:39
Client ID:	RIZ-2	Date Received:	04/07/10
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative
Matrix:	Water	Extraction Method:	EPA 625
Analytical Method:	5,625	Extraction Date:	04/13/10 14:03
Analytical Date:	04/15/10 06:18		
Analyst:	PS		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Base/Neutral Extractables by GC/MS - Westborough Lab					
Acenaphthene	ND		ug/l	5.0	1
Benzidine	ND		ug/l	50	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1
Hexachlorobenzene	ND		ug/l	5.0	1
Bis(2-chloroethyl)ether	ND		ug/l	5.0	1
2-Chloronaphthalene	ND		ug/l	6.0	1
3,3'-Dichlorobenzidine	ND		ug/l	50	1
2,4-Dinitrotoluene	ND		ug/l	6.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1
Azobenzene	ND		ug/l	5.0	1
Fluoranthene	ND		ug/l	5.0	1
4-Chlorophenyl phenyl ether	ND		ug/l	5.0	1
4-Bromophenyl phenyl ether	ND		ug/l	5.0	1
Bis(2-chloroisopropyl)ether	ND		ug/l	5.0	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1
Hexachlorobutadiene	ND		ug/l	10	1
Hexachlorocyclopentadiene	ND		ug/l	30	1
Hexachloroethane	ND		ug/l	5.0	1
Isophorone	ND		ug/l	5.0	1
Naphthalene	ND		ug/l	5.0	1
Nitrobenzene	ND		ug/l	5.0	1
NDPA/DPA	ND		ug/l	15	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	5.0	1
Butyl benzyl phthalate	ND		ug/l	5.0	1
Di-n-butylphthalate	ND		ug/l	5.0	1
Di-n-octylphthalate	ND		ug/l	5.0	1
Diethyl phthalate	ND		ug/l	5.0	1
Dimethyl phthalate	ND		ug/l	5.0	1
Benzo(a)anthracene	ND		ug/l	5.0	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-05 Date Collected: 04/07/10 13:39

Client ID: RIZ-2 Date Received: 04/07/10

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Base/Neutral Extractables by GC/MS - Westborough Lab					
Benzo(a)pyrene	ND		ug/l	5.0	1
Benzo(b)fluoranthene	ND		ug/l	5.0	1
Benzo(k)fluoranthene	ND		ug/l	5.0	1
Chrysene	ND		ug/l	5.0	1
Acenaphthylene	ND		ug/l	5.0	1
Anthracene	ND		ug/l	5.0	1
Benzo(ghi)perylene	ND		ug/l	5.0	1
Fluorene	ND		ug/l	5.0	1
Phenanthrene	ND		ug/l	5.0	1
Dibenzo(a,h)anthracene	ND		ug/l	5.0	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	7.0	1
Pyrene	ND		ug/l	5.0	1
Aniline	ND		ug/l	20	1
4-Chloroaniline	ND		ug/l	5.0	1
1-Methylnaphthalene	ND		ug/l	5.0	1
2-Nitroaniline	ND		ug/l	5.0	1
3-Nitroaniline	ND		ug/l	5.0	1
4-Nitroaniline	ND		ug/l	7.0	1
Dibenzofuran	ND		ug/l	5.0	1
2-Methylnaphthalene	ND		ug/l	5.0	1
n-Nitrosodimethylamine	ND		ug/l	50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	59		15-120
4-Terphenyl-d14	81		33-120

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

SAMPLE RESULTS

Lab ID:	L1004931-09	Date Collected:	04/07/10 14:19
Client ID:	RIZ-10	Date Received:	04/07/10
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative
Matrix:	Water	Extraction Method:	EPA 625
Analytical Method:	5,625	Extraction Date:	04/13/10 14:03
Analytical Date:	04/14/10 16:59		
Analyst:	PS		

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Base/Neutral Extractables by GC/MS - Westborough Lab					
Acenaphthene	ND		ug/l	5.0	1
Benzidine	ND		ug/l	50	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1
Hexachlorobenzene	ND		ug/l	5.0	1
Bis(2-chloroethyl)ether	ND		ug/l	5.0	1
2-Chloronaphthalene	ND		ug/l	6.0	1
3,3'-Dichlorobenzidine	ND		ug/l	50	1
2,4-Dinitrotoluene	ND		ug/l	6.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1
Azobenzene	ND		ug/l	5.0	1
Fluoranthene	ND		ug/l	5.0	1
4-Chlorophenyl phenyl ether	ND		ug/l	5.0	1
4-Bromophenyl phenyl ether	ND		ug/l	5.0	1
Bis(2-chloroisopropyl)ether	ND		ug/l	5.0	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1
Hexachlorobutadiene	ND		ug/l	10	1
Hexachlorocyclopentadiene	ND		ug/l	30	1
Hexachloroethane	ND		ug/l	5.0	1
Isophorone	ND		ug/l	5.0	1
Naphthalene	ND		ug/l	5.0	1
Nitrobenzene	ND		ug/l	5.0	1
NDPA/DPA	ND		ug/l	15	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	5.0	1
Butyl benzyl phthalate	ND		ug/l	5.0	1
Di-n-butylphthalate	ND		ug/l	5.0	1
Di-n-octylphthalate	ND		ug/l	5.0	1
Diethyl phthalate	ND		ug/l	5.0	1
Dimethyl phthalate	ND		ug/l	5.0	1
Benzo(a)anthracene	ND		ug/l	5.0	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-09 Date Collected: 04/07/10 14:19

Client ID: RIZ-10 Date Received: 04/07/10

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor
Base/Neutral Extractables by GC/MS - Westborough Lab					
Benzo(a)pyrene	ND		ug/l	5.0	1
Benzo(b)fluoranthene	ND		ug/l	5.0	1
Benzo(k)fluoranthene	ND		ug/l	5.0	1
Chrysene	ND		ug/l	5.0	1
Acenaphthylene	ND		ug/l	5.0	1
Anthracene	ND		ug/l	5.0	1
Benzo(ghi)perylene	ND		ug/l	5.0	1
Fluorene	ND		ug/l	5.0	1
Phenanthrene	ND		ug/l	5.0	1
Dibenzo(a,h)anthracene	ND		ug/l	5.0	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	7.0	1
Pyrene	ND		ug/l	5.0	1
Aniline	ND		ug/l	20	1
4-Chloroaniline	ND		ug/l	5.0	1
1-Methylnaphthalene	ND		ug/l	5.0	1
2-Nitroaniline	ND		ug/l	5.0	1
3-Nitroaniline	ND		ug/l	5.0	1
4-Nitroaniline	ND		ug/l	7.0	1
Dibenzofuran	ND		ug/l	5.0	1
2-Methylnaphthalene	ND		ug/l	5.0	1
n-Nitrosodimethylamine	ND		ug/l	50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	59		15-120
4-Terphenyl-d14	77		33-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 5,625
Analytical Date: 04/14/10 15:44
Analyst: PS

Extraction Method: EPA 625
Extraction Date: 04/13/10 14:03

Parameter	Result	Qualifier	Units	RDL
Base/Neutral Extractables by GC/MS - Westborough Lab for sample(s): 01,05,09 Batch: WG407902-1				
Acenaphthene	ND		ug/l	5.0
Benzidine	ND		ug/l	50
1,2,4-Trichlorobenzene	ND		ug/l	5.0
Hexachlorobenzene	ND		ug/l	5.0
Bis(2-chloroethyl)ether	ND		ug/l	5.0
2-Chloronaphthalene	ND		ug/l	6.0
3,3'-Dichlorobenzidine	ND		ug/l	50
2,4-Dinitrotoluene	ND		ug/l	6.0
2,6-Dinitrotoluene	ND		ug/l	5.0
Azobenzene	ND		ug/l	5.0
Fluoranthene	ND		ug/l	5.0
4-Chlorophenyl phenyl ether	ND		ug/l	5.0
4-Bromophenyl phenyl ether	ND		ug/l	5.0
Bis(2-chloroisopropyl)ether	ND		ug/l	5.0
Bis(2-chloroethoxy)methane	ND		ug/l	5.0
Hexachlorobutadiene	ND		ug/l	10
Hexachlorocyclopentadiene	ND		ug/l	30
Hexachloroethane	ND		ug/l	5.0
Isophorone	ND		ug/l	5.0
Naphthalene	ND		ug/l	5.0
Nitrobenzene	ND		ug/l	5.0
NDPA/DPA	ND		ug/l	15
n-Nitrosodi-n-propylamine	ND		ug/l	5.0
Bis(2-ethylhexyl)phthalate	ND		ug/l	5.0
Butyl benzyl phthalate	ND		ug/l	5.0
Di-n-butylphthalate	ND		ug/l	5.0
Di-n-octylphthalate	ND		ug/l	5.0
Diethyl phthalate	ND		ug/l	5.0
Dimethyl phthalate	ND		ug/l	5.0
Benzo(a)anthracene	ND		ug/l	5.0
Benzo(a)pyrene	ND		ug/l	5.0

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 5,625
Analytical Date: 04/14/10 15:44
Analyst: PS

Extraction Method: EPA 625
Extraction Date: 04/13/10 14:03

Parameter	Result	Qualifier	Units	RDL
Base/Neutral Extractables by GC/MS - Westborough Lab for sample(s): 01,05,09 Batch: WG407902-1				
Benzo(b)fluoranthene	ND		ug/l	5.0
Benzo(k)fluoranthene	ND		ug/l	5.0
Chrysene	ND		ug/l	5.0
Acenaphthylene	ND		ug/l	5.0
Anthracene	ND		ug/l	5.0
Benzo(ghi)perylene	ND		ug/l	5.0
Fluorene	ND		ug/l	5.0
Phenanthrene	ND		ug/l	5.0
Dibenzo(a,h)anthracene	ND		ug/l	5.0
Indeno(1,2,3-cd)pyrene	ND		ug/l	7.0
Pyrene	ND		ug/l	5.0
Aniline	ND		ug/l	20
4-Chloroaniline	ND		ug/l	5.0
1-Methylnaphthalene	ND		ug/l	5.0
2-Nitroaniline	ND		ug/l	5.0
3-Nitroaniline	ND		ug/l	5.0
4-Nitroaniline	ND		ug/l	7.0
Dibenzofuran	ND		ug/l	5.0
2-Methylnaphthalene	ND		ug/l	5.0
n-Nitrosodimethylamine	ND		ug/l	50

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	65		15-120
4-Terphenyl-d14	90		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058

Lab Number: L1004931

Report Date: 04/15/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Base/Neutral Extractables by GC/MS - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407902-2								
Acenaphthene	70		-		46-118	-		30
1,2,4-Trichlorobenzene	54		-		39-98	-		30
2-Chloronaphthalene	77		-		40-140	-		30
2,4-Dinitrotoluene	81		-		24-96	-		30
2,6-Dinitrotoluene	72		-		40-140	-		30
Fluoranthene	88		-		40-140	-		30
4-Chlorophenyl phenyl ether	73		-		40-140	-		30
n-Nitrosodi-n-propylamine	60		-		41-116	-		30
Butyl benzyl phthalate	82		-		40-140	-		30
Anthracene	83		-		40-140	-		30
Pyrene	81		-		26-127	-		30
P-Chloro-M-Cresol	75		-		23-97	-		30
2-Chlorophenol	61		-		27-123	-		30
2-Nitrophenol	66		-		30-130	-		30
4-Nitrophenol	57		-		10-80	-		30
2,4-Dinitrophenol	52		-		20-130	-		30
Pentachlorophenol	68		-		9-103	-		30
Phenol	31		-		12-110	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058

Lab Number: L1004931

Report Date: 04/15/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Base/Neutral Extractables by GC/MS - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407902-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41				21-120
Phenol-d6	29				10-120
Nitrobenzene-d5	56				23-120
2-Fluorobiphenyl	64				15-120
2,4,6-Tribromophenol	78				10-120
4-Terphenyl-d14	79				33-120

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Base/Neutral Extractables by GC/MS - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407902-3 QC Sample: L1004952-01 Client ID: MS Sample												
Acenaphthene	ND	97.6	73	75		-	-		46-118	-		30
1,2,4-Trichlorobenzene	ND	97.6	62	64		-	-		39-98	-		30
2-Chloronaphthalene	ND	97.6	83	85		-	-		40-140	-		30
2,4-Dinitrotoluene	ND	97.6	83	85		-	-		24-96	-		30
2,6-Dinitrotoluene	ND	97.6	78	80		-	-		40-140	-		30
Fluoranthene	ND	97.6	86	88		-	-		40-140	-		30
4-Chlorophenyl phenyl ether	ND	97.6	75	77		-	-		40-140	-		30
n-Nitrosodi-n-propylamine	ND	97.6	65	67		-	-		41-116	-		30
Butyl benzyl phthalate	ND	97.6	85	87		-	-		40-140	-		30
Anthracene	ND	97.6	79	81		-	-		40-140	-		30
Pyrene	ND	97.6	82	84		-	-		26-127	-		30
P-Chloro-M-Cresol	ND	97.6	81	83		-	-		23-97	-		30
2-Chlorophenol	ND	97.6	67	69		-	-		27-123	-		30
2-Nitrophenol	ND	97.6	72	74		-	-		30-130	-		30
4-Nitrophenol	ND	97.6	77	79		-	-		10-80	-		30
2,4-Dinitrophenol	ND	97.6	ND	64		-	-		20-130	-		30
Pentachlorophenol	ND	97.6	78	80		-	-		9-103	-		30
Phenol	ND	97.6	54	55		-	-		12-110	-		30

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Base/Neutral Extractables by GC/MS - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407902-3 QC Sample: L1004952-01 Client ID: MS Sample												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	81				10-120
2-Fluorobiphenyl	72				15-120
2-Fluorophenol	64				21-120
4-Terphenyl-d14	85				33-120
Nitrobenzene-d5	65				23-120
Phenol-d6	55				10-120

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Base/Neutral Extractables by GC/MS - Westborough Lab DUP Sample	Associated sample(s): 01,05,09	QC Batch ID: WG407902-4	QC Sample: L1004952-01	Client ID:		
Acenaphthene	ND	ND	ug/l	NC		30
Benzidine	ND	ND	ug/l	NC		30
1,2,4-Trichlorobenzene	ND	ND	ug/l	NC		30
Hexachlorobenzene	ND	ND	ug/l	NC		30
Bis(2-chloroethyl)ether	ND	ND	ug/l	NC		30
2-Chloronaphthalene	ND	ND	ug/l	NC		30
3,3'-Dichlorobenzidine	ND	ND	ug/l	NC		30
2,4-Dinitrotoluene	ND	ND	ug/l	NC		30
2,6-Dinitrotoluene	ND	ND	ug/l	NC		30
Azobenzene	ND	ND	ug/l	NC		30
Fluoranthene	ND	ND	ug/l	NC		30
4-Chlorophenyl phenyl ether	ND	ND	ug/l	NC		30
4-Bromophenyl phenyl ether	ND	ND	ug/l	NC		30
Bis(2-chloroisopropyl)ether	ND	ND	ug/l	NC		30
Bis(2-chloroethoxy)methane	ND	ND	ug/l	NC		30
Hexachlorobutadiene	ND	ND	ug/l	NC		30
Hexachlorocyclopentadiene	ND	ND	ug/l	NC		30
Hexachloroethane	ND	ND	ug/l	NC		30
Isophorone	ND	ND	ug/l	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Base/Neutral Extractables by GC/MS - Westborough Lab DUP Sample	Associated sample(s): 01,05,09	QC Batch ID: WG407902-4	QC Sample: L1004952-01	Client ID:	
Naphthalene	ND	ND	ug/l	NC	30
Nitrobenzene	ND	ND	ug/l	NC	30
NDPA/DPA	ND	ND	ug/l	NC	30
n-Nitrosodi-n-propylamine	ND	ND	ug/l	NC	30
Bis(2-ethylhexyl)phthalate	37	46	ug/l	22	30
Butyl benzyl phthalate	ND	ND	ug/l	NC	30
Di-n-butylphthalate	ND	ND	ug/l	NC	30
Di-n-octylphthalate	ND	ND	ug/l	NC	30
Diethyl phthalate	ND	ND	ug/l	NC	30
Dimethyl phthalate	ND	ND	ug/l	NC	30
Benzo(a)anthracene	ND	ND	ug/l	NC	30
Benzo(a)pyrene	ND	ND	ug/l	NC	30
Benzo(b)fluoranthene	ND	ND	ug/l	NC	30
Benzo(k)fluoranthene	ND	ND	ug/l	NC	30
Chrysene	ND	ND	ug/l	NC	30
Acenaphthylene	ND	ND	ug/l	NC	30
Anthracene	ND	ND	ug/l	NC	30
Benzo(ghi)perylene	ND	ND	ug/l	NC	30
Fluorene	ND	ND	ug/l	NC	30

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Base/Neutral Extractables by GC/MS - Westborough Lab DUP Sample	Associated sample(s): 01,05,09	QC Batch ID: WG407902-4	QC Sample: L1004952-01	Client ID:	
Phenanthrene	ND	ND	ug/l	NC	30
Dibenzo(a,h)anthracene	ND	ND	ug/l	NC	30
Indeno(1,2,3-cd)pyrene	ND	ND	ug/l	NC	30
Pyrene	ND	ND	ug/l	NC	30
Aniline	ND	ND	ug/l	NC	30
4-Chloroaniline	ND	ND	ug/l	NC	30
1-Methylnaphthalene	ND	ND	ug/l	NC	30
2-Nitroaniline	ND	ND	ug/l	NC	30
3-Nitroaniline	ND	ND	ug/l	NC	30
4-Nitroaniline	ND	ND	ug/l	NC	30
Dibenzofuran	ND	ND	ug/l	NC	30
2-Methylnaphthalene	ND	ND	ug/l	NC	30
n-Nitrosodimethylamine	ND	ND	ug/l	NC	30

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	58		71		23-120
2-Fluorobiphenyl	58		74		15-120
4-Terphenyl-d14	81		93		33-120

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Base/Neutral Extractables by GC/MS - Westborough Lab DUP Sample	Associated sample(s): 01,05,09	QC Batch ID: WG407902-4	QC Sample: L1004952-01	Client ID:	

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria

METALS

Project Name: WALPOLE PARK SOUTH
Lab Number: L1004931
Project Number: 12700058
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-01
Client ID: GHC-5
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/07/10 12:32
Date Received: 04/07/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab										
Sodium, Total	59		mg/l	2.0	1	04/08/10 10:00	04/09/10 13:39	EPA 3005A	60,6010B	AI
MCP Dissolved Metals - Westborough Lab										
Arsenic, Dissolved	ND		mg/l	0.005	1	04/08/10 09:35	04/09/10 10:57	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.171		mg/l	0.010	1	04/08/10 09:35	04/09/10 10:57	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	04/08/10 09:35	04/09/10 10:57	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	04/08/10 09:35	04/09/10 10:57	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	04/08/10 09:35	04/09/10 10:57	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	04/08/10 17:10	04/09/10 11:53	EPA 7470A	64,7470A	EZ
Selenium, Dissolved	ND		mg/l	0.010	1	04/08/10 09:35	04/09/10 10:57	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	04/08/10 09:35	04/09/10 10:57	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH
Lab Number: L1004931
Project Number: 12700058
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-05
Client ID: RIZ-2
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/07/10 13:39
Date Received: 04/07/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab										
Sodium, Total	68		mg/l	2.0	1	04/08/10 10:00	04/09/10 13:46	EPA 3005A	60,6010B	AI
MCP Dissolved Metals - Westborough Lab										
Arsenic, Dissolved	ND		mg/l	0.005	1	04/08/10 09:35	04/09/10 11:03	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.090		mg/l	0.010	1	04/08/10 09:35	04/09/10 11:03	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	04/08/10 09:35	04/09/10 11:03	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	04/08/10 09:35	04/09/10 11:03	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	04/08/10 09:35	04/09/10 11:03	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	04/08/10 17:10	04/09/10 11:55	EPA 7470A	64,7470A	EZ
Selenium, Dissolved	ND		mg/l	0.010	1	04/08/10 09:35	04/09/10 11:03	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	04/08/10 09:35	04/09/10 11:03	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH
Lab Number: L1004931
Project Number: 12700058
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-09
Client ID: RIZ-10
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/07/10 14:19
Date Received: 04/07/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab										
Sodium, Total	84		mg/l	2.0	1	04/08/10 10:00	04/09/10 13:49	EPA 3005A	60,6010B	AI
MCP Dissolved Metals - Westborough Lab										
Arsenic, Dissolved	ND		mg/l	0.005	1	04/08/10 09:35	04/09/10 11:06	EPA 3005A	60,6010B	AI
Barium, Dissolved	0.030		mg/l	0.010	1	04/08/10 09:35	04/09/10 11:06	EPA 3005A	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	04/08/10 09:35	04/09/10 11:06	EPA 3005A	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	04/08/10 09:35	04/09/10 11:06	EPA 3005A	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	04/08/10 09:35	04/09/10 11:06	EPA 3005A	60,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	1	04/08/10 17:10	04/09/10 11:56	EPA 7470A	64,7470A	EZ
Selenium, Dissolved	ND		mg/l	0.010	1	04/08/10 09:35	04/09/10 11:06	EPA 3005A	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	04/08/10 09:35	04/09/10 11:06	EPA 3005A	60,6010B	AI

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01,05,09 Batch: WG407266-1									
Arsenic, Dissolved	ND		mg/l	0.005	1	04/08/10 09:35	04/09/10 10:47	60,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	1	04/08/10 09:35	04/09/10 10:47	60,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	1	04/08/10 09:35	04/09/10 10:47	60,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	1	04/08/10 09:35	04/09/10 10:47	60,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	1	04/08/10 09:35	04/09/10 10:47	60,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	1	04/08/10 09:35	04/09/10 10:47	60,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	1	04/08/10 09:35	04/09/10 10:47	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Total Metals - Westborough Lab for sample(s): 01,05,09 Batch: WG407276-1									
Sodium, Total	ND		mg/l	2.0	1	04/08/10 10:00	04/09/10 13:19	60,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01,05,09 Batch: WG407345-1									
Mercury, Dissolved	ND		mg/l	0.0002	1	04/08/10 17:10	04/09/10 11:48	64,7470A	EZ

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058

Lab Number: L1004931

Report Date: 04/15/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407266-2 WG407266-3								
Arsenic, Dissolved	112		113		80-120	1		20
Barium, Dissolved	100		100		80-120	0		20
Cadmium, Dissolved	113		113		80-120	0		20
Chromium, Dissolved	95		100		80-120	5		20
Lead, Dissolved	107		107		80-120	0		20
Selenium, Dissolved	115		115		80-120	0		20
Silver, Dissolved	97		98		80-120	1		20
MCP Total Metals - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407276-2 WG407276-3								
Sodium, Total	98		100		80-120	2		20
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407345-2 WG407345-3								
Mercury, Dissolved	115		115		80-120	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-01
Client ID: GHC-5
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/07/10 12:32
Date Received: 04/07/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Nitrogen, Nitrite	ND		mg/l	0.05	1	-	04/08/10 19:49	30,4500NO3-F	DD
Nitrogen, Nitrate	6.5		mg/l	0.10	1	-	04/08/10 19:49	30,4500NO3-F	DD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	1	04/08/10 11:00	04/09/10 09:15	74,1664A	JO
Phenolics, Total	ND		mg/l	0.15	5	-	04/10/10 21:31	1,9065	TH

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-02
Client ID: GHC-5-A
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/07/10 12:56
Date Received: 04/07/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Microbiological Analysis - Westborough Lab									
Coliform, Fecal (MF)	ND		col/100ml	10	10	-	04/07/10 20:35	30,9222D	JT

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-03
Client ID: GHC-5-B
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/07/10 12:57
Date Received: 04/07/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Microbiological Analysis - Westborough Lab									
Coliform, Fecal (MF)	ND		col/100ml	10	10	-	04/07/10 20:35	30,9222D	JT

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-04
Client ID: GHC-5-C
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 04/07/10 12:58
Date Received: 04/07/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Microbiological Analysis - Westborough Lab									
Coliform, Fecal (MF)	ND		col/100ml	10	10	-	04/07/10 20:35	30,9222D	JT

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-05
Client ID: RIZ-2
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 04/07/10 13:39
Date Received: 04/07/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Nitrogen, Nitrite	ND		mg/l	0.05	1	-	04/08/10 19:50	30,4500NO3-F	DD
Nitrogen, Nitrate	0.47		mg/l	0.10	1	-	04/08/10 19:50	30,4500NO3-F	DD
Oil & Grease, Hem-Grav	ND		mg/l	4.0	1	04/08/10 11:00	04/09/10 09:15	74,1664A	JO
Phenolics, Total	ND		mg/l	0.03	1	-	04/10/10 21:32	1,9065	TH

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-06
Client ID: RIZ-2-A
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 04/07/10 13:55
Date Received: 04/07/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Microbiological Analysis - Westborough Lab									
Coliform, Fecal (MF)	ND		col/100ml	2.0	2	-	04/07/10 20:35	30,9222D	JT

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-07
Client ID: RIZ-2-B
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 04/07/10 13:56
Date Received: 04/07/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Microbiological Analysis - Westborough Lab									
Coliform, Fecal (MF)	ND		col/100ml	2.0	2	-	04/07/10 20:35	30,9222D	JT

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-08
Client ID: RIZ-2-C
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 04/07/10 13:57
Date Received: 04/07/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Microbiological Analysis - Westborough Lab									
Coliform, Fecal (MF)	ND		col/100ml	2.0	2	-	04/07/10 20:35	30,9222D	JT

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-09
Client ID: RIZ-10
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/07/10 14:19
Date Received: 04/07/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab									
Nitrogen, Nitrite	ND		mg/l	0.05	1	-	04/08/10 19:51	30,4500NO3-F	DD
Nitrogen, Nitrate	1.0		mg/l	0.10	1	-	04/08/10 19:51	30,4500NO3-F	DD
Oil & Grease, Hem-Grav	ND		mg/l	4.4	1.1	04/08/10 11:00	04/09/10 09:15	74,1664A	JO
Phenolics, Total	ND		mg/l	0.15	5	-	04/10/10 21:33	1,9065	TH

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-10
Client ID: RIZ-10-A
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 04/07/10 14:32
Date Received: 04/07/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Microbiological Analysis - Westborough Lab									
Coliform, Fecal (MF)	ND		col/100ml	10	10	-	04/07/10 20:35	30,9222D	JT

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-11
Client ID: RIZ-10-B
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 04/07/10 14:33
Date Received: 04/07/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Microbiological Analysis - Westborough Lab									
Coliform, Fecal (MF)	ND		col/100ml	10	10	-	04/07/10 20:35	30,9222D	JT

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058
Lab Number: L1004931
Report Date: 04/15/10

SAMPLE RESULTS

Lab ID: L1004931-12
Client ID: RIZ-10-C
Sample Location: WALPOLE, MA
Matrix: Water

Date Collected: 04/07/10 14:34
Date Received: 04/07/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Microbiological Analysis - Westborough Lab									
Coliform, Fecal (MF)	ND		col/100ml	10	10	-	04/07/10 20:35	30,9222D	JT

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1004931

Project Number: 12700058 **Report Date:** 04/15/10

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Microbiological Analysis - Westborough Lab for sample(s): 02-04,06-08,10-12 Batch: WG407183-1									
Coliform, Fecal (MF)	ND		col/100ml	1.0	1	-	04/07/10 20:35	30,9222D	JT
General Chemistry - Westborough Lab for sample(s): 01,05,09 Batch: WG407254-2									
Oil & Grease, Hem-Grav	ND		mg/l	4.0	1	04/08/10 11:00	04/09/10 09:15	74,1664A	JO
General Chemistry - Westborough Lab for sample(s): 01,05,09 Batch: WG407333-2									
Nitrogen, Nitrate	ND		mg/l	0.10	1	-	04/08/10 19:40	30,4500NO3-F	DD
General Chemistry - Westborough Lab for sample(s): 01,05,09 Batch: WG407334-2									
Nitrogen, Nitrite	ND		mg/l	0.05	1	-	04/08/10 19:42	30,4500NO3-F	DD
General Chemistry - Westborough Lab for sample(s): 01,05,09 Batch: WG407584-1									
Phenolics, Total	ND		mg/l	0.03	1	-	04/10/10 21:27	1,9065	TH

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058

Lab Number: L1004931

Report Date: 04/15/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407254-1								
Oil & Grease, Hem-Grav	108		-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407333-1								
Nitrogen, Nitrate	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407334-1								
Nitrogen, Nitrite	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01,05,09 Batch: WG407584-2								
Phenolics, Total	101		-		70-130	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407254-3 QC Sample: L1004815-02 Client ID: MS Sample												
Oil & Grease, Hem-Grav	ND	43	38	89		-	-		78-114	-		18
General Chemistry - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407333-3 QC Sample: L1004954-08 Client ID: MS Sample												
Nitrogen, Nitrate	0.81	4	4.7	97		-	-		83-113	-		17
General Chemistry - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407334-3 QC Sample: L1004931-01 Client ID: GHC-5												
Nitrogen, Nitrite	ND	4	4.0	100		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407584-3 QC Sample: L1004931-05 Client ID: RIZ-2												
Phenolics, Total	ND	0.8	0.73	91		-	-		70-130	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407254-4 QC Sample: L1004835-03 Client ID: DUP Sample						
Oil & Grease, Hem-Grav	ND	ND	mg/l	NC		18
General Chemistry - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407333-4 QC Sample: L1004954-08 Client ID: DUP Sample						
Nitrogen, Nitrate	0.81	0.81	mg/l	0		17
General Chemistry - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407334-4 QC Sample: L1004931-01 Client ID: GHC-5						
Nitrogen, Nitrite	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01,05,09 QC Batch ID: WG407584-4 QC Sample: L1004931-05 Client ID: RIZ-2						
Phenolics, Total	ND	ND	mg/l	NC		20

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

VOA/VPH H2O Preservative Date: NA

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis
L1004931-01A	Vial Ascorbic Acid/HCl preserved	A	N/A	5.9	Y	Absent	524.2(14)
L1004931-01B	Vial Ascorbic Acid/HCl preserved	A	N/A	5.9	Y	Absent	524.2(14)
L1004931-01C	Amber 1000ml HCl preserved	B	N/A	4	Y	Absent	OG-1664(28)
L1004931-01D	Amber 1000ml HCl preserved	B	N/A	4	Y	Absent	OG-1664(28)
L1004931-01E	Amber 1000ml unpreserved	B	7	4	Y	Absent	BNEXT-625(7)
L1004931-01F	Amber 1000ml unpreserved	B	7	4	Y	Absent	BNEXT-625(7)
L1004931-01G	Amber 1000ml H2SO4 preserved	A	<2	5.9	Y	Absent	TPHENOL-9065(28)
L1004931-01H	Plastic 250ml HNO3 preserved	A	<2	5.9	Y	Absent	MCP-NA-6010T(180)
L1004931-01I	Plastic 500ml unpreserved	A	7	5.9	Y	Absent	NO3-4500(2),NO2-4500NO3(2)
L1004931-01J	Plastic 500ml HNO3 preserved	A	<2	5.9	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SE-6010S(180),MCP-CD-6010S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-AS-6010S(180)
L1004931-02A	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-02B	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-03A	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-03B	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-04A	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-04B	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-05A	Vial Ascorbic Acid/HCl preserved	A	N/A	5.9	Y	Absent	524.2(14)
L1004931-05B	Vial Ascorbic Acid/HCl preserved	A	N/A	5.9	Y	Absent	524.2(14)
L1004931-05C	Amber 1000ml HCl preserved	B	N/A	4	Y	Absent	OG-1664(28)
L1004931-05D	Amber 1000ml HCl preserved	B	N/A	4	Y	Absent	OG-1664(28)
L1004931-05E	Amber 1000ml unpreserved	B	7	4	Y	Absent	BNEXT-625(7)
L1004931-05F	Amber 1000ml unpreserved	B	7	4	Y	Absent	BNEXT-625(7)
L1004931-05G	Amber 1000ml H2SO4 preserved	A	<2	5.9	Y	Absent	TPHENOL-9065(28)
L1004931-05H	Plastic 250ml HNO3 preserved	A	<2	5.9	Y	Absent	MCP-NA-6010T(180)
L1004931-05I	Plastic 500ml unpreserved	A	7	5.9	Y	Absent	NO3-4500(2),NO2-4500NO3(2)

*Hold days indicated by values in parentheses

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058

Lab Number: L1004931
Report Date: 04/15/10

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis
L1004931-05J	Plastic 500ml HNO3 preserved	A	<2	5.9	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SE-6010S(180),MCP-CD-6010S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-AS-6010S(180)
L1004931-06A	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-06B	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-07A	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-07B	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-08A	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-08B	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-09A	Vial Ascorbic Acid/HCl preserved	A	N/A	5.9	Y	Absent	524.2(14)
L1004931-09B	Vial Ascorbic Acid/HCl preserved	A	N/A	5.9	Y	Absent	524.2(14)
L1004931-09C	Amber 1000ml HCl preserved	B	N/A	4	Y	Absent	OG-1664(28)
L1004931-09D	Amber 1000ml HCl preserved	B	N/A	4	Y	Absent	OG-1664(28)
L1004931-09E	Amber 1000ml unpreserved	B	7	4	Y	Absent	BNEXT-625(7)
L1004931-09F	Amber 1000ml unpreserved	B	7	4	Y	Absent	BNEXT-625(7)
L1004931-09G	Amber 1000ml H2SO4 preserved	A	<2	5.9	Y	Absent	TPHENOL-9065(28)
L1004931-09H	Plastic 250ml HNO3 preserved	A	<2	5.9	Y	Absent	MCP-NA-6010T(180)
L1004931-09I	Plastic 500ml unpreserved	A	7	5.9	Y	Absent	NO3-4500(2),NO2-4500NO3(2)
L1004931-09J	Plastic 500ml HNO3 preserved	A	<2	5.9	Y	Absent	MCP-AG-6010S(180),MCP-BA-6010S(180),MCP-SE-6010S(180),MCP-CD-6010S(180),MCP-7470S(28),MCP-CR-6010S(180),MCP-PB-6010S(180),MCP-AS-6010S(180)
L1004931-10A	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-10B	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-11A	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-11B	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-12A	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)
L1004931-12B	Bacteria Cup Na2S2O3 preserved	A	N/A	5.9	Y	Absent	F-COLI-MF(.33)

*Hold days indicated by values in parentheses

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L1004931
Project Number:	12700058	**Report Date:**	04/15/10

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.

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).

ND - Not detected at the reported detection limit (RDL) for the sample.

Report Format: Data Usability Report

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L1004931
Project Number:	12700058	**Report Date:**	04/15/10

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

5 Methods for the Organic Chemical Analysis of Municipal and Industrial Wastewater. Appendix A, Part 136, 40 CFR (Code of Federal Regulations).

16 Methods for the Determination of Organic Compounds in Drinking Water - Supplement II. EPA/600/R-92/129, August 1992.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

60 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). May 2004.

64 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). August 2004.

74 Method 1664,Revision A: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-98-002, February 1999.

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 March 16, 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,Ti,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, SM4500-CN-CE, SM2540D.
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, 4-Ethyltoluene. **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 3

Date Rec'd in Lab: 4/7/10

ALPHA Job # L1004931

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

04151012:21

Client Information

Client: Tetra Tech Rizzo
Address: One Grant St
Framingham, MA
Phone: 508 903 2039
Fax: 508 903 2001
Email: ian.cannon@tetratech.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Walpole Park South
Project Location: Walpole, MA
Project #: 12700058
Project Manager: Ian Cannon / Ray Johnson
ALPHA Quote #:

Turn-Around Time

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

Date Due: 4/14/10 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:
C/O AP

Regulatory Requirements/Report Limits

State /Fed Program: MCP Criteria: RCGW-1

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☒ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All ***CAM*** methods for inorganic analyses require MS every 20 soil samples)

ANALYSIS: Oil & Grease (1664) | Base Neutrals (625) | Total Phenol | Sodium | VOCs (524.2) | NO_3, NO_2 | dis. Al & Methanol | Fecal Coliform

SAMPLE HANDLING
Filtration dis.
☒ Done RCRA8 only
☐ 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	Sample Specific Comments	TOTAL # BOTTLES
4931-01	GHC-5		1232	GW	IR		2
			1240				2
			1243				1
			1245				1
			12:47				2
			12:48				1
			12:52				1
-02	GHC-5-A		12:56				2
-03	GHC-5-B		12:57				2
-04	GHC-5-C		12:58				2

Container Type	4b	A6	H6	P	V	P	P	P				
Preservative	HCl	—	A	N	HCl	—	N					

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	4/9/10 1520	Thelma Fleury	4/9/10 1520

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. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 2 OF 3

Date Rec'd in Lab: 4/7/10

ALPHA Job #: L1004931

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

04151012:21

Client Information

Client:

Address:

Phone:

Fax:

Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name:

Project Location: Stow

Project #:

Project Manager:

ALPHA Quote #:

Turn-Around Time

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

Date Due: 4/14/10 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria RCGW-1

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☒ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

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

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All ***CAM*** methods for inorganic analyses require MS every 20 soil samples)

ANALYSIS: O&G (1664) | RCP Metals (6010) | Pb/Mn (6010) | Sodium | VOC (524.2) | NO3 NO2 | dis Pb/Mn & metals | Fecal Coliform

SAMPLE HANDLING: Extra Metals 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	Sample Specific Comments	TOTAL # BOTTLES
4931-05	RIZ-2	4/7/10	1339	GW	JK		2
			1344				2
			1346				1
			1348				1
			1350				2
			1351				1
			1353				1
-06	-A		1355				2
-07	-B		1356				2
-08	-C		1357				2

Container Type	AG	AG	AG	P	V	P	P	P
Preservative	HCl	–	H	N	HCl	–	N	–

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

FORM NO: 01-01 (rev. 18-Jan-2010)

Relinquished By:	Date/Time	Received By:	Date/Time
	4/7/10 1520	T. Fleury	4/7/10 1520

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.

CHAIN OF CUSTODY

PAGE 3 OF 3

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

04151012:21

Date Rec'd in Lab: 4/7/10

ALPHA Job #: L1004931

Client Information

Client:

Address:

Phone:

Fax:

Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name:

Project Location:

Project #:

Project Manager:

ALPHA Quote #:

Turn-Around Time

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

Date Due: 4/14/10 **Time:**

Report Information - Data Deliverables

☐ FAX ☐ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | *Criteria*

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

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

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All ***CAM*** methods for inorganic analyses require MS every 20 soil samples)

ANALYSIS

- Oil & Grease (1664)
- BTEX + MTBE (8260)
- TPH (GC/MS) (8270)
- Sodium Adsorption Ratio (SAR)
- Volatiles (524.2)
- NO3-N, SO4
- Diss. RCRA 8 metals
- Fecal Coliform

SAMPLE HANDLING

Filtration Lab.
~~☐~~ Done RCRA-8 only
☐ Not needed
☐ Lab to do

Preservation
☐ Lab to do

(Please specify below)

Sample Specific Comments

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Oil & Grease (1664)	BTEX + MTBE (8260)	TPH (GC/MS) (8270)	Sodium Adsorption Ratio (SAR)	Volatiles (524.2)	NO3-N, SO4	Diss. RCRA 8 metals	Fecal Coliform	Sample Specific Comments	TOTAL # BOTTLES
4931-09	RI2-10	4/7/10	1419	GW		X									2
			1421				X								2
			1424					X							1
			1425						X						1
			1427							X					2
			1429								X				1
			1431									X			1
-10	RI2-10-A		1432										X		2
-11	" -B		1433										X		2
-12	" -C		1434										X		2

Container Type	A	A	A	P	V	D	P	D				
Preservative	HCl	-	N	N	HCl	-	N	-				

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	4/7/10 1520		4/7/10 1520

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. 18-Jan-2010)

ANALYTICAL REPORT

Lab Number:	L1008812
Client:	Tetra Tech Rizzo 1 Grant Street Framingham, MA 01701-9005
ATTN:	Ian Cannan
Phone:	(508) 903-2039
Project Name:	WALPOLE PARK SOUTH
Project Number:	12700058-003
Report Date:	06/21/10

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: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1008812-01	MW-3	WALPOLE, MA	06/11/10 08:02
L1008812-02	RIZ-3	WALPOLE, MA	06/11/10 08:56
L1008812-03	MW-2	WALPOLE, MA	06/11/10 09:33
L1008812-04	GHC-6	WALPOLE, MA	06/11/10 10:08
L1008812-05	RIZ-9	WALPOLE, MA	06/11/10 11:07
L1008812-06	RIZ-10	WALPOLE, MA	06/11/10 12:30
L1008812-07	RIZ-8	WALPOLE, MA	06/11/10 13:40
L1008812-08	MW-9	WALPOLE, MA	06/11/10 14:10
L1008812-09	20100611-TRIP BLANK	WALPOLE, MA	06/11/10 00:00

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1008812

Project Number: 12700058-003 **Report Date:** 06/21/10

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 through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	NO
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	NO
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	NO
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

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: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

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. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of 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

Sample Receipt

The samples were Field Filtered for Dissolved Metals only.

Volatile Organics

In reference to question B:

At the client's request, the analytical method specified in the CAM protocol was not followed.

In reference to question H:

An MS/Dup was performed in lieu of an LCS/LCSD.

In reference to question I:

All samples were analyzed for a subset of MCP compounds per the Chain of Custody.

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L1008812
Project Number:	12700058-003	**Report Date:**	06/21/10

Case Narrative (continued)

Metals

L1008812-01 through -08 have elevated detection limits for Antimony and Thallium due to the dilutions required by the high concentrations of non-target analytes.

In reference to question G:

One or more of the target analytes did not achieve the requested CAM reporting limits.

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: Lisa Westerlind

Title: Technical Director/Representative Date: 06/21/10

ORGANICS

VOLATILES

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-01
Client ID: MW-3
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/14/10 09:52
Analyst: TT

Date Collected: 06/11/10 08:02
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
Chloroform	ND		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-01
Client ID: MW-3
Sample Location: WALPOLE, MA
Date Collected: 06/11/10 08:02
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1008812

Project Number: 12700058-003 **Report Date:** 06/21/10

SAMPLE RESULTS

Lab ID:	L1008812-01	Date Collected:	06/11/10 08:02
Client ID:	MW-3	Date Received:	06/11/10
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101		80-120
4-Bromofluorobenzene	96		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-02
Client ID: RIZ-3
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/14/10 11:40
Analyst: TT

Date Collected: 06/11/10 08:56
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
Chloroform	ND		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1008812

Project Number: 12700058-003 **Report Date:** 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-02 Date Collected: 06/11/10 08:56

Client ID: RIZ-3 Date Received: 06/11/10

Sample Location: WALPOLE, MA Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-02
Client ID: RIZ-3
Sample Location: WALPOLE, MA
Date Collected: 06/11/10 08:56
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	103		80-120
4-Bromofluorobenzene	96		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-03
Client ID: MW-2
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/14/10 12:17
Analyst: TT

Date Collected: 06/11/10 09:33
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
Chloroform	1.2		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-03
Client ID: MW-2
Sample Location: WALPOLE, MA
Date Collected: 06/11/10 09:33
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1008812

Project Number: 12700058-003 **Report Date:** 06/21/10

SAMPLE RESULTS

Lab ID:	L1008812-03	Date Collected:	06/11/10 09:33
Client ID:	MW-2	Date Received:	06/11/10
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101		80-120
4-Bromofluorobenzene	96		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-04
Client ID: GHC-6
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/14/10 12:54
Analyst: TT

Date Collected: 06/11/10 10:08
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
Chloroform	ND		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-04
Client ID: GHC-6
Sample Location: WALPOLE, MA
Date Collected: 06/11/10 10:08
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1008812

Project Number: 12700058-003 **Report Date:** 06/21/10

SAMPLE RESULTS

Lab ID:	L1008812-04	Date Collected:	06/11/10 10:08
Client ID:	GHC-6	Date Received:	06/11/10
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101		80-120
4-Bromofluorobenzene	96		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-05
Client ID: RIZ-9
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/14/10 13:31
Analyst: TT

Date Collected: 06/11/10 11:07
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
Chloroform	ND		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-05
Client ID: RIZ-9
Sample Location: WALPOLE, MA
Date Collected: 06/11/10 11:07
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-05
Client ID: RIZ-9
Sample Location: WALPOLE, MA
Date Collected: 06/11/10 11:07
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	103		80-120
4-Bromofluorobenzene	96		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-06
Client ID: RIZ-10
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/14/10 14:08
Analyst: TT

Date Collected: 06/11/10 12:30
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
Chloroform	ND		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-06
Client ID: RIZ-10
Sample Location: WALPOLE, MA
Date Collected: 06/11/10 12:30
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1008812

Project Number: 12700058-003 **Report Date:** 06/21/10

SAMPLE RESULTS

Lab ID:	L1008812-06	Date Collected:	06/11/10 12:30
Client ID:	RIZ-10	Date Received:	06/11/10
Sample Location:	WALPOLE, MA	Field Prep:	See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	103		80-120
4-Bromofluorobenzene	98		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-07
Client ID: RIZ-8
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/14/10 14:46
Analyst: TT

Date Collected: 06/11/10 13:40
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
Chloroform	ND		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-07
Client ID: RIZ-8
Sample Location: WALPOLE, MA
Date Collected: 06/11/10 13:40
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-07
Client ID: RIZ-8
Sample Location: WALPOLE, MA
Date Collected: 06/11/10 13:40
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101		80-120
4-Bromofluorobenzene	97		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-08
Client ID: MW-9
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/14/10 15:23
Analyst: TT

Date Collected: 06/11/10 14:10
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
Chloroform	ND		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-08
Client ID: MW-9
Sample Location: WALPOLE, MA
Date Collected: 06/11/10 14:10
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-08
Client ID: MW-9
Sample Location: WALPOLE, MA
Date Collected: 06/11/10 14:10
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	104		80-120
4-Bromofluorobenzene	97		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-09
Client ID: 20100611-TRIP BLANK
Sample Location: WALPOLE, MA
Matrix: Water
Analytical Method: 16,524.2
Analytical Date: 06/14/10 16:00
Analyst: TT

Date Collected: 06/11/10 00:00
Date Received: 06/11/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
Chloroform	ND		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1008812

Project Number: 12700058-003 **Report Date:** 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-09 Date Collected: 06/11/10 00:00

Client ID: 20100611-TRIP BLANK Date Received: 06/11/10

Sample Location: WALPOLE, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-09
Client ID: 20100611-TRIP BLANK
Sample Location: WALPOLE, MA
Date Collected: 06/11/10 00:00
Date Received: 06/11/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	100		80-120
4-Bromofluorobenzene	97		80-120

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 06/14/10 07:26
Analyst: TT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG417697-2					
Methylene chloride	ND		ug/l	0.50	--
1,1-Dichloroethane	ND		ug/l	0.50	--
Chloroform	ND		ug/l	0.50	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	0.50	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.50	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	0.50	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
Bromoform	ND		ug/l	0.50	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.50	--
Ethylbenzene	ND		ug/l	0.50	--
p/m-Xylene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	0.50	--
Bromomethane	ND		ug/l	0.50	--
Vinyl chloride	ND		ug/l	0.50	--
Chloroethane	ND		ug/l	0.50	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.50	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	0.50	--
1,3-Dichlorobenzene	ND		ug/l	0.50	--

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 06/14/10 07:26
Analyst: TT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG417697-2					
1,4-Dichlorobenzene	ND		ug/l	0.50	--
Styrene	ND		ug/l	0.50	--
o-Xylene	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	0.50	--
2,2-Dichloropropane	ND		ug/l	0.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
1,2,3-Trichloropropane	ND		ug/l	0.50	--
Bromochloromethane	ND		ug/l	0.50	--
n-Butylbenzene	ND		ug/l	0.50	--
Dichlorodifluoromethane	ND		ug/l	0.50	--
Hexachlorobutadiene	ND		ug/l	0.50	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	0.50	--
n-Propylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	0.50	--
o-Chlorotoluene	ND		ug/l	0.50	--
p-Chlorotoluene	ND		ug/l	0.50	--
Dibromomethane	ND		ug/l	0.50	--
1,2-Dibromoethane	ND		ug/l	0.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--
1,3-Dichloropropane	ND		ug/l	0.50	--
Methyl tert butyl ether	ND		ug/l	0.50	--

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 06/14/10 07:26
Analyst: TT

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG417697-2					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101		80-120
4-Bromofluorobenzene	97		80-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L1008812

Report Date: 06/21/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG417697-1								
Methylene chloride	107		-		70-130	-		
1,1-Dichloroethane	106		-		70-130	-		
Chloroform	102		-		70-130	-		
Carbon tetrachloride	86		-		70-130	-		
1,2-Dichloropropane	107		-		70-130	-		
Dibromochloromethane	95		-		70-130	-		
1,1,2-Trichloroethane	102		-		70-130	-		
Tetrachloroethene	106		-		70-130	-		
Chlorobenzene	97		-		70-130	-		
Trichlorofluoromethane	102		-		70-130	-		
1,2-Dichloroethane	99		-		70-130	-		
1,1,1-Trichloroethane	99		-		70-130	-		
Bromodichloromethane	94		-		70-130	-		
trans-1,3-Dichloropropene	79		-		70-130	-		
cis-1,3-Dichloropropene	84		-		70-130	-		
Bromoform	86		-		70-130	-		
1,1,2,2-Tetrachloroethane	94		-		70-130	-		
Benzene	109		-		70-130	-		
Toluene	108		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	100		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L1008812

Report Date: 06/21/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG417697-1								
Chloromethane	119		-		70-130	-		
Bromomethane	116		-		70-130	-		
Vinyl chloride	117		-		70-130	-		
Chloroethane	112		-		70-130	-		
1,1-Dichloroethene	109		-		70-130	-		
trans-1,2-Dichloroethene	109		-		70-130	-		
cis-1,2-Dichloroethene	104		-		70-130	-		
Trichloroethene	103		-		70-130	-		
1,2-Dichlorobenzene	91		-		70-130	-		
1,3-Dichlorobenzene	94		-		70-130	-		
1,4-Dichlorobenzene	93		-		70-130	-		
Styrene	97		-		70-130	-		
o-Xylene	97		-		70-130	-		
1,1-Dichloropropene	104		-		70-130	-		
2,2-Dichloropropane	78		-		70-130	-		
1,1,1,2-Tetrachloroethane	92		-		70-130	-		
1,2,3-Trichloropropane	92		-		70-130	-		
Bromochloromethane	101		-		70-130	-		
n-Butylbenzene	96		-		70-130	-		
Dichlorodifluoromethane	122		-		70-130	-		
Hexachlorobutadiene	98		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L1008812

Report Date: 06/21/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG417697-1								
Isopropylbenzene	97		-		70-130	-		
p-Isopropyltoluene	98		-		70-130	-		
Naphthalene	74		-		70-130	-		
n-Propylbenzene	98		-		70-130	-		
sec-Butylbenzene	97		-		70-130	-		
tert-Butylbenzene	97		-		70-130	-		
1,2,3-Trichlorobenzene	82		-		70-130	-		
1,2,4-Trichlorobenzene	86		-		70-130	-		
1,2,4-Trimethylbenzene	98		-		70-130	-		
1,3,5-Trimethylbenzene	98		-		70-130	-		
Bromobenzene	96		-		70-130	-		
o-Chlorotoluene	100		-		70-130	-		
p-Chlorotoluene	99		-		70-130	-		
Dibromomethane	98		-		70-130	-		
1,2-Dibromoethane	91		-		70-130	-		
1,2-Dibromo-3-chloropropane	78		-		70-130	-		
1,3-Dichloropropane	100		-		70-130	-		
Methyl tert butyl ether	101		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L1008812

Report Date: 06/21/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG417697-1								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichlorobenzene-d4	98				80-120
4-Bromofluorobenzene	98				80-120

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG417697-3 QC Sample: L1008822-01 Client ID: MS Sample												
Methylene chloride	ND	4	4.5	112		-	-		70-130	-		20
1,1-Dichloroethane	ND	4	4.5	113		-	-		70-130	-		20
Chloroform	27	4	31	102		-	-		70-130	-		20
Carbon tetrachloride	ND	4	4.0	101		-	-		70-130	-		20
1,2-Dichloropropane	ND	4	4.5	113		-	-		70-130	-		20
Dibromochloromethane	4.8	4	8.8	100		-	-		70-130	-		20
1,1,2-Trichloroethane	ND	4	4.3	108		-	-		70-130	-		20
Tetrachloroethene	ND	4	4.6	116		-	-		70-130	-		20
Chlorobenzene	ND	4	4.1	104		-	-		70-130	-		20
Trichlorofluoromethane	ND	4	4.6	114		-	-		70-130	-		20
1,2-Dichloroethane	ND	4	4.1	102		-	-		70-130	-		20
1,1,1-Trichloroethane	ND	4	4.3	108		-	-		70-130	-		20
Bromodichloromethane	10	4	14	100		-	-		70-130	-		20
trans-1,3-Dichloropropene	ND	4	3.1	77		-	-		70-130	-		20
cis-1,3-Dichloropropene	ND	4	4.0	99		-	-		70-130	-		20
Bromoform	0.59	4	4.2	91		-	-		70-130	-		20
1,1,2,2-Tetrachloroethane	ND	4	3.8	96		-	-		70-130	-		20
Benzene	ND	4	4.5	112		-	-		70-130	-		20
Toluene	ND	4	4.5	112		-	-		70-130	-		20
Ethylbenzene	ND	4	4.4	110		-	-		70-130	-		20
p/m-Xylene	1.2	8	9.4	102		-	-		70-130	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG417697-3 QC Sample: L1008822-01 Client ID: MS Sample												
Chloromethane	ND	4	4.0	101		-	-		70-130	-		20
Bromomethane	ND	4	4.6	116		-	-		70-130	-		20
Vinyl chloride	ND	4	5.9	**148**	Q	-	-		70-130	-		20
Chloroethane	ND	4	4.9	122		-	-		70-130	-		20
1,1-Dichloroethene	ND	4	4.6	115		-	-		70-130	-		20
trans-1,2-Dichloroethene	ND	4	4.5	113		-	-		70-130	-		20
cis-1,2-Dichloroethene	ND	4	4.6	116		-	-		70-130	-		20
Trichloroethene	ND	4	4.3	108		-	-		70-130	-		20
1,2-Dichlorobenzene	ND	4	3.8	95		-	-		70-130	-		20
1,3-Dichlorobenzene	ND	4	3.8	95		-	-		70-130	-		20
1,4-Dichlorobenzene	ND	4	3.7	94		-	-		70-130	-		20
Styrene	ND	4	3.7	93		-	-		70-130	-		20
o-Xylene	ND	4	4.4	110		-	-		70-130	-		20
1,1-Dichloropropene	ND	4	4.6	116		-	-		70-130	-		20
2,2-Dichloropropane	ND	4	3.7	94		-	-		70-130	-		20
1,1,1,2-Tetrachloroethane	ND	4	3.9	98		-	-		70-130	-		20
1,2,3-Trichloropropane	ND	4	3.6	91		-	-		70-130	-		20
Bromochloromethane	ND	4	4.5	112		-	-		70-130	-		20
n-Butylbenzene	ND	4	3.9	98		-	-		70-130	-		20
Dichlorodifluoromethane	ND	4	4.2	105		-	-		70-130	-		20
Hexachlorobutadiene	ND	4	3.9	99		-	-		70-130	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG417697-3 QC Sample: L1008822-01 Client ID: MS Sample												
Isopropylbenzene	ND	4	3.6	90		-	-		70-130	-		20
p-Isopropyltoluene	ND	4	3.9	98		-	-		70-130	-		20
Naphthalene	0.59	4	3.9	82		-	-		70-130	-		20
n-Propylbenzene	ND	4	4.1	102		-	-		70-130	-		20
sec-Butylbenzene	ND	4	4.1	102		-	-		70-130	-		20
tert-Butylbenzene	ND	4	4.1	102		-	-		70-130	-		20
1,2,3-Trichlorobenzene	ND	4	3.4	86		-	-		70-130	-		20
1,2,4-Trichlorobenzene	ND	4	3.4	85		-	-		70-130	-		20
1,2,4-Trimethylbenzene	ND	4	4.0	101		-	-		70-130	-		20
1,3,5-Trimethylbenzene	ND	4	4.0	100		-	-		70-130	-		20
Bromobenzene	ND	4	3.9	98		-	-		70-130	-		20
o-Chlorotoluene	ND	4	4.2	104		-	-		70-130	-		20
p-Chlorotoluene	ND	4	3.9	98		-	-		70-130	-		20
Dibromomethane	ND	4	4.3	108		-	-		70-130	-		20
1,2-Dibromoethane	ND	4	3.7	93		-	-		70-130	-		20
1,2-Dibromo-3-chloropropane	ND	4	3.4	86		-	-		70-130	-		20
1,3-Dichloropropane	ND	4	4.1	103		-	-		70-130	-		20
Methyl tert butyl ether	ND	4	4.2	104		-	-		70-130	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG417697-3 QC Sample: L1008822-01 Client ID: MS Sample												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	100				80-120
4-Bromofluorobenzene	99				80-120

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG417697-4 QC Sample: L1008812-01 Client ID: MW-3						
Methylene chloride	ND	ND	ug/l	NC		20
1,1-Dichloroethane	ND	ND	ug/l	NC		20
Chloroform	ND	ND	ug/l	NC		20
Carbon tetrachloride	ND	ND	ug/l	NC		20
1,2-Dichloropropane	ND	ND	ug/l	NC		20
Dibromochloromethane	ND	ND	ug/l	NC		20
1,1,2-Trichloroethane	ND	ND	ug/l	NC		20
Tetrachloroethene	ND	ND	ug/l	NC		20
Chlorobenzene	ND	ND	ug/l	NC		20
Trichlorofluoromethane	ND	ND	ug/l	NC		20
1,2-Dichloroethane	ND	ND	ug/l	NC		20
1,1,1-Trichloroethane	ND	ND	ug/l	NC		20
Bromodichloromethane	ND	ND	ug/l	NC		20
trans-1,3-Dichloropropene	ND	ND	ug/l	NC		20
cis-1,3-Dichloropropene	ND	ND	ug/l	NC		20
Bromoform	ND	ND	ug/l	NC		20
1,1,2,2-Tetrachloroethane	ND	ND	ug/l	NC		20
Benzene	ND	ND	ug/l	NC		20
Toluene	ND	ND	ug/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG417697-4 QC Sample: L1008812-01 Client ID: MW-3					
Ethylbenzene	ND	ND	ug/l	NC	20
p/m-Xylene	ND	ND	ug/l	NC	20
Chloromethane	ND	ND	ug/l	NC	20
Bromomethane	ND	ND	ug/l	NC	20
Vinyl chloride	ND	ND	ug/l	NC	20
Chloroethane	ND	ND	ug/l	NC	20
1,1-Dichloroethene	ND	ND	ug/l	NC	20
trans-1,2-Dichloroethene	ND	ND	ug/l	NC	20
cis-1,2-Dichloroethene	ND	ND	ug/l	NC	20
Trichloroethene	ND	ND	ug/l	NC	20
1,2-Dichlorobenzene	ND	ND	ug/l	NC	20
1,3-Dichlorobenzene	ND	ND	ug/l	NC	20
1,4-Dichlorobenzene	ND	ND	ug/l	NC	20
Styrene	ND	ND	ug/l	NC	20
o-Xylene	ND	ND	ug/l	NC	20
1,1-Dichloropropene	ND	ND	ug/l	NC	20
2,2-Dichloropropane	ND	ND	ug/l	NC	20
1,1,1,2-Tetrachloroethane	ND	ND	ug/l	NC	20
1,2,3-Trichloropropane	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG417697-4 QC Sample: L1008812-01 Client ID: MW-3					
Bromochloromethane	ND	ND	ug/l	NC	20
n-Butylbenzene	ND	ND	ug/l	NC	20
Dichlorodifluoromethane	ND	ND	ug/l	NC	20
Hexachlorobutadiene	ND	ND	ug/l	NC	20
Isopropylbenzene	ND	ND	ug/l	NC	20
p-Isopropyltoluene	ND	ND	ug/l	NC	20
Naphthalene	ND	ND	ug/l	NC	20
n-Propylbenzene	ND	ND	ug/l	NC	20
sec-Butylbenzene	ND	ND	ug/l	NC	20
tert-Butylbenzene	ND	ND	ug/l	NC	20
1,2,3-Trichlorobenzene	ND	ND	ug/l	NC	20
1,2,4-Trichlorobenzene	ND	ND	ug/l	NC	20
1,2,4-Trimethylbenzene	ND	ND	ug/l	NC	20
1,3,5-Trimethylbenzene	ND	ND	ug/l	NC	20
Bromobenzene	ND	ND	ug/l	NC	20
o-Chlorotoluene	ND	ND	ug/l	NC	20
p-Chlorotoluene	ND	ND	ug/l	NC	20
Dibromomethane	ND	ND	ug/l	NC	20
1,2-Dibromoethane	ND	ND	ug/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG417697-4 QC Sample: L1008812-01 Client ID: MW-3					
1,2-Dibromo-3-chloropropane	ND	ND	ug/l	NC	20
1,3-Dichloropropane	ND	ND	ug/l	NC	20
Methyl tert butyl ether	ND	ND	ug/l	NC	20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101		101		80-120
4-Bromofluorobenzene	96		97		80-120

METALS

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-01
Client ID: MW-3
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 06/11/10 08:02
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab											
Antimony, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 03:32	EPA 3005A	97,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	--	1	06/14/10 13:10	06/16/10 17:57	EPA 3005A	97,6010B	AI
Barium, Dissolved	0.036		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:57	EPA 3005A	97,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:57	EPA 3005A	97,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:57	EPA 3005A	97,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	06/14/10 13:10	06/16/10 17:57	EPA 3005A	97,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:57	EPA 3005A	97,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	06/17/10 17:30	06/18/10 11:34	EPA 7470A	97,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	--	1	06/14/10 13:10	06/16/10 17:57	EPA 3005A	97,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:57	EPA 3005A	97,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	06/14/10 13:10	06/17/10 14:57	EPA 3005A	97,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 03:32	EPA 3005A	97,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:57	EPA 3005A	97,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	06/14/10 13:10	06/16/10 17:57	EPA 3005A	97,6010B	AI

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-02
Client ID: RIZ-3
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 06/11/10 08:56
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab											
Antimony, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 03:38	EPA 3005A	97,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	--	1	06/14/10 13:10	06/16/10 18:00	EPA 3005A	97,6010B	AI
Barium, Dissolved	0.161		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 18:00	EPA 3005A	97,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 18:00	EPA 3005A	97,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 18:00	EPA 3005A	97,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	06/14/10 13:10	06/16/10 18:00	EPA 3005A	97,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 18:00	EPA 3005A	97,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	06/17/10 17:30	06/18/10 11:35	EPA 7470A	97,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	--	1	06/14/10 13:10	06/16/10 18:00	EPA 3005A	97,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 18:00	EPA 3005A	97,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	06/14/10 13:10	06/17/10 15:00	EPA 3005A	97,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 03:38	EPA 3005A	97,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 18:00	EPA 3005A	97,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	06/14/10 13:10	06/16/10 18:00	EPA 3005A	97,6010B	AI

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-03
Client ID: MW-2
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 06/11/10 09:33
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab											
Antimony, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 03:44	EPA 3005A	97,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	--	1	06/14/10 13:10	06/16/10 18:04	EPA 3005A	97,6010B	AI
Barium, Dissolved	0.070		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 18:04	EPA 3005A	97,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 18:04	EPA 3005A	97,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 18:04	EPA 3005A	97,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	06/14/10 13:10	06/16/10 18:04	EPA 3005A	97,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 18:04	EPA 3005A	97,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	06/17/10 17:30	06/18/10 11:37	EPA 7470A	97,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	--	1	06/14/10 13:10	06/16/10 18:04	EPA 3005A	97,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 18:04	EPA 3005A	97,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	06/14/10 13:10	06/17/10 15:04	EPA 3005A	97,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 03:44	EPA 3005A	97,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 18:04	EPA 3005A	97,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	06/14/10 13:10	06/16/10 18:04	EPA 3005A	97,6010B	AI

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-04
Client ID: GHC-6
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 06/11/10 10:08
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab											
Antimony, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 04:09	EPA 3005A	97,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	--	1	06/14/10 13:10	06/16/10 17:24	EPA 3005A	97,6010B	AI
Barium, Dissolved	0.063		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:24	EPA 3005A	97,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:24	EPA 3005A	97,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:24	EPA 3005A	97,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	06/14/10 13:10	06/16/10 17:24	EPA 3005A	97,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:24	EPA 3005A	97,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	06/17/10 17:30	06/18/10 11:42	EPA 7470A	97,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	--	1	06/14/10 13:10	06/16/10 17:24	EPA 3005A	97,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:24	EPA 3005A	97,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	06/14/10 13:10	06/17/10 14:34	EPA 3005A	97,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 04:09	EPA 3005A	97,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:24	EPA 3005A	97,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	06/14/10 13:10	06/16/10 17:24	EPA 3005A	97,6010B	AI

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-05
Client ID: RIZ-9
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 06/11/10 11:07
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab											
Antimony, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 04:27	EPA 3005A	97,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	--	1	06/14/10 13:10	06/16/10 17:34	EPA 3005A	97,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:34	EPA 3005A	97,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:34	EPA 3005A	97,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:34	EPA 3005A	97,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	06/14/10 13:10	06/16/10 17:34	EPA 3005A	97,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:34	EPA 3005A	97,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	06/17/10 17:30	06/18/10 11:46	EPA 7470A	97,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	--	1	06/14/10 13:10	06/16/10 17:34	EPA 3005A	97,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:34	EPA 3005A	97,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	06/14/10 13:10	06/17/10 14:44	EPA 3005A	97,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 04:27	EPA 3005A	97,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:34	EPA 3005A	97,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	06/14/10 13:10	06/16/10 17:34	EPA 3005A	97,6010B	AI

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-06
Client ID: RIZ-10
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 06/11/10 12:30
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab											
Antimony, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 04:33	EPA 3005A	97,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	--	1	06/14/10 13:10	06/16/10 17:37	EPA 3005A	97,6010B	AI
Barium, Dissolved	0.107		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:37	EPA 3005A	97,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:37	EPA 3005A	97,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:37	EPA 3005A	97,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	06/14/10 13:10	06/16/10 17:37	EPA 3005A	97,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:37	EPA 3005A	97,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	06/17/10 17:30	06/18/10 11:48	EPA 7470A	97,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	--	1	06/14/10 13:10	06/16/10 17:37	EPA 3005A	97,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:37	EPA 3005A	97,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	06/14/10 13:10	06/17/10 14:47	EPA 3005A	97,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 04:33	EPA 3005A	97,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:37	EPA 3005A	97,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	06/14/10 13:10	06/16/10 17:37	EPA 3005A	97,6010B	AI

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-07
Client ID: RIZ-8
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 06/11/10 13:40
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab											
Antimony, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 04:39	EPA 3005A	97,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	--	1	06/14/10 13:10	06/16/10 17:50	EPA 3005A	97,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:50	EPA 3005A	97,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:50	EPA 3005A	97,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:50	EPA 3005A	97,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	06/14/10 13:10	06/16/10 17:50	EPA 3005A	97,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:50	EPA 3005A	97,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	06/17/10 17:30	06/18/10 11:49	EPA 7470A	97,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	--	1	06/14/10 13:10	06/16/10 17:50	EPA 3005A	97,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:50	EPA 3005A	97,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	06/14/10 13:10	06/17/10 14:51	EPA 3005A	97,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 04:39	EPA 3005A	97,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:50	EPA 3005A	97,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	06/14/10 13:10	06/16/10 17:50	EPA 3005A	97,6010B	AI

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

SAMPLE RESULTS

Lab ID: L1008812-08
Client ID: MW-9
Sample Location: WALPOLE, MA
Matrix: Water
Date Collected: 06/11/10 14:10
Date Received: 06/11/10
Field Prep: See Narrative

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab											
Antimony, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 04:45	EPA 3005A	97,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.005	--	1	06/14/10 13:10	06/16/10 17:54	EPA 3005A	97,6010B	AI
Barium, Dissolved	0.064		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:54	EPA 3005A	97,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:54	EPA 3005A	97,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:54	EPA 3005A	97,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	06/14/10 13:10	06/16/10 17:54	EPA 3005A	97,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:54	EPA 3005A	97,6010B	AI
Mercury, Dissolved	ND		mg/l	0.0002	--	1	06/17/10 17:30	06/18/10 11:51	EPA 7470A	97,7470A	EZ
Nickel, Dissolved	ND		mg/l	0.025	--	1	06/14/10 13:10	06/16/10 17:54	EPA 3005A	97,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:54	EPA 3005A	97,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	06/14/10 13:10	06/17/10 14:54	EPA 3005A	97,6010B	AI
Thallium, Dissolved	ND		mg/l	0.0020	--	4	06/12/10 10:30	06/15/10 04:45	EPA 3005A	97,6020A	BM
Vanadium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:54	EPA 3005A	97,6010B	AI
Zinc, Dissolved	0.051		mg/l	0.050	--	1	06/14/10 13:10	06/16/10 17:54	EPA 3005A	97,6010B	AI

Project Name: WALPOLE PARK SOUTH **Lab Number:** L1008812

Project Number: 12700058-003 **Report Date:** 06/21/10

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01-08 Batch: WG417601-1										
Antimony, Dissolved	ND		mg/l	0.0005	--	1	06/12/10 10:30	06/14/10 18:34	97,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0005	--	1	06/12/10 10:30	06/14/10 18:34	97,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01-08 Batch: WG417803-1										
Arsenic, Dissolved	ND		mg/l	0.005	--	1	06/14/10 13:10	06/16/10 17:15	97,6010B	AI
Barium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:15	97,6010B	AI
Beryllium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:15	97,6010B	AI
Cadmium, Dissolved	ND		mg/l	0.004	--	1	06/14/10 13:10	06/16/10 17:15	97,6010B	AI
Chromium, Dissolved	ND		mg/l	0.01	--	1	06/14/10 13:10	06/16/10 17:15	97,6010B	AI
Lead, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:15	97,6010B	AI
Nickel, Dissolved	ND		mg/l	0.025	--	1	06/14/10 13:10	06/16/10 17:15	97,6010B	AI
Selenium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:15	97,6010B	AI
Silver, Dissolved	ND		mg/l	0.007	--	1	06/14/10 13:10	06/17/10 14:07	97,6010B	AI
Vanadium, Dissolved	ND		mg/l	0.010	--	1	06/14/10 13:10	06/16/10 17:15	97,6010B	AI
Zinc, Dissolved	ND		mg/l	0.050	--	1	06/14/10 13:10	06/16/10 17:15	97,6010B	AI

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01-08 Batch: WG418542-1										
Mercury, Dissolved	ND		mg/l	0.0002	--	1	06/17/10 17:30	06/18/10 11:28	97,7470A	EZ

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003
Lab Number: L1008812
Report Date: 06/21/10

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: WALPOLE PARK SOUTH

Project Number: 12700058-003

Lab Number: L1008812

Report Date: 06/21/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01-08 Batch: WG417601-2 WG417601-3								
Antimony, Dissolved	95		96		80-120	1		20
Thallium, Dissolved	96		96		80-120	0		20
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01-08 Batch: WG417803-2 WG417803-3								
Arsenic, Dissolved	114		115		80-120	1		20
Barium, Dissolved	98		100		80-120	2		20
Beryllium, Dissolved	100		102		80-120	2		20
Cadmium, Dissolved	109		110		80-120	1		20
Chromium, Dissolved	95		100		80-120	5		20
Lead, Dissolved	107		110		80-120	3		20
Nickel, Dissolved	98		99		80-120	1		20
Selenium, Dissolved	113		115		80-120	2		20
Silver, Dissolved	92		94		80-120	2		20
Vanadium, Dissolved	101		102		80-120	1		20
Zinc, Dissolved	101		102		80-120	1		20
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01-08 Batch: WG418542-2 WG418542-3								
Mercury, Dissolved	114		111		80-120	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG417601-4 QC Sample: L1008812-04 Client ID: GHC-6												
Antimony, Dissolved	ND	0.5	0.4899	98		-	-		75-125	-		20
Thallium, Dissolved	ND	0.12	0.1159	96		-	-		75-125	-		20
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG417803-4 QC Sample: L1008812-04 Client ID: GHC-6												
Arsenic, Dissolved	ND	0.12	0.140	117		-	-		75-125	-		20
Barium, Dissolved	0.063	2	2.04	99		-	-		75-125	-		20
Beryllium, Dissolved	ND	0.05	0.050	100		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.051	0.055	108		-	-		75-125	-		20
Chromium, Dissolved	ND	0.2	0.20	100		-	-		75-125	-		20
Lead, Dissolved	ND	0.51	0.533	104		-	-		75-125	-		20
Nickel, Dissolved	ND	0.5	0.472	94		-	-		75-125	-		20
Selenium, Dissolved	ND	0.12	0.137	114		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.047	95		-	-		75-125	-		20
Vanadium, Dissolved	ND	0.5	0.531	106		-	-		75-125	-		20
Zinc, Dissolved	ND	0.5	0.511	102		-	-		75-125	-		20
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG418542-4 QC Sample: L1008812-04 Client ID: GHC-6												
Mercury, Dissolved	ND	0.001	0.0011	115		-	-		75-125	-		20

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1008812-01A	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-01B	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-01C	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	MCP-CD-6010S-10(180),MCP-7470S-10(28),MCP-AG-6010S-10(180),MCP-SB-6020S-10(180),MCP-ZN-6010S-10(180),MCP-AS-6010S-10(180),MCP-CR-6010S-10(180),MCP-TL-6020S-10(180),MCP-BA-6010S-10(180),MCP-BE-6010S-10(180),MCP-PB-6010S-10(180),MCP-NI-6010S-10(180),MCP-SE-6010S-10(180),MCP-V-6010S-10(180)
L1008812-02A	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-02B	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-02C	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	MCP-CD-6010S-10(180),MCP-7470S-10(28),MCP-AG-6010S-10(180),MCP-SB-6020S-10(180),MCP-ZN-6010S-10(180),MCP-AS-6010S-10(180),MCP-CR-6010S-10(180),MCP-TL-6020S-10(180),MCP-BA-6010S-10(180),MCP-BE-6010S-10(180),MCP-PB-6010S-10(180),MCP-NI-6010S-10(180),MCP-SE-6010S-10(180),MCP-V-6010S-10(180)
L1008812-03A	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-03B	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)

*Values in parentheses indicate holding time in days

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1008812-03C	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	MCP-CD-6010S-10(180),MCP-7470S-10(28),MCP-AG-6010S-10(180),MCP-SB-6020S-10(180),MCP-ZN-6010S-10(180),MCP-AS-6010S-10(180),MCP-CR-6010S-10(180),MCP-TL-6020S-10(180),MCP-BA-6010S-10(180),MCP-BE-6010S-10(180),MCP-PB-6010S-10(180),MCP-NI-6010S-10(180),MCP-SE-6010S-10(180),MCP-V-6010S-10(180)
L1008812-04A	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-04B	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-04C	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	MCP-CD-6010S-10(180),MCP-7470S-10(28),MCP-AG-6010S-10(180),MCP-SB-6020S-10(180),MCP-ZN-6010S-10(180),MCP-AS-6010S-10(180),MCP-CR-6010S-10(180),MCP-TL-6020S-10(180),MCP-BA-6010S-10(180),MCP-BE-6010S-10(180),MCP-PB-6010S-10(180),MCP-NI-6010S-10(180),MCP-SE-6010S-10(180),MCP-V-6010S-10(180)
L1008812-04D	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	MCP-CD-6010S-10(180),MCP-7470S-10(28),MCP-AG-6010S-10(180),MCP-SB-6020S-10(180),MCP-ZN-6010S-10(180),MCP-AS-6010S-10(180),MCP-CR-6010S-10(180),MCP-TL-6020S-10(180),MCP-BA-6010S-10(180),MCP-BE-6010S-10(180),MCP-PB-6010S-10(180),MCP-NI-6010S-10(180),MCP-SE-6010S-10(180),MCP-V-6010S-10(180)
L1008812-05A	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-05B	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-05C	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	MCP-CD-6010S-10(180),MCP-7470S-10(28),MCP-AG-6010S-10(180),MCP-SB-6020S-10(180),MCP-ZN-6010S-10(180),MCP-AS-6010S-10(180),MCP-CR-6010S-10(180),MCP-TL-6020S-10(180),MCP-BA-6010S-10(180),MCP-BE-6010S-10(180),MCP-PB-6010S-10(180),MCP-NI-6010S-10(180),MCP-SE-6010S-10(180),MCP-V-6010S-10(180)
L1008812-06A	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)

*Values in parentheses indicate holding time in days

Project Name: WALPOLE PARK SOUTH
Project Number: 12700058-003

Lab Number: L1008812
Report Date: 06/21/10

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1008812-06B	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-06C	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	MCP-CD-6010S-10(180),MCP-7470S-10(28),MCP-AG-6010S-10(180),MCP-SB-6020S-10(180),MCP-ZN-6010S-10(180),MCP-AS-6010S-10(180),MCP-CR-6010S-10(180),MCP-TL-6020S-10(180),MCP-BA-6010S-10(180),MCP-BE-6010S-10(180),MCP-PB-6010S-10(180),MCP-NI-6010S-10(180),MCP-SE-6010S-10(180),MCP-V-6010S-10(180)
L1008812-07A	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-07B	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-07C	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	MCP-CD-6010S-10(180),MCP-7470S-10(28),MCP-AG-6010S-10(180),MCP-SB-6020S-10(180),MCP-ZN-6010S-10(180),MCP-AS-6010S-10(180),MCP-CR-6010S-10(180),MCP-TL-6020S-10(180),MCP-BA-6010S-10(180),MCP-BE-6010S-10(180),MCP-PB-6010S-10(180),MCP-NI-6010S-10(180),MCP-SE-6010S-10(180),MCP-V-6010S-10(180)
L1008812-08A	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-08B	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-08C	Plastic 250ml HNO3 preserved	A	<2	4	Y	Absent	MCP-CD-6010S-10(180),MCP-7470S-10(28),MCP-AG-6010S-10(180),MCP-SB-6020S-10(180),MCP-ZN-6010S-10(180),MCP-AS-6010S-10(180),MCP-CR-6010S-10(180),MCP-TL-6020S-10(180),MCP-BA-6010S-10(180),MCP-BE-6010S-10(180),MCP-PB-6010S-10(180),MCP-NI-6010S-10(180),MCP-SE-6010S-10(180),MCP-V-6010S-10(180)
L1008812-09A	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	524.2(14)
L1008812-09B	Vial Ascorbic Acid/HCl preserved	A	N/A	4	Y	Absent	-

Container Comments

L1008812-01C

L1008812-07C

*Values in parentheses indicate holding time in days

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L1008812
Project Number:	12700058-003	**Report Date:**	06/21/10

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.

MDL · Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

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.

NI · Not Ignitable.

RL · Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL 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 MCP-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. 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 RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

Report Format: Data Usability Report

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L1008812
Project Number:	12700058-003	**Report Date:**	06/21/10

Data Qualifiers

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	WALPOLE PARK SOUTH	**Lab Number:**	L1008812
Project Number:	12700058-003	**Report Date:**	06/21/10

REFERENCES

16 Methods for the Determination of Organic Compounds in Drinking Water - Supplement II. EPA/600/R-92/129, August 1992.

97 EPA Test Methods (SW-846) with QC Requirements & Performance Standards for the Analysis of EPA SW-846 Methods under the Massachusetts Contingency Plan, WSC-CAM-IIA, IIB, IIIA, IIIB, IIIC, IIID, VA, VB, VC, VIA, VIB, VIIIA and VIIIB, July 2010.

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 Analytical 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 Analytical.

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 June 17, 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,Ti,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, SM4500-CN-CE, SM2540D.
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.)

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, MassDEP EPH, MassDEP VPH.)

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, MassDEP EPH, MassDEP VPH.)

Analytes Not Accredited by NELAP
Certification is not available by NELAP for the following analytes: **EPA 8260B:** Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **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 1

Date Rec'd in Lab: 6/11/10

ALPHA Job #: L1008812

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No:06211012:10

Client Information

Client: Tetra Tech Rizzo
Address: One Grant St
Framingham, MA
Phone: 508 903-2039
Fax: 508 903-2001
Email: ian.cannan@tetratech.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Walpole Park South
Project Location: Walpole, MA
Project #: 127000558_003
Project Manager: Ray Johnson / Ian Cannan
ALPHA Quote #:

Turn-Around Time

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

Date Due: 6/18/10 Time:

Other Project Specific Requirements/Comments/Detection Limits:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l. Deliverables

Billing Information

☒ Same as Client info PO #: c/o AP

Regulatory Requirements/Report Limits

State /Fed Program	Criteria
MA MCP CAM	RCGW-1

MA MCP PRESUMPTIVE CERTAINTY - CT REASONABLE CONFIDENCE PROTOCOLS

☒ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☒ No Are CT RCP (Reasonable Confidence Protocols) Required?

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: VOC (5524.2)	ANALYSIS: diss. MCP 14 Metals	Sample Specific Comments	TOTAL # BOTTLES
8812.1	MW-3	6/11/10	0802	GW	KC	X	X		3
2	RIZ-3		0856						
3	MW-2		0933						
4	GHC-6		1008					*Modified Spike Metals	4
5	RIZ-9		1107						
6	RIZ-10		1230						
7	RIZ-8		1340						
8	MW-9		1410						
9	20100611-TripBlank	6/9/10		TB	Alpha	X			1

SAMPLE HANDLING

Filtration
☒ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	V	P																	
Preservative	A/HCl	N																	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	6/11/10 1612		6/11/10 1612

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)

Appendix F

Copy of DEP Transmittal Forms (BWSC-104 and BWSC-108)

Save | Save and Exit | Validate | Print | Clear | Cancel

Massachusetts Department of Environmental Protection

Bureau of Waste Site Cleanup

BWSC104

RESPONSE ACTION OUTCOME (RAO) STATEMENT

Pursuant to 310 CMR 40.1000 (Subpart J)

Release Tracking Number: 4 - 3021915

For sites with multiple RTNs, enter the Primary RTN above.

A. SITE LOCATION:

1. Site Name/Location Aid: WALPOLE PARK SOUTH

2. Street Address: 15 WALPOLE PARK S

3. City/Town: WALPOLE 4. ZIP Code: 020810000

☑ 5. Check here if a Tier Classification Submittal has been provided to DEP for this disposal site. 4664799

☐ a. Tier IA ☑ b. Tier IB ☐ c. Tier IC ☐ d. Tier II Identify Location of Site 314389

6. If a Tier I Permit has been issued, provide Permit Number: W051766

B. THIS FORM IS BEING USED TO: (check all that apply)

1. List Submittal Date of RAO Statement (if previously submitted): mm/dd/yyyy

☑ 2. Submit a **Response Action Outcome (RAO) Statement**

☐ a. Check here if this RAO Statement covers additional Release Tracking Numbers (RTNs). RTNs that have been previously linked to a Tier Classified Primary RTN do not need to be listed here.

b. Provide additional Release Tracking Number(s) covered by this RAO Statement. ☐ - ☐ ☐ - ☐

☐ 3. Submit a **Revised Response Action Outcome Statement**

☐ a. Check here if this Revised RAO Statement covers additional Release Tracking Numbers (RTNs), not listed on the RAO Statement or previously submitted Revised RAO Statements. RTNs that have been previously linked to a Tier Classified Primary RTN do not need to be listed here.

b. Provide additional Release Tracking Number(s) covered by this RAO Statement. ☐ - ☐ ☐ - ☐

☐ 4. Submit a **Response Action Outcome Partial (RAO-P) Statement**

Check above box, if any Response Actions remain to be taken to address conditions associated with this disposal site having the Primary RTN listed in the header section of this transmittal form. This RAO Statement will record only an RAO-Partial Statement for that RTN. A final RAO Statement will need to be submitted that references all RAO-Partial Statements and, if applicable, covers any remaining conditions not covered by the RAO-Partial Statements.

Also, specify if you are an Eligible Person or Tenant pursuant to M.G.L. c. 21E s.2, and have no further obligation to conduct response actions on the remaining portion(s) of the disposal site:

☐ a. Eligible Person ☐ b. Eligible Tenant

☐ 5. Submit an optional **Phase I Completion Statement** supporting an RAO Statement

☐ 6. Submit a **Periodic Review Opinion evaluating the status of a Temporary Solution** for a Class C-1 RAO Statement, as specified in 310 CMR 40.1051 (Section F is optional)

☐ 7. Submit a **Retraction** of a previously submitted **Response Action Outcome Statement** (Sections E & F are not required)

(All sections of this transmittal form must be filled out unless otherwise noted above)

C. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply; for volumes, list cumulative amounts)

- ☐ 1. Assessment and/or Monitoring Only
- ☐ 2. Temporary Covers or Caps
- ☐ 3. Deployment of Absorbent or Containment Materials
- ☐ 4. Treatment of Water Supplies
- ☐ 5. Structure Venting System
- ☐ 6. Engineered Barrier
- ☐ 7. Product or NAPL Recovery
- ☐ 8. Fencing and Sign Posting
- ☐ 9. Groundwater Treatment Systems
- ☐ 10. Soil Vapor Extraction
- ☐ 11. Bioremediation
- ☐ 12. Air Sparging
- ☑ 13. Monitored Natural Attenuation
- ☐ 14. In-situ Chemical Oxidation
- ☐ 15. Removal of Contaminated Soils
  - ☐ a. Re-use, Recycling or Treatment
    - ☐ i. On Site Estimated volume in cubic yards
    - ☐ ii. Off Site Estimated volume in cubic yards

    iia. Facility Name: Town: State:

    iib. Facility Name: Town: State:

    iii. Describe:
  - ☐ b. Landfill
    - ☐ i. Cover Estimated volume in cubic yards

      Facility Name: Town: State:
    - ☐ ii. Disposal Estimated volume in cubic yards

      Facility Name: Town: State:
- ☐ 16. Removal of Drums, Tanks or Containers:

  a. Describe Quantity and Amount:

  b. Facility Name: Town: State:

  c. Facility Name: Town : State:
- ☐ 17. Removal of Other Contaminated Media:

  a. Specify Type and Volume:

  b. Facility Name: Town: State:

  c. Facility Name: Town: State:

C. DESCRIPTION OF RESPONSE ACTIONS (cont.): (check all that apply; for volumes, list cumulative amounts)

☐ 18. Other Response Actions:

Describe:

☐ 19. Use of Innovative Technologies:

Describe:

D. SITE USE:

1. Are the response actions that are the subject of this submittal associated with the *redevelopment, reuse* or the *major expansion of the current use* of property(ies) impacted by the presence of oil and/or hazardous materials?

☐ a. Yes ☑ b. No ☐ c. Don't know

2. Is the property a *vacant or under-utilized commercial or industrial* property ("a brownfield property")?

☐ a. Yes ☑ b. No ☐ c. Don't know

3. Will funds from a state or federal brownfield incentive program be used on one or more of the property(ies) within the disposal site?

☐ a. Yes ☑ b. No ☐ c. Don't know If Yes, identify program(s):

4. Has a Covenant Not to Sue been obtained or sought?

☐ a. Yes ☑ b. No ☐ c. Don't know

5. Check all applicable categories that apply to the person making this submittal: ☐ a. Redevelopment Agency or Authority

☐ b. Community Development Corporation ☐ c. Economic Development and Industrial Corporation

☑ d. Private Developer ☐ e. Fiduciary ☐ f. Secured Lender ☐ g. Municipality

☐ h. Potential Buyer (non-owner) ☐ i. Other, describe:

This data will be used by MassDEP for information purposes only, and does not represent or create any legal commitment, obligation or liability on the part of the party or person providing this data to MassDEP.

E. RESPONSE ACTION OUTCOME CLASS:

Specify the Class of Response Action Outcome that applies to the disposal site, or site of the Threat of Release.
Select **ONLY** one Class.

☐ **1. Class A-1 RAO**: Specify one of the following:

☐ a. Contamination has been reduced to background levels. ☐ b. A Threat of Release has been eliminated.

☑ **2. Class A-2 RAO:** You **MUST** provide justification that reducing contamination to or approaching background levels is infeasible.

☐ **3. Class A-3 RAO**: You **MUST** provide an implemented Activity and Use Limitation (AUL) and justification that reducing contamination to or approaching background levels is infeasible.

☐ **4. Class A-4 RAO**: You **MUST** provide an implemented AUL, justification that reducing contamination to or approaching background levels is infeasible, and justification that reducing contamination to less than Upper Concentration Limits (UCLs) 15 feet below ground surface or below an Engineered Barrier is infeasible. If the Permanent Solution relies upon an Engineered Barrier, you must provide or have previously provided a Phase III Remedial Action Plan that justifies the selection of the Engineered Barrier.

E. RESPONSE ACTION OUTCOME CLASS (cont.):

☐ **5. Class B-1 RAO: Specify one of the following:**

☐ a. Contamination is consistent with background levels ☐ b. Contamination is **NOT** consistent with background levels.

☐ **6. Class B-2 RAO**: You **MUST** provide an implemented AUL.

☐ **7. Class B-3 RAO**: You **MUST** provide an implemented AUL and justification that reducing contamination to less than Upper Concentration Limits (UCLs) 15 feet below ground surface is infeasible.

☐ **8. Class C-1 RAO**: You must submit a plan as specified at 310 CMR 40.0861(2)(h). Indicate type of ongoing response actions.

☐ a. Active Remedial System ☐ b. Active Remedial Monitoring Program ☐ c. None

☐ d. Other Specify: _____

☐ **9. Class C-2 RAO**: You must hold a valid Tier I Permit or Tier II Classification to continue response actions toward a Permanent Solution.

F. RESPONSE ACTION OUTCOME INFORMATION:

1. Specify the Risk Characterization Method(s) used to achieve the RAO described above:

☐ a. Method 1 ☑ b. Method 2 ☐ c. Method 3

☐ d. Method Not Applicable-Contamination reduced to or consistent with background, or Threat of Release abated

2. Specify all Soil Category(ies) applicable. More than one Soil Category may apply at a Site. Be sure to check off all **APPLICABLE** categories:

☑ a. S-1/GW-1 ☑ d. S-2/GW-1 ☐ g. S-3/GW-1

☑ b. S-1/GW-2 ☑ e. S-2/GW-2 ☐ h. S-3/GW-2

☑ c. S-1/GW-3 ☑ f. S-2/GW-3 ☐ i. S-3/GW-3

3. Specify all Groundwater Category(ies) impacted. A site may impact more than one Groundwater Category. Be sure to check off all **IMPACTED** categories:

☑ a. GW-1 ☐ b. GW-2 ☑ c. GW-3 ☐ d. No Groundwater Impacted

4. Specify remediation conducted:

☐ a. Check here if soil remediation was conducted.

☐ b. Check here if groundwater remediation was conducted.

5. Specify whether the analytical data used to support the Response Action Outcome was generated pursuant to the Department's Compendium of Analytical Methods (CAM) and 310 CMR 40.1056:

☑ a. CAM used to support all analytical data. ☐ b. CAM used to support some of the analytical data.

☐ c. CAM not used.

☑ 6. Check here to certify that the Class A, B or C Response Action Outcome includes a Data Usability Assessment and Data Representativeness Evaluation pursuant to 310 CMR 40.1056.

7. Estimate the number of acres this RAO Statement applies to: _____

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC104

RESPONSE ACTION OUTCOME (RAO) STATEMENT

Pursuant to 310 CMR 40.1000 (Subpart J)

Release Tracking Number
4 - 3021915

G. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> *if Section B indicates that either an* ***RAO Statement, Phase I Completion Statement and/or Periodic Review Opinion*** *is being provided,* the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: 6118

2. First Name: RAYMOND C 3. Last Name: JOHNSON

4. Telephone: (508) 903-2000 5. Ext.: 6. FAX:

7. Signature:

8. Date: mm/dd/yyyy

9. LSP Stamp:

H. PERSON MAKING SUBMITTAL:

1. Check all that apply: ☐ a. change in contact name ☐ b. change of address ☐ c. change in the person undertaking response actions

2. Name of Organization: WALPOLE PARK SOUTH TRUST

3. Contact First Name: DONNELL 4. Last Name: MURPHY

5. Street: PO BOX 123 6. Title: TRUSTEE

7. City/Town: WALPOLE 8. State: MA 9. ZIP Code: 020810000

10. Telephone: (508) 668-1200 11. Ext.: 12. FAX:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC104

RESPONSE ACTION OUTCOME (RAO) STATEMENT

Pursuant to 310 CMR 40.1000 (Subpart J)

Release Tracking Number
4 - 3021915

I. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON MAKING SUBMITTAL:

☑ 1. RP or PRP ☑ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☐ e. Other RP or PRP Specify:

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ 4. Any Other Person Making Submittal Specify Relationship:

J. REQUIRED ATTACHMENT AND SUBMITTALS:

☐ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

☐ 2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of an RAO Statement that relies on the public way/rail right-of-way exemption from the requirements of an AUL.

☑ 3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of a RAO Statement with instructions on how to obtain a full copy of the report.

☑ 4. Check here to certify that documentation is attached specifying the location of the Site, or the location and boundaries of the Disposal Site subject to this RAO Statement. If submitting an RAO Statement for a PORTION of a Disposal Site, you must document the location and boundaries for both the portion subject to this submittal and, to the extent defined, the entire Disposal Site.

☑ 5. Check here to certify that, pursuant to 310 CMR 40.1406, notice was provided to the owner(s) of each property within the disposal site boundaries, or notice was not required because the disposal site boundaries are limited to property owned by the party conducting response actions. (check all that apply)

☐ a. Notice was provided prior to, or concurrent with the submittal of a Phase II Completion Statement to the Department.

☐ b. Notice was provided prior to, or concurrent with the submittal of this RAO Statement to the Department.

☑ c. Notice not required. d. Total number of property owners notified, if applicable:

☐ 6. Check here if required to submit one or more AULs. You must submit an AUL Transmittal Form (BWSC113) and a copy of each implemented AUL related to this RAO Statement. Specify the type of AUL(s) below: (required for Class A-3, A-4, B-2, B-3 RAO Statements)

☐ a. Notice of Activity and Use Limitation b. Number of Notices submitted:

☐ c. Grant of Environmental Restriction d. Number of Grants submitted:

☐ 7. If an RAO Compliance Fee is required for any of the RTNs listed on this transmittal form, check here to certify that an RAO Compliance Fee was submitted to DEP, P. O. Box 4062, Boston, MA 02211.

☐ 8. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Address/Location Aid. Send corrections to the DEP Regional Office.

☑ 9. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC104

RESPONSE ACTION OUTCOME (RAO) STATEMENT

Pursuant to 310 CMR 40.1000 (Subpart J)

Release Tracking Number
4 - 3021915

K. CERTIFICATION OF PERSON MAKING SUBMITTAL:

1. I, _____, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: _____ (Signature)

3. Title: TRUSTEE

4. For: WALPOLE PARK SOUTH TRUST (Name of person or entity recorded in Section H)

5. Date: _____ mm/dd/yyyy

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section H.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____

11. Telephone: _____ 12. Ext.: _____ 13. FAX: _____

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)

Save | Save and Exit | Validate | Print | Clear | Cancel

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC108

COMPREHENSIVE RESPONSE ACTION TRANSMITTAL FORM & PHASE I COMPLETION STATEMENT

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

Release Tracking Number: 4 - 3021915

A. SITE LOCATION:

1. Site Name: WALPOLE PARK SOUTH
2. Street Address: 15 WALPOLE PARK S
3. City/Town: WALPOLE
4. ZIP Code: 020810000
5. ☑ Check here if a Tier Classification Submittal has been provided to DEP for this disposal site.
   - ☐ a. Tier IA
   - ☑ b. Tier IB
   - ☐ c. Tier IC
   - ☐ d. Tier II
6. If applicable, provide the Permit Number: W051766

B. THIS FORM IS BEING USED (check all that apply)

- ☐ 1. Submit a **Phase I Completion Statement**, pursuant to 310 CMR 40.0484.
- ☑ 2. Submit a **Revised Phase I Completion Statement**, pursuant to 310 CMR 40.0484.
- ☐ 3. Submit a **Phase II Scope of Work**, pursuant to 310 CMR 40.0834.
- ☐ 4. Submit an **interim Phase II Report**. This report does not satisfy the response action deadline requirements in 310 CMR 40.0500.
- ☐ 5. Submit a **final Phase II Report and Completion Statement**, pursuant to 310 CMR 40.0836.
- ☐ 6. Submit a **Revised Phase II Report and Completion Statement**, pursuant to 310 CMR 40.0836.
- ☐ 7. Submit a **Phase III Remedial Action Plan and Completion Statement**, pursuant to 310 CMR 40.0862.
- ☐ 8. Submit a **Revised Phase III Remedial Action Plan and Completion Statement**, pursuant to 310 CMR 40.0862.
- ☐ 9. Submit a **Phase IV Remedy Implementation Plan**, pursuant to 310 CMR 40.0874.
- ☐ 10. Submit a **Modified Phase IV Remedy Implementation Plan**, pursuant to 310 CMR 40.0874.
- ☐ 11. Submit an **As-Built Construction Report**, pursuant to 310 CMR 40.0875.
- ☐ 12. Submit a **Phase IV Status Report**, pursuant to 310 CMR 40.0877.
- ☐ 13. Submit a **Phase IV Completion Statement**, pursuant to 310 CMR 40.0878 and 40.0879.

Specify the outcome of Phase IV activities: (check one)

- ☐ a. Phase V Operation, Maintenance or Monitoring of the Comprehensive Remedial Action is necessary to achieve a Response Action Outcome.
- ☐ b. The requirements of a Class A Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.
- ☐ c. The requirements of a Class C Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) has been or will be submitted to DEP.
- ☐ d. The requirements of a Class C Response Action Outcome have been met. Further Operation, Maintenance or Monitoring of the remedial action is necessary to ensure that conditions are maintained and that further progress is made toward a Permanent Solution. A completed Response Action Outcome Statement and Report (BWSC104) has been or will be submitted to DEP.

B. THIS FORM IS BEING USED TO (cont.):(check all that apply)

☐ 14. Submit a **Revised Phase IV Completion Statement**, pursuant to 310 CMR 40.0878 and 40.0879.

☐ 15. Submit a **Phase V Status Report**, pursuant to 310 CMR 40.0892.

☐ 16. Submit a **Remedial Monitoring Report**. (This report can only be submitted through eDEP.)

a. Type of Report: (check one) ☐ i. Initial Report ☐ ii. Interim Report ☐ iii. Final Report

b. Frequency of Submittal: (check all that apply)

☐ i. A Remedial Monitoring Report(s) submitted monthly to address an Imminent Hazard.

☐ ii. A Remedial Monitoring Report(s) submitted monthly to address a Condition of Substantial Release Migration.

☐ iii. A Remedial Monitoring Report(s) submitted concurrent with a Status Report.

c. Status of Site: (check one) ☐ i. Phase IV ☐ ii. Phase V ☐ iii. Remedy Operation Status ☐ iv. Class C RAO

d. Number of Remedial Systems and/or Monitoring Programs: _____

A separate BWSC108A, CRA Remedial Monitoring Report, must be filled out for each Remedial System and/or Monitoring Program addressed by this transmittal form.

☐ 17. Submit a **Remedy Operation Status**, pursuant to 310 CMR 40.0893.

☐ 18. Submit a **Status Report to maintain a Remedy Operation Status**, pursuant to 310 CMR 40.0893(2).

☐ 19. Submit a **Transfer and/or a Modification of Persons Maintaining a Remedy Operation Status (ROS)** , pursuant to 310 CMR 40.0893(5) (check one, or both, if applicable).

☐ a. Submit a Transfer of Persons Maintaining an ROS (the transferee should be the person listed in Section D, "Person Undertaking Response Actions").

☐ b. Submit a Modification of Persons Maintaining an ROS (the primary representative should be the person listed in Section D, "Person Undertaking Response Actions").

c. Number of Persons Maintaining an ROS not including the primary representative: _____

☐ 20. Submit a **Termination of a Remedy Operation Status**, pursuant to 310 CMR 40.0893(6).(check one)

☐ a. Submit a notice indicating ROS performance standards have not been met. A plan and timetable pursuant to 310 CMR 40.0893(6)(b) for resuming the ROS are attached.

☐ b. Submit a notice of Termination of ROS.

☑ 21. Submit a **Phase V Completion Statement**, pursuant to 310 CMR 40.0894.

Specify the outcome of Phase V activities: (check one)

☑ a. The requirements of a Class A Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement (BWSC104) will be submitted to DEP.

☐ b. The requirements of a Class C Response Action Outcome have been met. No additional Operation, Maintenance or Monitoring is necessary to ensure the integrity of the Response Action Outcome. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.

☐ c. The requirements of a Class C Response Action Outcome have been met. Further Operation, Maintenance or Monitoring of the remedial action is necessary to ensure that conditions are maintained and/or that further progress is made toward a Permanent Solution. A completed Response Action Outcome Statement and Report (BWSC104) will be submitted to DEP.

☐ 22. Submit a **Revised Phase V Completion Statement**, pursuant to 310 CMR 40.0894.

☐ 23. Submit a **Post-Class C Response Action Outcome Status Report**, pursuant to 310 CMR 40.0898.

C. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> *if Section B indicates that a* ***Phase I, Phase II, Phase III, Phase IV or Phase V Completion Statement*** *and/or a* ***Termination of a Remedy Operation Status*** *is being submitted*, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B indicates that a* ***Phase II Scope of Work*** *or a* ***Phase IV Remedy Implementation Plan*** *is being submitted*, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B indicates that an* ***As-Built Construction Report****, a* ***Remedy Operation Status****, a* ***Phase IV, Phase V or Post-Class C RAO Status Report,*** *a* ***Status Report to Maintain a Remedy Operation Status,*** *a* ***Transfer or Modification of Persons Maintaining a Remedy Operation Status*** *and/or a* ***Remedial Monitoring Report*** *is being submitted*, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: **6118**

2. First Name: **RAYMOND C** 3. Last Name: **JOHNSON**

4. Telephone: **(508) 903-2000** 5. Ext.: 6. FAX:

7. Signature:

8. Date: (mm/dd/yyyy)

9. LSP Stamp:

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Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC108

Release Tracking Number
4 - 3021915

COMPREHENSIVE RESPONSE ACTION TRANSMITTAL FORM & PHASE I COMPLETION STATEMENT

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

D. PERSON UNDERTAKING RESPONSE ACTIONS:

1. Check all that apply: ☐ a. change in contact name ☐ b. change of address ☐ c. change in the person undertaking response actions

2. Name of Organization: WALPOLE PARK SOUTH TRUST

3. Contact First Name: DONNELL 4. Last Name: MURPHY

5. Street: PO BOX 123 6. Title: TRUSTEE

7. City/Town: WALPOLE 8. State: MA 9. ZIP Code: 020810000

10. Telephone: (508) 668-1200 11. Ext.: 12. FAX:

E. RELATIONSHIP TO SITE OF PERSON UNDERTAKING RESPONSE ACTIONS:

☐ Check here to change relationship

☑ 1. RP or PRP ☑ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☐ e. Other RP or PRP Specify:

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ 4. Any Other Person Undertaking Response Actions Specify Relationship:

F. REQUIRED ATTACHMENT AND SUBMITTALS:

☐ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

☑ 2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of any Phase Reports to DEP.

☐ 3. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the availability of a Phase III Remedial Action Plan.

☐ 4. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the availability of a Phase IV Remedy Implementation Plan.

☐ 5. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of any field work involving the implementation of a Phase IV Remedial Action.

☑ 6. If submitting a Transfer of a Remedy Operation Status (as per 310 CMR 40.0893(5)), check here to certify that a statement detailing the compliance history for the person making this submittal (transferee) is attached.

☐ 7. If submitting a Modification of a Remedy Operation Status (as per 310 CMR 40.0893(5)), check here to certify that a statement detailing the compliance history for each new person making this submittal is attached.

☐ 8. Check here if any non-updatable information provided on this form is incorrect, e.g. Site Name. Send corrections to: BWSC.eDEP@state.ma.us.

☑ 9. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

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COMPREHENSIVE RESPONSE ACTION TRANSMITTAL FORM & PHASE I COMPLETION STATEMENT

Pursuant to 310 CMR 40.0484 (Subpart D) and 40.0800 (Subpart H)

G. CERTIFICATION OF PERSON UNDERTAKING RESPONSE ACTIONS:

1. I, _____ , attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

>*if Section B indicates that this is a* **Modification of a Remedy Operation Status (ROS)**, I attest under the pains and penalties of perjury that I am fully authorized to act on behalf of all persons performing response actions under the ROS as stated in 310 CMR 40.0893(5)(d) to receive oral and written correspondence from MassDEP with respect to performance of response actions under the ROS, and to receive a statement of fee amount as per 4.03(3).

I understand that any material received by the Primary Representative from MassDEP shall be deemed received by all the persons perform ing response actions under the ROS, and I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate or incomplete information.

2. By: _____ 3. Title: **TRUSTEE**

Signature

4. For: **WALPOLE PARK SOUTH TRUST** 5. Date: _____

(Name of person or entity recorded in Section D) (mm/dd/yyyy)

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section D.

7. Street: _____

8. City/Town: _____ 9. State: _____ 10. ZIP Code: _____

11. Telephone: _____ 12. Ext.: _____ 13. FAX: _____

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY:)