FINAL REPORT

Groundwater IRM
Quarterly Groundwater Monitoring Report
1st Qtr - 2013

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Quarterly GW Monitoring Report
1st Qtr - 2013

Evendale, Ohio

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GE Aviation

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1 INTRODUCTION

O'Brien & Gere has prepared this report on behalf of the General Electric Company (GE) to present the results of groundwater monitoring activities conducted during January through March 2013 (herein referred to as First Quarter 2013). Groundwater monitoring was conducted to monitor the temporal effect on groundwater conditions of a groundwater Interim Remedial Measure (IRM). The groundwater IRM, which includes the operation of seven groundwater extraction wells and a groundwater treatment plant (GWTP), has been installed on the southern portion of the GE Aviation manufacturing facility (Facility) in Evendale, Ohio, within an area known as former Air Force Plant 36 (AFP 36) (Figure 1). The groundwater remedial measure was initiated as an IRM under a Resource Conservation and Recovery Act (RCRA) Corrective Action Permit with the objective of mitigating off-site migration of compounds of potential concern (COPCs), while minimizing the risk of cross-contamination and/or reducing the effectiveness of biodegradation processes.

Groundwater monitoring data are evaluated and reported after each sampling event, including evaluations of quality assurance, cross-contamination potential, and significant short-term anomalies. Long-term trends and overall remediation progress will be evaluated and reported annually, at the end of each year.

Groundwater monitoring activities were conducted in accordance with the approach and methods outlined in detail in the *IRM Performance Monitoring Plan* (PMP), prepared by O'Brien & Gere (2010). The groundwater monitoring network consists of a total of 116 wells completed in three water-bearing units (Perched Zone, Upper Sand and Gravel (USG), and Lower Sand and Gravel (LSG)). As outlined in the PMP, the general scope of groundwater monitoring activities includes:

- Groundwater level monitoring using manual electronic as well as pressure transducer measurements at frequencies outlined in the PMP. Monitoring was conducted using a total of 66 wells completed in the Perched Zone (21 wells), USG (23 wells), and LSG (22 wells).
- Groundwater quality sampling using passive diffusion bag samplers (PDBs) for analysis of volatile organic compounds (VOCs) and field bioparameters (*e.g.,* dissolved oxygen [DO] and oxidation-reduction potential [ORP]) in accordance with frequencies outlined in the PMP. Groundwater samples were collected from a total of 44 wells completed in the Perched Zone (12 wells), USG (17 wells), and LSG (15 wells).
- Monthly sampling of groundwater from actively pumping extraction wells for analysis of VOCs.
- Evaluation of data from groundwater level and quality monitoring, including statistical analysis to address hydrogeologic conditions of stability (equilibrium) and potential cross-contamination.

In accordance with the PMP, the results of groundwater monitoring are to be presented in quarterly monitoring reports.

2 METHODS

As outlined in the PMP, Hydraulic Control Monitoring was conducted to evaluate whether the current IRM configuration (*i.e.,* extraction rates and well locations) is achieving the desired capture zone (*i.e.,* hydraulic control), while not exacerbating groundwater contamination. Progress Monitoring was initiated at the conclusion of Hydraulic Control Monitoring for the Perched, USG and LSG when the capture zones for these units were verified and long-term monitoring/evaluation of changes in COPC concentrations in these units was initiated. Hydraulic Control and Progress Monitoring consists of groundwater level and quality monitoring at locations depicted in Figure 1.

Methods and procedures for groundwater level and quality monitoring were conducted in accordance with the U.S. Environmental Protection Agency (USEPA) approved Sampling and Analysis Plan (SAP) (O'Brien & Gere, 2009) and the PMP.

2.1 GROUNDWATER LEVEL MONITORING

Groundwater level monitoring consisted of manual measurements and variable automated measurements (*i.e.*, pressure transducers). Progress monitoring for the First Quarter 2013 included a reduced number of wells for manual monitoring; with the frequency of monitoring reduced as outlined in the PMP as summarized in Table 1. Tables 2 and 3 provide a summary of the wells included in hydraulic control and progress monitoring.

Manual measurements were collected from a total of 36 monitoring wells completed in the Perched Zone (13 wells), USG (11 wells), and LSG (12 wells) (see Table 1). Measurements were collected in accordance with sample collection SOP S-21 contained in Appendix F of the SAP. Static water levels were recorded at each monitoring well using an electronic water level indicator with a stainless steel probe. Automated measurements were collected via pressure transducers installed in a total of 30 monitoring wells completed in the Perched Zone (8 wells), USG (12 wells), and LSG (10 wells). A HOBO U20 Water Level Logger (Model U20-001-01) was installed in each well using a Teflon-coated wireline. The HOBO U20 logger is constructed of fully-sealed, non-vented, stainless steel housing with a ceramic pressure sensor (0-30 ft range; ±0.015 ft). The data logger is retrieved from each well to offload water level data using an optical/USB interface. An additional HOBO U20 logger was installed above the static water level in well PMW-6P for the collection of site barometric pressure data to use in barometric compensation of each non-vented transducer via HOBOware™ software. Manual groundwater level measurements and pressure transducer readings were referenced to monitoring well top-of-casing elevation to generate groundwater elevation data in feet above mean sea level (ft msl), referenced to the North American Vertical Datum of 1988 (NAVD88).

Manual measurements were collected on a quarterly basis and transducers were set to record data every 30 minutes for a total of 48 measurements each day for each of these selected monitoring wells (see Table 1). Transducer data, including barometric data, were downloaded for processing on a quarterly basis. As mentioned above, the barometric data were used for barometric compensation of individual data logger readings to provide accurate groundwater level readings fully compensated for barometric pressure and temperature.

Following barometric compensation of the transducer data via HOBOware™ software, the groundwater level data were downloaded to spreadsheets for barometric correction to remove lagged groundwater level response caused by barometric changes. Manual measurements were also transferred to spreadsheets for barometric correction prior to further analyses. The groundwater level data were corrected for barometric fluctuations using the computer program BETCO (barometric and earth tide correction) developed by Nathanial Toll at Sandia Corporation (Sandia National Laboratories, 2005). Manual measurements were corrected for barometric fluctuations using traditional constant barometric efficiency techniques (Hare and Morse, 1997).

2.2 GROUNDWATER QUALITY MONITORING

Groundwater quality samples were collected for VOC analysis from a total of 44 wells completed in the Perched Zone (12 wells), USG (17 wells), and LSG (15 wells). Groundwater sampling was performed on a quarterly basis

during the First Quarter 2013 in accordance with the PMP. Groundwater samples were collected from the monitoring wells in accordance with the protocols and materials/equipment specified in SOPs S-9 and S-12 (Appendix F of the SAP). Samples for VOC analysis were collected using passive diffusion bag samplers (PDBs). Following PDB retrieval and sample collection, *in-situ* field measurements of pH, specific conductance, temperature, DO, and ORP were collected from the midpoint of the well screen in accordance with SOP S-6/S-6A (Appendix F of the SAP). The samples were shipped via overnight courier to TestAmerica, of Buffalo, New York (TestAmerica) for analysis of VOCs by USEPA Method 8260B.

Groundwater influent and effluent samples were collected for VOC analysis at sampling ports located before (influent) and after (effluent) the air stripper unit at the GWTP. The groundwater influent sample port is located at the combined header, just prior to the bag filters and mixing tank, and is representative of a mixture of groundwater extracted from the pumping wells. Influent and effluent samples were collected to provide compliance monitoring for the operating permit for the treatment unit. Influent and effluent samples were collected semi-monthly during the First Quarter 2013. Groundwater samples were also collected for VOC analysis from each actively pumping extraction well at a sample port located at the extraction well vault. The extraction well samples were collected monthly. Groundwater influent, effluent, and individual extraction well samples were submitted to TestAmerica for analysis of VOCs using USEPA Method 8260B. Procedures involving sample containers, preservation, labeling, chain-of-custody, and shipping were the same as with monitoring well sampling discussed above.

2.3 QUALITY ASSURANCE/QUALITY CONTROL

Field quality control (QC) samples included trip blanks, field duplicates, and matrix spike/matrix spike duplicates (MS/MSDs). These samples were collected in accordance with the site PMP at a frequency of one blind duplicate and MS/MSD per twenty samples and one equipment blank, either per day or per twenty samples, whichever was more frequent. One trip blank was submitted for analysis with each cooler containing groundwater samples for VOC analyses. The QC samples were prepared in accordance with Section 4.3 of the SAP, using the frequencies specified in the Quality Assurance Project Plan (QAPP) tables contained in the SAP. Laboratory QA measures are identified in the SAP.

Level A data validation (*i.e.*, data verification) of laboratory results was conducted on samples collected during First Quarter 2013, in accordance with the procedures outlined in Appendix C of the PMP.

2.4 STATISTICAL ANALYSIS

Statistical methods involving trend analysis and the development of tolerance limits were applied to groundwater level and quality data for the IRM sampling program monitoring wells in accordance with procedures detailed in Appendix B of the PMP. The statistical methods include a two-part *intrawell* strategy using USEPA's unified guidance on statistical analysis at RCRA facilities (USEPA, 2009).

Statistical analysis of groundwater level and quality data was conducted to evaluate stability (steady-state conditions), potential cross-contamination, and the need for pumping optimization. Statistical methods were applied to evaluate:

- Vertical cross-contamination via statistical analysis of groundwater level data
- Vertical cross-contamination via statistical analysis of groundwater quality data
- Equilibrium conditions via statistical analysis of groundwater level data
- Assessment of remedial progress/optimization via statistical analysis of extraction well quality data
- Potential off-site cross-contamination via statistical analysis of groundwater quality data.

Details of each statistical method and application are included in Appendix B of the PMP. Statistical analysis of groundwater levels using Methods I and III of Appendix B were modified to improve sensitivity of the statistical analysis and the level of accuracy applied to trigger values. The modification involved replacement of the

magnitude of standard error with the magnitude of change in slope for comparison with the estimated margin of error (±0.2 ft for the vertical gradient comparisons and ±0.1 ft for the normalized horizontal gradient comparisons). The impact of this modification improves the ability to evaluate significant changes in the vertical hydraulic gradient (Method I) and horizontal hydraulic gradient (Method III).

3 RESULTS

3.1 FIELD OBSERVATIONS

Manual and automated groundwater level measurements were collected according to the frequencies outlined in Table 1, transferred to spreadsheets, corrected for barometric changes, and referenced to top-of-casing elevations. A summary of well completion data for wells included in the groundwater IRM monitoring program is provided in Tables 2 and 3 for groundwater level and groundwater quality monitoring, respectively. Due to the frequency of measurements, particularly transducer measurements (*i.e.*, 48 measurements each day), tabulated data are not included in this report. The data are presented in hydrographs and discussed below in Section 4.1. Groundwater elevation contour maps for the Perched Zone, USG and LSG units on January 8, 2013 are presented in Figures 2, 3 and 4, respectively, and are discussed further below in Section 4.1.3.

Field groundwater quality measurements collected during groundwater sampling events are summarized in Table 4. pH was not measured in about half of the wells due to an equipment malfunction. In the Perched unit sampled in February 2013, pH ranged from 6.83 (AF-13P) to 7.34 (OSMW-1P), DO ranged from 0.39 (OSMW-11P) to 1.97 mg/l (OSMW-1P), and ORP measurements ranged from -210 (AF-4P) to 91.8 mv (OSMW-1P). In the USG, pH ranged from 7.16 (OSMW-11S) to 9.50 (AF-13S), DO ranged from 0.35 (OSMW-10S and OSMW-4S) to 0.94 mg/l (AF-13S), and ORP measurements ranged from -202.3 (AF-4S) to -22.5 mv (AF-13S). In the LSG, pH ranged from 7.26 (OSMW-4D) to 8.21 (AF-11D), DO ranged from 0.28 (AF-11D) to 0.68 mg/l (PMW-2D), and ORP measurements ranged from -260.4 (AF-11D) to -100.8 mv (OSMW-4D).

3.2 ANALYTICAL RESULTS

Groundwater analytical results are summarized in Table 4. VOCs detected above the laboratory reporting limit are provided in this table, in particular, the COPCs found in groundwater consisting of trichloroethene (TCE) and its daughter products cis- and trans-1,2-dichloroethene (cis/trans-1,2-DCE); 1,1-dichloroethene (1,1-DCE); vinyl chloride (VC); and 1,1,1-trichloroethane (TCA) and its daughter product 1,1-dichloroethane (DCA). Laboratory analytical reports for the First Quarter 2013 sampling programs are included in Appendix A.

3.2.1 QA/QC

The laboratory analytical results for VOCs underwent data review and verification by O'Brien & Gere in accordance with Appendix C of the PMP. Details of data verification results for First Quarter 2013 are included in Appendix B.

In summary, except as noted in Appendix B, (1) chain-of-custody forms are complete, (2) laboratory analysis and preparation are in accordance with the QAPP, (3) blanks/LCS/MS/MSDs are within control limits, (4) reporting limits were met, and (5) the QA frequency is correct.

4 DATA EVALUATION

Groundwater elevation data were used to evaluate the potential for cross-contamination and attainment of equilibrium conditions as well as to estimate the capture zone of each extraction well(s) for comparison of actual and predicted groundwater flow paths and system design. Groundwater quality data were used to assess the pumping risk associated with vertical and/or lateral cross-contamination, as well as to measure remedial progress.

To assist in evaluating groundwater elevation and quality data and trends, the following summary of extraction well pumping rates and durations are provided:

- The Perched Zone extraction system consists of four wells (EW-2P, EW-4P, EW-5P, and EW-6P) that continued to operate through the First Quarter 2013. The Perched Zone extraction well average flow rates for the First Quarter 2013 were as follows:
  - EW-2P: 39 gallons per minute (gpm)
  - EW-4P: 30 gpm
  - EW-5P: 43 gpm
  - EW-6P: 43 gpm.
- Extraction well EW-7S, completed in the USG, continued to operate through the First Quarter 2013 at an average flow rate of 35 gpm. The flow rate in EW-7S was reduced from 50 gpm to 45 gpm in early January 2013 to stabilize declining water levels in this extraction well. There were also several periods of system downtime in January and February 2013.
- The LSG extraction wells (EW-3D and EW-8D) continued to operate through the First Quarter 2013 at an average flow rate of 43 gpm for each extraction well.

4.1 GROUNDWATER ELEVATION DATA

Groundwater elevation data were used to create hydrographs and calculate vertical hydraulic gradients between select nested wells for trend and statistical analysis. The results of these analyses were used to evaluate the occurrence of cross-contamination and equilibrium conditions, as outlined in the PMP, as well as estimate the capture zone of each extraction well(s).

4.1.1 Groundwater Levels and Pumping Influence

Hydrographs for monitoring wells from the Perched Zone, USG, and LSG are included in Appendix C, as presented in Figures C-1 through C-5. The dates of pertinent startup and pumping rate changes are identified on these figures. Minor periods of groundwater recovery occurred on January 9-10, 2013, January 13-14, 2013 and March 13-14, 2013, and a more extended period of groundwater recovery occurred from February 7 through 15, 2013 as indicated on the figures in Appendix C. These recovery events are associated with periods of shutdown of the groundwater extraction and treatment system for maintenance. The following comments are provided:

- Previously stable to increasing groundwater levels during the Fourth Quarter 2012 continued, with a slower rate of increase during the First Quarter 2013. This groundwater level increase is due to increased rainfall events in January, late February and March 2013. Rainfall events with greater than approximately 0.5 inches of rainfall occurred on January 13, 2013 (0.88 inches), January 30, 2013 (0.96 inches), February 26, 2013 (0.72 inches), March 11, 2013 (1.00 inch) and March 18, 2013 (1.08 inches)(USGS gaging station; Mill Creek at Kemper Road). Groundwater levels increased in all three water-bearing units as a result of the First Quarter 2013 precipitation and groundwater recharge.
- The depression of groundwater levels in the Perched Zone was maintained during the First Quarter 2013 (Figure C-1 and C-2).
- The depression of groundwater levels in the USG was maintained during the First Quarter 2013 (Figure C-3).

- The depression of groundwater levels in the LSG was maintained during the First Quarter 2013 (Figures C-4 and C-5).

4.1.2 Vertical Hydraulic Gradients

Hydrographs of select nested wells for the evaluation of vertical hydraulic gradients are included in Appendix D, as presented in Figures D-1 through D-9. Figure D-1 shows background conditions at the GM-9 nested wells. The following comments are provided:

- The regional vertical gradient between the Perched Zone, USG, and LSG is downward. However, in most areas of Perched Zone pumping, the vertical gradient between the Perched Zone and USG is upward due to pumping, which can revert to downward during extended shutdown periods (see Figure D-3). Similarly, the vertical gradient between the USG and LSG at the OSMW-4S/D nested series has been upward due to the pumping of EW-7S (see Figure D-5); however, the vertical gradient between the USG and LSG at the AF-11S/D nested series (see Figure D-4) reverted to downward on January 8, 2013 due to the reduction in the pumping rate in EW-7S and the differences in groundwater recharge between the USG and LSG.
- In areas of relatively greater permeability between the major water-bearing zones, groundwater elevations in nested wells were similar to one another and approximated background conditions. For the Perched Zone/USG communication area, see OSMW-1P/S (Figure D-6) and PMW-3P/S (Figure D-7). For the USG/LSG communication area, see AF-9S/D (Figure D-8) in comparison to OSMW-3S/D (Figure D-9). The small upward vertical gradient in AF-9S/D reversed in early January (following the reduction in the pumping rate in EW-7S) to a slight downward vertical gradient at this well location (see Figure D-8).

A summary of statistical analysis of vertical gradients between the water-bearing units is presented in Tables 5 through 7. These tables include summary statistics for the Perched Zone-USG, USG-LSG, and Perched Zone-LSG, respectfully. The following comments are provided:

- In general, the results indicate no significant increasing or decreasing trends, suggesting that flow in the aquifers have reached steady state under pumping conditions.
- Exceptions are the results for the background nested series: GM-9P/S, GM-9S/D, and GM-9P/D, (Tables 5 through 7). The increased downward vertical gradient at GM-9S/D (Table 6) is potentially due to the reduction in the pumping rate in EW-7S and the differences in seasonal recovery within the aquifers affecting the USG slightly greater than the LSG. The other GM-9P/S and GM-9P/D well series (Table 5 and Table 7, respectively) indicate an increased upward vertical gradient.
- Additional exceptions are the results for the OSMW-10P/D, PMW-3P/D, and PMW-3S/D nested series (Tables 6 and 7). An increased downward vertical gradient at these well series locations is due to the differences in seasonal recovery within the aquifers affecting the Perched Zone and USG slightly greater than the LSG. Hydraulic and chemical conditions will continue to be closely monitored at these nested well series.
- Except for the PMW-3 well series, there does not appear to be an indication of vertical cross-contamination based on hydraulic analyses.

4.1.3 Steady-State and Capture Zone Estimates

Statistical analyses to evaluate steady-state or equilibrium conditions are summarized in Table 8. The following comments are provided:

- The monitoring wells during the First Quarter 2013 experienced steadily increasing levels as discussed in Section 4.1.1, which resulted in the majority of the wells indicating stable to increasing significant trends. As discussed further below, the water levels indicate stable capture areas (*e.g.,* compared to estimated declining groundwater levels in select wells during the Fourth Quarter 2012 [O'Brien & Gere, 2013]) within each of the three units associated with the steadily increasing local groundwater levels.
- These statistical test for equilibrium conditions (PMP, Appendix B-III) is designed for assessing the transition between Hydraulic Monitoring and Progress Monitoring. This transition was confirmed during the first half

of 2012 and Progress Monitoring is continuing for all water-bearing zones. Wells included in manual monitoring (*e.g.*, AF-5P/S, AF-6P, AF-10P/S, AF-12P/S/D, AF-13P/S, OSMW-11P/S and TMW-2P/S/D) were removed from the statistical analysis due to the current quarterly schedule and the statistical requirement of using the last 8 measuring events. The data set used in the current analysis (Tables 5 through 8) included data collected at 11-day intervals between January 2013 and March 2013, thus reducing the influence of multiple seasonal changes in groundwater levels.

- Wells monitored using transducers and showing a significant positive or increasing trend (*e.g.*, AF-4S, AF-7S/D, GM-9P/S/D, OSMW-1S/D, OSMW-3S, PMW-3P/S, and TMW-1S) are influenced by rising regional trends during the majority of the First Quarter 2013 monitoring period, as reflected in the increasing trend indicated for the background well series GM-9P/S/D.
- Wells monitored using transducers and showing a significant negative or decreasing trend (*e.g.*, OSMW-10D) are possibly influenced by the continued pumping in the LSG.
- The statistical summary of steady-state conditions (Table 8) indicates stable to increasing trends due to regional increasing water levels.

Using groundwater elevation data, and correcting for background conditions, the estimated capture zone of the Perched Zone, USG, and LSG extraction wells is shown in Figures 2 through 4, respectively. The following comments are provided:

- The estimated capture zone of the Perched Zone extraction wells (Figure 2) approximates or exceeds the capture zone as designed. The Perched capture zone and drawdowns are indicative of steady-state conditions.
- The estimated capture zone of the USG extraction well (Figure 3) is slightly larger than the capture zone as designed. The USG capture zone and drawdowns are indicative of steady-state conditions.
- The estimated capture zone of the LSG extraction wells (Figure 4) is slightly larger than the capture zone as designed, and the capture zone formed by EW-3D appears to be asymmetrical toward the eastern property boundary of the site toward the PMW-3D area. This may be due to variable aquifer properties (*e.g.*, anisotropy and/or lower transmissivity) in this area. The LSG capture zone and drawdowns are indicative of steady-state conditions.

4.2 GROUNDWATER QUALITY DATA

Groundwater quality data were summarized via time-series analyses for individual and nested monitoring wells. Statistical analyses were also conducted to assess pumping risk associated with vertical and/or lateral cross-contamination.

4.2.1 Monitoring Well Data – Cross Contamination Analyses

Field bioparameters (*e.g.*, DO, ORP and pH) are measured to monitor whether pumping is having a detrimental effect on water quality conditions (*i.e.,* cross-contamination and/or reducing the effectiveness of biodegradation processes). Field measurements of DO, ORP and pH from select monitoring wells (Perched Zone, USG and LSG, and nested wells) are summarized in time-series graphs included in Appendix E, as presented in Figures E-1 through E-14. The field data are relatively stable and do not appear to indicate cross-contamination or a reduction in the effectiveness of biodegradation processes within the Perched Zone, USG and LSG. The increasing trend in ORP readings in groundwater from AF-4P, OSMW-10D and PMW-3P/S reversed during the First Quarter 2013.

Groundwater quality data for total VOCs from select monitoring wells are also summarized in time-series graphs included in Appendix E, as presented in Figures E-1 through E-14. These include data for select Perched Zone, USG and LSG, and nested wells. The following comments are provided:

- VOCs concentrations appear to be stable for most wells monitored; furthermore, previously observed increasing VOC concentrations in AF-4 P/S, PMW-3S, TMW-1P, OSMW-4D and OSMW-10S (Figures E-3, E-6,

E-7, E-9 and E-13) were either stable or decreased during the First Quarter 2013. However, VOC concentrations in AF-9S (E-10) continued to increase during the First Quarter 2013. The following comments are provided:

- » PMW-3D- increase is due to cis 1,2-DCE and VC, but has been relatively stable since peaking in June/July 2012
- » OSMW-4S- increase is due to VC from 22 to 77 µg/l, likely associated with the pumping of EW-8D, but is within the historical range
- » OSMW-4D- concentrations leveled off during the First Quarter 2013
- » OSMW-10S- increase is due to TCA, DCA, 1,1-DCE, cis 1,2-DCE, and VC, likely associated with the pumping of EW-3D, but leveled off during the First Quarter 2013
- » AF-9S- increase is due to VC from 20 to 45 µg/l.

- These wells will continue to be monitored to evaluate these conditions.

A statistical summary of intrawell analysis to evaluate the potential for vertical and lateral cross-contamination is presented in Table 9. Statistical analysis of nested and off-site wells for comparison with baseline quality (*i.e.*, TCE-group and TCA-group Upper Tolerance Limits [UTLs]) is summarized. The following comments are provided:

- UTL exceedances that are due to groundwater extraction and drawing COPCs into the capture area of the extraction system (as designed), and are not an indication of vertical or lateral cross-contamination, include:
  - » AF-4P - triggered for both the TCA and TCE Groups because the analysis compared the UTL values developed from non-detectable or low detections of baseline concentrations
  - » AF-13S - triggered for the TCE Group by an increase in the cis 1,2-DCE concentration
  - » OSMW-4D - triggered for the TCE Group by an increase in the VC concentration and to a lesser extent the cis 1,2-DCE concentration
- UTL exceedances due to potential lateral and/or vertical cross-contamination include:
  - » OSMW-11P and OSMW-12P - the influence of potential off-site sources includes locations that are monitored by wells to the east of the Facility, such as the OSMW-11, OSMW-12, OSMW-13 series. Potential off-site contribution was indicated at OSMW-11P (TCE Group) and OSMW-12P (TCA and TCE Group) based on the UTL exceedance; however, the analysis compared the UTL values developed from non-detectable or low detections of baseline concentrations. As a result, small increases in CVOCs will trigger the UTL exceedance. No indication of lateral or vertical cross-contamination is currently shown; however, these wells will continue to be evaluated for cross-contamination from potential off site or other sources.
  - » OSMW-10S - triggered for the TCE Group by an increase in cis 1,2-DCE and VC concentrations and could be indicative of vertical migration of impacted groundwater in the Perched/USG communication area, and will continue to be monitored and evaluated.
  - » PMW-3D - triggered for the TCE Group and is indicative of potential vertical cross-contamination largely due to the cis 1,2-DCE and VC concentrations in this well. Concentrations have dropped below peak concentrations; however, both PMW-3S and PMW-3D will continue to be monitored for changes in TCE-group concentrations at a frequency greater than outlined in the PMP.

4.2.2 Extraction Well and Influent

Groundwater quality data for extraction wells and IRM system influent samples are included in Appendix F, as presented in Figures F-1 through F-9. Total VOC and individual CVOC concentrations for the combined influent from the active extraction wells are shown in Figure F-1. As anticipated, CVOCs are dominated by TCE (and to some degree, TCA) because the majority of pumping is from the Perched Zone. Total VOC concentrations over

time for individual extraction wells are presented in Figure F-2. Time series plots of individual CVOC constituents for each Perched Zone, USG and LSG extraction well are shown in Figures F-3 through F-9. The following comments are provided:

- The data indicate steady or decreasing concentrations of CVOCs, except for VC in EW-7S and EW-8D.
- VC concentrations in EW-7S and to a lesser extent EW-8D have increased even as overall CVOCs in these wells have decreased or remained stable[1].

A statistical summary of extraction well and IRM system influent analysis to evaluate the progress of the IRM system is presented in Table 10. As outlined in the PMP, influent concentrations for each extraction well are evaluated statistically (*i.e.*, normal or lognormal distribution; parametric versus non-parametric; seasonal adjustment) to identify stable or decreasing trends in concentrations. The trend analysis assists in evaluating whether continued pumping is beneficial or operational effectiveness may be improved. The following comments are provided:

- The decrease in influent concentrations in the Perched extraction wells (and associated significant negative or decreasing trends) appear to be predominantly related to the decrease in TCE concentrations in extraction wells EW-2P, EW-4P, and EW-5P and TCA concentrations in extraction well EW-4P (see Figures F-2 through F-9, and Table 10). This is partially due to the higher mass percentage of TCE and TCA in these extraction wells. Significant positive (or increasing concentration) trends for DCA in EW-4P and VC in EW-5P were caused by small increases in these constituents that have been detected at relatively low (<20 µg/l) concentrations. The influent analytical data should continue to be monitored during the Second Quarter 2013 to evaluate if the pumping rates of the wells should be adjusted to accommodate varying saturated zone thickness and plume movement within the capture area.
- Decreases in other extraction well concentrations for individual constituents do not indicate the need for IRM system optimization associated with these wells. Decreases in cis 1,2-DCE in extraction wells EW-3D and EW-8D are off-set by increases in TCE in EW-3D and VC in EW-8D (see Figures F-7 and F-9). The decreasing trends in individual constituents in EW-3D and EW-8D should continue to be monitored during the Second Quarter 2013.

[1] This may indicate degradation of cis 1,2-DCE or capture of more VC impacted groundwater.

5 SUMMARY

Groundwater monitoring during the First Quarter 2013 consisted of the collection and analysis of groundwater level and quality data to evaluate the occurrence of cross-contamination and significant short-term anomalies. Highlights of this evaluation are summarized as follows:

5.1 IRM-RELATED MONITORING

In areas of active pumping and observed drawdown (*e.g.*, within approximately 200 to 250 feet of extraction wells), the regional downward vertical gradient between the pumped and underlying water-bearing unit was reversed following startup of pumping. In contrast, groundwater levels in those nested wells completed in the Perched Zone/USG and USG/LSG communication areas were at similar elevations. In these areas, the small vertical gradients periodically reverse direction and will continue to be monitored as outlined in the PMP.

The estimated capture zones in the Perched Zone, USG and LSG approximate, or are greater than, the design capture zone, meeting an objective of the groundwater IRM.

Groundwater level monitoring in the Perched Zone, USG, and LSG during the First Quarter 2013 indicates steady-state conditions, superimposed upon a seasonal increase in overall groundwater levels.

Groundwater quality data do not show significant trends in VOC concentrations indicative of cross-contamination, based on nested wells completed in the Perched Zone, USG and LSG units. An exception is for PMW-3S/3D and OSMW-10S. Groundwater from PMW-3S/D have shown increasing cis 1,2-DCE and VC concentrations that peaked in June/July 2012; however, concentrations in the USG are showing signs of decreasing concentration and VC concentrations in PMW-3D remain below peak concentrations measured in June/July 2012. Groundwater from OSMW-10S has shown increasing concentrations of TCE associated degradation products, reversing a downward trend last measured in February 2012. Concentration trend and groundwater flow direction will continue to be monitored.

Conclusions from hydrograph and VOC time-series analyses are further supported by statistical analyses, summarized as follows:

- **Vertical Cross-Contamination – Hydraulic Data**
  - *No Apparent Increased Risk of Vertical Cross-Contamination at Present Pumping Rates Based on Available Data (except possibly the area of PMW-3S/D[2])*
- **Vertical Cross-Contamination – Chemical Data**
  - *Results from PMW-3S/D[2] and OSMW-10S indicate an Apparent Increased Risk of Vertical Cross-Contamination at Present Pumping Rates Based on Available Data*
- **Extraction Well Influent – Chemical Data**
  - *Continue Pumping/Evaluate EW-2P, EW-4P, and EW-5P during the Second Quarter 2013 to evaluate IRM system optimization*
- **Potential Off-Site Sources – Chemical Data**
  - *Results from PMW-3S/D[2] (and possibly OSMW-10S) indicate an Apparent Contribution from Potential Off-Site Sources.*

[2] VC and cis 1,2-DCE increases at PMW3S/D, coupled with a nearby southwesterly groundwater flow direction; suggest potential off-site (to the east) source(s). Recent data may indicate a near-term stabilization or decrease of concentrations. Concentration trends and groundwater flow direction will continue to be monitored at an accelerated frequency.

6 REFERENCES

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U.S. Environmental Protection Agency, 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities: Unified Guidance. EPA 530-R-09-007. March 2009.

Tables

Table 1

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Location and Frequency of Hydraulic and Chemical Monitoring (1Q-13)

Hydraulic Monitoring		
Group A	**Group B**	**Group C**
Recorded every 30 minutes; downloaded quarterly[1]	Manual - quarterly[1]	Manual - quarterly[1]
AF-4P	AF-5P	AF-2P
AF-4S	AF-5S	AF-8S
AF-7P	AF-6P	AF-14P
AF-7S	AF-6S	AF-14S
AF-7D	AF-10S	AF-15D
AF-9S	AF-12P	AF-17D
AF-9D	AF-12S	AF-23P
AF-10P	AF-12D	H-223
AF-11S	AF-13P	OSMW-6D
AF-11D	AF-20S	OSMW-7D
AF-13S	AF-20D	OSMW-9S
AF-19S	AF-21D	
AF-19D	OSMW-1P	
AF-25P	OSMW-2P	
GM-9P	OSMW-9D	
GM-9S	OSMW-10P	
GM-9D	OSMW-10S	
OSMW-1S	OSMW-10D	
OSMW-1D	OSMW-11P	
OSMW-3S	OSMW-11S	
OSMW-3D	PMW-2D	
OSMW-4S	PMW-5P	
OSMW-4D	TMW-2P	
PMW-3P	TMW-2S	
PMW-3S	TMW-2D	
PMW-3D		
PMW-4D		
PMW-6P		
TMW-1P		
TMW-1S		
Groundwater Sampling		
Group D		
Quarterly [2,3,4]		
AF-4P	AF-25P	OSMW-11S
AF-4S	OSMW-1P	OSMW-11D
AF-5P	OSMW-1S	OSMW-12P
AF-5S	OSMW-1D	OSMW-13P
AF-6S	OSMW-3S	PMW-2D
AF-7P	OSMW-3D	PMW-3P
AF-7S	OSMW-4S	PMW-3S
AF-7D	OSMW-4D	PMW-3D
AF-9S	OSMW-6D	PMW-4D
AF-11S	OSMW-9S	TMW-1P
AF-11D	OSMW-9D	TMW-1S
AF-13P	OSMW-10P	TMW-1D
AF-13S	OSMW-10S	TMW-2S
AF-19S	OSMW-10D	TMW-2D
AF-19D	OSMW-11P	

[1] Semi-weekly = every half week; Semi-monthly = every half month; Bi-monthly = every two months

[2] USEPA Methods 8260B as per QAPP (O'Brien & Gere, 2009)

[3] Data Validation - Level A for all sampling, except verification re-sampling at Level B (see Appendix C)

[4] For a complete list of analytes and frequencies, see Table 10 of the Performance Monitoring Plan (O'Brien & Gere, 2010)

Additionally, the following semiannual groundwater sampling program wells that are not also part of the PMP sampling program are hydraulically monitored and sampled during the second and fourth quarterly sampling events: AF-2P, AF-3P, AF-5D, AF-21D, AF-23P, AF-24P, AOC LDMW-1S, AOC PSTMW-1SR, AOC PSTMW-2S, H-221, OSMW-2P, OSMW-5S, OSMW-5D, OSMW-6S, OSMW-7D, OSMW-8S, and OSMW-8D

Table 2

GE OHD 000 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Well Completion Data - Groundwater Level Monitoring

Water-Bearing Zone	Well ID - Groundwater Level Monitoring			Transducer[3]	Northing (feet)	Easting (feet)	Ground Surface Elev (ft)	TOC Elevation (ft)	Inner Casing Diameter (inches)	Well Screen				Total Depth (ft bTOC)[4]
	Hydraulic Control Monitoring	Progress Monitoring[1]	Semiannual Monitoring[2]							Top (ft bgs)	Top (ft msl)	Bottom (ft bgs)	Bottom (ft msl)	
Perched														
	AF-2P	AF-2P	AF-2P		456379.19	1418008.71	562.10	563.39	2.00	28.00	534.10	33.00	529.10	34.46
			AF-3P		456297.40	1417884.19	560.40	561.82	2.00	21.00	539.40	31.00	529.40	32.42
	AF-4P	AF-4P		T	456180.93	1417877.42	560.40	561.90	2.00	24.50	535.90	34.50	525.90	36.21
	AF-5P	AF-5P	AF-5P		455882.90	1417831.43	559.80	561.22	2.00	28.00	531.80	33.00	526.80	34.75
	AF-6P	AF-6P			456059.85	1417402.52	559.80	561.68	2.00	27.70	532.10	32.70	527.10	35.34
	AF-7P	AF-7P	AF-7P	T	455478.24	1417577.30	559.80	561.21	2.00	31.50	528.30	36.50	523.30	37.43
	AF-10P	AF-10P		T	456127.64	1416977.53	559.90	561.48	2.00	17.40	542.50	22.40	537.50	23.68
	AF-12P	AF-12P			456295.77	1416183.22	574.20	575.05	2.00	14.50	559.70	19.50	554.70	20.78
	AF-13P	AF-13P			456494.02	1416526.13	565.40	566.82	2.00	35.37	530.03	45.37	520.03	32.45
		AF-14P			456528.73	1416790.19	559.53	558.54	2.00	17.50	542.03	27.50	532.03	28.92
	AF-23P	AF-23P	AF-23P		457010.00	1417595.00	560.00	559.75	2.00	22.88	537.12	32.88	527.12	32.15
	AF-24P		AF-24P		456451.17	1417576.18	559.82	558.89	2.00	26.23	533.59	36.23	523.59	35.40
	AF-25P	AF-25P	AF-25P	T	456074.92	1417500.43	558.40	558.08	2.00	23.27	535.13	33.27	525.13	33.10
	AF-26P				456122.18	1417674.94	558.30	557.78	2.00	30.96	527.34	40.96	517.34	35.44
			AOC LDMW-1S		457924.00	1417429.00	556.20	555.81	2.00	13.29	542.91	23.29	532.91	22.90
			AOC PSTMW-1SR		459022.76	1417784.33	556.91		2.00					
			AOC PSTMW-2S		458993.37	1417998.15	559.90	559.70	2.00	18.50	541.40	28.50	531.40	24.50
	GM-3P				457074.62	1418304.17	559.50	559.24	2.00	19.30	540.20	29.30	530.20	29.3[5]
	GM-9P	GM-9P		T	457104.10	1417217.11	560.30	559.95	2.00	18.00	542.30	28.00	532.30	27.65
			H-221		454547.97	1417264.66	554.70	554.37	2.00	20.00	534.70	30.00	524.70	28.65
	OSMW-1P	OSMW-1P	OSMW-1P		455078.23	1417736.02	551.50	554.09	2.00	20.00	531.50	30.00	521.50	32.53
	OSMW-2P	OSMW-2P	OSMW-2P		455601.82	1417822.50	554.80	557.01	2.00	27.00	527.80	37.00	517.80	38.87
	OSMW-10P	OSMW-10P			455020.27	1417400.34	555.82	558.57	2.00	20.00	535.82	30.00	525.82	32.57
	OSMW-11P	OSMW-11P			455459.30	1418006.45	552.04	551.71	2.00	13.00	539.04	23.00	529.04	22.93
	OSMW-12P				455880.25	1418332.91	553.66	553.35	2.00	14.70	538.96	24.70	528.96	24.63
	OW-1P				455883.50	1417685.55	559.42	559.75	2.00	30.00	529.42	35.00	524.42	35[5]
	PMW-3P	PMW-3P		T	455249.65	1417470.90	557.41	560.10	2.00	16.00	541.41	26.00	531.41	29.07
	PMW-5P	PMW-5P			1417293.42	455489.81	559.11	558.71	2.00	20.15	538.96	30.15	528.96	29.75
	PMW-6P	PMW-6P		T	1417456.08	455769.69	561.50	561.10	2.00	28.57	532.93	38.57	522.93	38.17
	TMW-1P	TMW-1P		T	455737.69	1417702.75	559.77	562.12	2.00	22.00	537.77	32.00	527.77	33.84
	TMW-2P	TMW-2P			455595.65	1416931.21	556.94	559.71	2.00	28.50	528.44	33.50	523.44	38.45

Table 2

GE OHD 000 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Well Completion Data - Groundwater Level Monitoring

Water-Bearing Zone	Well ID - Groundwater Level Monitoring			Transducer[3]	Northing (feet)	Easting (feet)	Ground Surface Elev (ft)	TOC Elevation (ft)	Inner Casing Diameter (inches)	Well Screen				Total Depth (ft bTOC)[4]
	Hydraulic Control Monitoring	Progress Monitoring[1]	Semiannual Monitoring[2]							Top (ft bgs)	Top (ft msl)	Bottom (ft bgs)	Bottom (ft msl)	
USG														
	AF-4S	AF-4S		T	456183.67	1417879.81	560.30	562.22	2.00	43.00	517.30	53.00	507.30	54.03
	AF-5S	AF-5S	AF-5S		455887.32	1417833.15	559.60	561.60	2.00	41.00	518.60	51.00	508.60	51.92
	AF-6S	AF-6S			456056.40	1417402.71	560.10	562.67	2.00	41.00	519.10	51.00	509.10	52.80
	AF-7S	AF-7S	AF-7S	T	455482.27	1417577.68	559.70	562.02	2.00	45.00	514.70	55.00	504.70	56.68
	AF-8S				455524.80	1417088.16	559.10	561.08	2.00	50.00	509.10	50.00	499.10	60.00
	AF-9S	AF-9S	AF-9S	T	455790.53	1416793.04	562.00	564.19	2.00	50.00	512.00	60.00	502.00	61.75
	AF-10S	AF-10S			456134.19	1416979.21	559.90	561.98	2.00	61.00	498.90	71.00	488.90	67.75
	AF-11S	AF-11S		T	456094.23	1416577.99	564.70	565.20	2.00	53.00	511.70	63.00	501.70	63.27
	AF-12S	AF-12S			456295.87	1416186.19	574.00	575.41	2.00	64.00	510.00	74.00	500.00	72.31
	AF-13S	AF-13S		T	456488.94	1416522.95	565.20	567.91	2.00	46.50	518.70	56.50	508.70	56.5[5]
	AF-14S				456526.22	1416788.87	559.50	558.56	2.00	56.50	503.00	66.50	493.00	66.5[5]
	AF-19S	AF-19S		T	455823.23	1417037.78	561.60	563.87	2.00	52.40	509.20	62.40	499.20	64.65
	AF-20S	AF-20S			455927.77	1416940.35	559.80	562.47	2.00	59.00	500.80	69.00	490.80	71.57
	GM-9S	GM-9S		T	457108.81	1417214.23	561.00	560.13	2.00	43.00	518.00	53.00	508.00	52.09
	OSMW-1S	OSMW-1S	OSMW-1S	T	455082.59	1417738.59	551.50	554.14	2.00	41.00	510.50	51.00	500.50	52.84
	OSMW-3S	OSMW-3S	OSMW-3S	T	455309.01	1417107.64	557.10	559.91	2.00	54.00	503.10	64.00	493.10	66.60
	OSMW-4S	OSMW-4S	OSMW-4S	T	456144.10	1416386.57	565.50	565.10	2.00	65.00	500.50	75.00	490.50	75.84
			OSMW-5S		453589.27	1416137.49	576.70	576.44	2.00	63.80	512.90	73.80	502.90	73.54
			OSMW-6S		455149.40	1416267.11	586.61	586.38	2.00	80.00	506.61	90.00	496.61	88.78
			OSMW-8S		454625.51	1415147.34	584.64	584.33	2.00	77.41	507.23	87.41	497.23	86.70
	OSMW-9S	OSMW-9S			455705.63	1415409.73	594.66	594.37	2.00	88.80	505.86	98.80	495.86	101.30
	OSMW-10S	OSMW-10S			455019.93	1417400.39	555.82	558.59	2.00	47.20	508.62	57.20	498.62	58.20
	OSMW-11S	OSMW-11S			455459.42	1418006.57	552.04	551.64	2.00	37.25	514.79	47.25	504.79	47.20
	PMW-3S	PMW-3S		T	455249.82	1417470.89	557.41	560.12	2.00	44.80	512.61	54.80	502.61	57.40
	TMW-1S	TMW-1S	TMW-1S	T	455739.88	1417703.19	559.78	561.63	2.00	48.30	511.48	58.30	501.48	59.75
	TMW-2S	TMW-2S	TMW-2S		455597.25	1416929.92	557.01	560.15	2.00	40.00	517.01	50.00	507.01	53.08

Table 2

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Water-Bearing Zone	Well ID - Groundwater Level Monitoring			Transducer[3]	Northing (feet)	Easting (feet)	Ground Surface Elev (ft)	TOC Elevation (ft)	Inner Casing Diameter (inches)	Well Screen				Total Depth (ft bTOC)[4]
	Hydraulic Control Monitoring	Progress Monitoring[1]	Semiannual Monitoring[2]							Top (ft bgs)	Top (ft msl)	Bottom (ft bgs)	Bottom (ft msl)	
LSG														
	AF-1D				456927.14	1417977.19	559.80	559.78	4.00	108.00	451.80	118.00	441.80	118.00
	AF-5D		AF-5D		455889.87	1417834.37	559.50	561.66	2.00	100.00	459.50	110.00	449.50	108.1
	AF-7D	AF-7D	AF-7D	T	455489.28	1417578.92	559.70	561.23	4.00	109.00	450.70	119.00	440.70	118.77
	AF-8D				455517.69	1417091.88	559.00	560.73	4.00	86.00	473.00	96.00	463.00	93.72
	AF-9D	AF-9D		T	455794.33	1416786.95	562.20	563.93	4.00	78.00	484.20	88.00	474.20	93.30
	AF-11D	AF-11D		T	456087.97	1416583.70	564.90	566.27	4.00	92.00	472.90	102.00	462.90	101.79
	AF-12D	AF-12D			456297.35	1416191.94	573.30	575.45	4.00	102.00	471.30	112.00	461.30	111.85
	AF-15D	AF-15D			456991.44	1416851.88	559.80	560.95	4.00	103.00	456.80	113.00	446.80	112.86
	AF-16D				457003.87	1417280.19	560.40	561.83	4.00	91.00	469.40	101.00	459.40	102.57
	AF-17D	AF-17D			456484.75	1417467.78	560.30	561.37	4.00	90.00	470.30	100.00	460.30	99.48
	AF-19D	AF-19D		T	455818.36	1417039.55	561.70	564.10	2.00	81.20	480.50	91.20	470.50	93.40
	AF-20D	AF-20D			455933.76	1416941.09	559.80	562.52	2.00	81.10	478.70	91.10	468.70	93.56
	AF-21D	AF-21D	AF-21D		455941.03	1416777.12	560.00	559.61	2.00	80.00	480.00	90.00	470.00	90.11
	GM-3D				457163.25	1418266.08	560.80	562.47	4.00	138.00	422.80	148.00	412.80	148.00
	GM-5D				457241.00	1416754.00	562.00	564.07	4.00	126.43	455.57	116.43	445.57	116.75[5]
	GM-9D	GM-9D		T	457107.93	1417219.35	561.00	560.06	4.00	100.00	461.00	110.00	451.00	109.30
	H-223	H-223			454519.10	1417253.00	555.00	555.60	2.00	154.50	400.50	164.50	390.50	161.51
	OSMW-1D	OSMW-1D	OSMW-1D	T	455082.67	1417738.40	551.10	554.16	2.00	80.00	471.10	90.00	461.10	92.75
	OSMW-3D	OSMW-3D	OSMW-3D	T	455309.10	1417107.28	557.10	559.91	2.00	131.00	426.10	141.00	416.10	143.31
	OSMW-4D	OSMW-4D	OSMW-4D	T	456143.93	1416386.96	565.50	565.14	2.00	127.00	438.50	137.00	428.50	135.94
			OSMW-5D		452875.51	1416398.42	560.53	560.25	2.00	121.00	439.53	131.00	429.53	130.72
	OSMW-6D	OSMW-6D	OSMW-6D		455147.40	1416265.11	586.38	586.08	2.00	149.77	436.61	159.77	426.61	162.20
	OSMW-7D	OSMW-7D	OSMW-7D		456711.82	1415686.05	592.44	592.09	2.00	141.00	451.44	151.00	441.44	148.80
			OSMW-8D		454625.45	1415147.03	584.64	584.34	2.00	175.30	409.34	185.30	399.34	187.20
	OSMW-9D	OSMW-9D			455705.86	1415409.84	594.66	594.39	2.00	166.00	428.66	176.00	418.66	175.60
	OSMW-10D	OSMW-10D			455020.11	1417400.16	555.82	558.61	2.00	130.00	425.82	140.00	415.82	142.63
	OSMW-11D				455459.26	1418006.71	552.04	551.72	2.00	81.00	471.04	91.00	461.04	90.30
	OSMW-11DD				455459.02	1418006.62	552.04	551.68	2.00	140.00	412.04	150.00	402.04	149.83
	OSMW-12D				455880.20	1418333.14	553.66	553.29	2.00	123.00	430.66	133.00	420.66	133.76
	OSMW-12DD				455880.36	1418333.21	553.66	553.18	2.00	141.00	412.66	151.00	402.66	149.20
	OSMW-13D				455241.33	1417853.92	552.03	551.82	2.00	96.00	456.03	106.00	446.03	103.65
	OSMW-13DD				455241.62	1417854.06	552.03	551.70	2.00	142.00	410.03	152.00	400.03	151.84
	OW-3D				455360.77	1417112.74	557.72	557.43	2.00	135.00	422.72	140.00	417.72	140[5]
	OW-4D				455422.91	1417165.94	559.68	559.41	2.00	135.00	424.68	140.00	419.68	140[5]
	PMW-2D				456024.30	1417902.40	560.05	562.47	2.00	125.00	435.05	135.00	425.05	139.70
	PMW-3D	PMW-3D		T	455249.80	1417471.07	557.41	560.04	2.00	126.00	431.41	136.00	421.41	139.75
	PMW-4D	PMW-4D		T	456424.32	1416617.44	564.33	567.25	2.00	130.00	434.33	140.00	424.33	142.51
	TMW-1D		TMW-1D		455740.26	1417702.92	559.78	562.02	2.00	94.30	465.48	104.30	455.48	106.45
	TMW-2D	TMW-2D	TMW-2D		455597.15	1416930.07	557.01	559.86	2.00	117.30	439.71	127.30	429.71	129.32

Notes
[1] First Quarter 2013: Progress Monitoring in the Perched, USG and LSG.
[2] Semiannual sampling occurs in the second and fourth quarters.
[3] T = Transducer; Blank = Manual.
[4] Total depths from ground surface (GM-3P, OW-1P, AF-13S, AF-14S, GM-5D, OW-3D, OW-4D)

Table 3

GE OHD 000 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Well Completion Data - Groundwater Quality Monitoring

Water-Bearing Zone	Well ID - VOC Sampling			Northing (feet)	Easting (feet)	Ground Surface Elev (ft)	TOC Elevation (ft)	Inner Casing Diameter	Well Screen				Total Depth (ft bTOC)[3]
	Hydraulic Control Monitoring	Progress Monitoring[1]	Semiannual Monitoring[2]						Top (ft bgs)	Top (ft msl)	Bottom (ft bgs)	Bottom (ft msl)	
Perched													
			AF-2P	456379.19	1418008.71	562.10	563.39	2.00	28.00	534.10	33.00	529.10	34.46
			AF-3P	456297.40	1417884.19	560.40	561.82	2.00	21.00	539.40	31.00	529.40	32.42
	AF-4P	AF-4P		456180.93	1417877.42	560.40	561.90	2.00	24.50	535.90	34.50	525.90	36.21
		AF-5P	AF-5P	455882.90	1417831.43	559.80	561.22	2.00	28.00	531.80	33.00	526.80	34.75
	AF-7P	AF-7P	AF-7P	455478.24	1417577.30	559.80	561.21	2.00	31.50	528.30	36.50	523.30	37.43
	AF-13P	AF-13P		456494.02	1416526.13	565.40	566.82	2.00	3.13	562.27	13.13	552.27	15.4[3]
			AF-23P	457010.00	1417595.00	560.00	559.75	2.00	22.88	537.12	32.88	527.12	32.15
			AF-24P	456451.17	1417576.18	559.82	558.89	2.00	26.23	533.59	36.23	523.59	35.40
	AF-25P	AF-25P	AF-25P	456074.92	1417500.43	558.40	558.08	2.00	23.27	535.13	33.27	525.13	33.10
			AOC LDMW-1S	457924.00	1417429.00	556.20	555.81	2.00	13.29	542.91	23.29	532.91	22.90
			AOC PSTMW-1SR	459022.76	1417784.33	556.91		2.00					
			AOC PSTMW-2S	458993.37	1417998.15	559.90	559.70	2.00	18.50	541.40	28.50	531.40	24.50
			H-221	454547.97	1417264.66	554.70	554.37	2.00	20.00	534.70	30.00	524.70	28.65
		OSMW-1P	OSMW-1P	455078.23	1417736.02	551.50	554.09	2.00	20.00	531.50	30.00	521.50	32.53
			OSMW-2P	455601.82	1417822.50	554.80	557.01	2.00	27.00	527.80	37.00	517.80	38.87
		OSMW-10P		455020.27	1417400.34	555.82	558.57	2.00	20.00	535.82	30.00	525.82	32.57
		OSMW-11P		455459.30	1418006.45	552.04	551.71	2.00	13.00	539.04	23.00	529.04	22.93
		OSMW-12P		455880.25	1418332.91	553.66	553.35	2.00	14.70	538.96	24.70	528.96	24.63
		OSMW-13P		455241.47	1417854.22	552.03	551.75	2.00	22.00	530.03	32.00	520.03	32.45
	PMW-3P	PMW-3P		455249.65	1417470.90	557.41	560.10	2.00	16.00	541.41	26.00	531.41	29.07
	TMW-1P	TMW-1P		455737.69	1417702.75	559.77	562.12	2.00	22.00	537.77	32.00	527.77	33.84
USG													
	AF-4S	AF-4S		456183.67	1417879.81	560.30	562.22	2.00	43.00	517.30	53.00	507.30	54.03
		AF-5S	AF-5S	455887.32	1417833.15	559.60	561.60	2.00	41.00	518.60	51.00	508.60	51.92
	AF-6S	AF-6S		456056.4	1417402.71	560.10	562.67	2.00	41.00	519.10	51.00	509.10	52.80
	AF-7S	AF-7S	AF-7S	455482.27	1417577.68	559.70	562.02	2.00	45.00	514.70	55.00	504.70	56.68
	AF-9S	AF-9S	AF-9S	455790.53	1416793.04	562.00	564.19	2.00	50.00	512.00	60.00	502.00	61.75
	AF-11S	AF-11S		456094.23	1416577.99	564.70	565.20	2.00	53.00	511.70	63.00	501.70	63.27
	AF-13S	AF-13S		456488.94	1416522.95	565.20	567.91	2.00	45.60	519.60	55.60	509.60	55.6[3]
	AF-19S	AF-19S		455823.23	1417037.78	561.60	563.87	2.00	52.40	509.20	62.40	499.20	64.65
	OSMW-1S	OSMW-1S	OSMW-1S	455082.59	1417738.59	551.50	554.14	2.00	41.00	510.50	51.00	500.50	52.84
	OSMW-3S	OSMW-3S	OSMW-3S	455309.01	1417107.64	557.10	559.91	2.00	54.00	503.10	64.00	493.10	66.60
	OSMW-4S	OSMW-4S	OSMW-4S	456144.10	1416386.57	565.50	565.10	2.00	65.00	500.50	75.00	490.50	75.84
			OSMW-5S	453589.27	1416137.49	576.70	576.44	2.00	63.80	512.90	73.80	502.90	73.54
			OSMW-6S	455149.40	1416267.11	586.61	586.38	2.00	80.00	506.61	90.00	496.61	88.78
			OSMW-8S	454625.51	1415147.34	584.64	584.33	2.00	77.41	507.23	87.41	497.23	86.70
		OSMW-9S		455705.63	1415409.73	594.66	594.37	2.00	88.80	505.86	98.80	495.86	101.30
		OSMW-10S		455019.93	1417400.39	555.82	558.59	2.00	47.20	508.62	57.20	498.62	58.20
		OSMW-11S		455459.42	1418006.57	552.04	551.64	2.00	37.25	514.79	47.25	504.79	47.20
	PMW-3S	PMW-3S		455249.82	1417470.89	557.41	560.12	2.00	44.80	512.61	54.80	502.61	57.40
	TMW-1S	TMW-1S	TMW-1S	455739.88	1417703.19	559.78	561.63	2.00	48.30	511.48	58.30	501.48	59.75
	TMW-2S	TMW-2S	TMW-2S	455597.25	1416929.92	557.01	560.15	2.00	40.00	517.01	50.00	507.01	53.08

Table 3

GE OHD 000 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Well Completion Data - Groundwater Quality Monitoring

Water-Bearing Zone	Well ID - VOC Sampling			Northing (feet)	Easting (feet)	Ground Surface Elev (ft)	TOC Elevation (ft)	Inner Casing Diameter	Well Screen				Total Depth (ft bTOC)[3]
	Hydraulic Control Monitoring	Progress Monitoring[1]	Semiannual Monitoring[2]						Top (ft bgs)	Top (ft msl)	Bottom (ft bgs)	Bottom (ft msl)	
LSG													
			AF-5D	455889.87	1417834.37	559.50	561.66	2.00	100.00	459.50	110.00	449.50	108.10
	AF-7D	AF-7D	AF-7D	455489.28	1417578.92	559.70	561.23	4.00	109.00	450.70	119.00	440.70	118.77
	AF-9D			455794.33	1416786.95	562.20	563.93	4.00	78.00	484.20	88.00	474.20	93.30
	AF-11D	AF-11D		456087.97	1416583.70	564.90	566.27	4.00	92.00	472.90	102.00	462.90	101.79
	AF-19D	AF-19D		455818.36	1417039.55	561.70	564.10	2.00	81.20	480.50	91.20	470.50	93.40
			AF-21D	455941.03	1416777.12	560.00	559.61	2.00	80.00	480.00	90.00	470.00	90.11
	OSMW-1D	OSMW-1D	OSMW-1D	455082.67	1417738.40	551.10	554.16	2.00	80.00	471.10	90.00	461.10	92.75
	OSMW-3D	OSMW-3D	OSMW-3D	455309.10	1417107.28	557.10	559.91	2.00	131.00	426.10	141.00	416.10	143.31
	OSMW-4D	OSMW-4D	OSMW-4D	456143.93	1416386.96	565.50	565.14	2.00	127.00	438.50	137.00	428.50	135.94
			OSMW-5D	452875.51	1416398.42	560.53	560.25	2.00	121.00	439.53	131.00	429.53	130.72
		OSMW-6D	OSMW-6D	455147.40	1416265.11	586.38	586.08	2.00	149.77	436.61	159.77	426.61	162.20
			OSMW-7D	456711.82	1415686.05	592.44	592.09	2.00	141.00	451.44	151.00	441.44	148.80
			OSMW-8D	454625.45	1415147.03	584.64	584.34	2.00	175.30	409.34	185.30	399.34	187.20
	OSMW-9D	OSMW-9D		455705.86	1415409.84	594.66	594.39	2.00	166.00	428.66	176.00	418.66	175.60
	OSMW-10D	OSMW-10D		455020.11	1417400.16	555.82	558.61	2.00	130.00	425.82	140.00	415.82	142.63
		OSMW-11D		455459.26	1418006.71	552.04	551.72	2.00	81.00	471.04	91.00	461.04	90.30
		PMW-2D		456024.30	1417902.40	560.05	562.47	2.00	125.00	435.05	135.00	425.05	139.70
	PMW-3D	PMW-3D		455249.80	1417471.07	557.41	560.04	2.00	126.00	431.41	136.00	421.41	139.75
	PMW-4D	PMW-4D		456424.32	1416617.44	564.33	567.25	2.00	130.00	434.33	140.00	424.33	142.51
		TMW-1D	TMW-1D	455740.26	1417702.92	559.78	562.02	2.00	94.30	465.48	104.30	455.48	106.45
	TMW-2D	TMW-2D	TMW-2D	455597.15	1416930.07	557.01	559.86	2.00	117.30	439.71	127.30	429.71	129.32

Notes
[1] First Quarter 2013: Progress Monitoring in the Perched, USG and LSG.
[2] Semiannual sampling occurs in the second and fourth quarters.
[3] Total depths from ground surface (GM-3P, OW-1P, AF-13S, AF-14S, GM-5D, OW-3D, OW-4D).

Table 4

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Summary of Groundwater Sampling Results (1Q-13) - Detected Parameters Only

Location		AF-11D		AF-11S		AF-13P		AF-13S		AF-19D		AF-19S		AF-25P		AF-4P		AF-4S		AF-5S		AF-6S		AF-7D		AF-7P		AF-7S		AF-9S	
Sample Date		2/19/2013		2/19/2013		2/20/2013		2/20/2013		2/20/2013		2/20/2013		2/20/2013		2/20/2013		2/20/2013		2/20/2013		2/20/2013		2/19/2013		2/19/2013		2/19/2013		2/20/2013	
FIELD PARAMETERS	**units**																														
pH	S.U.	8.21		7.51		6.83		9.50		7.51		7.61		EM		EM		EM		EM		EM		EM		EM		EM		EM	
Conductivity (mS/cm)	mS/cm	0.497		0.59		0.263		0.269		0.613		0.642		2.739		0.562		0.849		0.954		0.844		0.924		1.441		0.757		0.79	
Turbidity (NTUs)	NTUs	NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM		NM	
DO (mg/L)	mg/L	0.28		0.37		0.70		0.94		0.50		0.51		0.46		0.84		0.69		0.58		0.87		0.29		0.55		0.44		0.78	
Temperature (*° c)*	Deg C	15.37		15.54		11.82		16.82		16.00		16.51		20.32		16.49		15.40		17.05		19.18		14.30		17.08		16.81		16.48	
ORP (mV)	mV	-260.4		-142.7		-72.6		-22.5		-168.4		-182.6		-152.9		-210.0		-202.3		-149.9		-152.0		-135.9		-144.1		-135.9		-153.2	
DETECTABLE VOCs	**units**																														
1,1,1-Trichloroethane	ug/l	< 1		< 1		< 1		< 1		< 1		< 1		160		57		< 1		< 1		< 1		< 1		32		< 10		< 1	
1,1-Dichloroethane	ug/l	< 1		1		< 1		< 1		< 1		< 1		34		8		3.9		6.9		< 1		< 1		24		22		1.5	
1,1-Dichloroethene	ug/l	< 1		< 1		< 1		< 1		< 1		< 1		15		0.97	J	< 1		< 1		< 1		< 1		1.2	J	4.1	J	< 1	
2-Butanone (MEK)	ug/l	< 10		< 10		< 10		< 10		< 10		< 10		< 20		< 20		< 10		< 10		< 10		< 10		< 20		< 100		< 10	
Acetone	ug/l	5.4	J	5.2	J	5.8	J	< 10		< 10		4	J	< 20		< 20		< 10		5.5	J	4.8	J	< 10		< 20		< 100		5.1	J
Benzene	ug/l	< 1		< 1		< 1		< 1		< 1		< 1		1.2	J	< 2		1.4		0.53	J	< 1		< 1		< 2		< 10		< 1	
Carbon Disulfide	ug/l	< 1		< 1		< 1		< 1		< 1		< 1		< 2		< 2		< 1		< 1		< 1		< 1		< 2		< 10		< 1	
Chloroethane	ug/l	< 1		< 1		< 1		< 1		< 1		< 1		130		< 2		0.93	J	0.56	J	< 1		< 1		< 2		< 10		< 1	
Chloroform	ug/l	< 1		< 1		< 1		< 1		< 1		< 1		< 2		1.7	J	< 1		< 1		< 1		< 1		< 2		< 10		< 1	
cis-1,2-Dichloroethene	ug/l	< 1		11		< 1		35		< 1		< 1		18		3		5.9		2.5		< 1		< 1		6.8		740		1.3	
Methylene Chloride	ug/l	< 1		< 1		< 1		< 1		< 1		< 1		< 2		< 2		< 1		< 1		< 1		< 1		< 2		6.7	J	< 1	
Tetrachloroethene	ug/l	< 1		< 1		< 1		< 1		< 1		< 1		1.1	J	12		< 1		< 1		< 1		< 1		0.84	J	< 10		< 1	
trans-1,2-Dichloroethene	ug/l	< 1		< 1		< 1		< 1		< 1		< 1		3.2		< 2		< 1		< 1		< 1		< 1		< 2		< 10		< 1	
Trichloroethene	ug/l	< 1		< 1		< 1		< 1		< 1		< 1		130		110		< 1		< 1		0.52	J	< 1		81		< 10		< 1	
Vinyl chloride	ug/l	< 1		32		< 1		4.8		< 1		23		26		< 2		15		60		1.3		< 1		< 2		920		45	

Notes:
1) J = Estimated
2) NM = Not Measured
2) EM = Equipment Malfunction

Table 4

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Summary of Groundwater Sampling Results (1Q-13) - Detected Parameters Only

Location		OSMW-10D	OSMW-10P	OSMW-10S	OSMW-11D	OSMW-11P	OSMW-11S	OSMW-12P	OSMW-13P	OSMW-1D	OSMW-1P	OSMW-1S	OSMW-3D	OSMW-3S	OSMW-4D	OSMW-4S
Sample Date		2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013	2/19/2013
FIELD PARAMETERS	**units**															
pH	S.U.	EM	EM	EM	7.39	7.27	7.16	7.12	7.16	7.59	7.34	7.42	EM	EM	7.26	7.27
Conductivity (mS/cm)	mS/cm	0.839	1.283	0.734	0.977	0.917	1.026	0.682	0.859	1.011	1.078	0.897	0.813	0.81	0.708	0.741
Turbidity (NTUs)	NTUs	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
DO (mg/L)	mg/L	0.55	1.13	0.35	0.34	0.39	0.37	0.76	0.46	0.50	1.97	0.38	0.35	0.47	0.50	0.35
Temperature (*° c)*	Deg C	14.32	16.09	16.69	14.39	14.94	15.34	13.99	16.26	15.00	15.75	15.81	14.30	16.66	15.46	16.25
ORP (mV)	mV	-122.9	-117.6	-118.6	-150.3	-98.7	-65.6	-45.4	-109.2	-145.3	91.8	-127.9	-123.8	-117.9	-100.8	-120.8
DETECTABLE VOCs	**units**															
1,1,1-Trichloroethane	ug/l	< 1	210	140	< 4	< 1	< 4	4.4	< 1	< 2	< 1	< 8	< 1	< 1	< 1	< 1
1,1-Dichloroethane	ug/l	< 1	17	56	30	2	30	2.6	3.9	4	3	7.8 J	4.4	0.58 J	9	0.84 J
1,1-Dichloroethene	ug/l	< 1	6.1	32	2.6 J	< 1	2.2 J	< 1	< 1	< 2	< 1	< 8	< 1	< 1	1.6	< 1
2-Butanone (MEK)	ug/l	< 10	< 40	< 10	< 40	< 10	< 40	< 10	< 10	< 20	< 10	< 80	< 10	< 10	< 10	< 10
Acetone	ug/l	5.1 J	< 40	4.8 J	< 40	3.8 J	< 40	5.2 J	5.8 J	8.6 J	5.3 J	< 80	3.8 J	4.9 J	4.8 J	4.9 J
Benzene	ug/l	< 1	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 2	< 1	< 8	1.4	< 1	< 1	< 1
Carbon Disulfide	ug/l	< 1	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 2	< 1	< 8	< 1	< 1	< 1	< 1
Chloroethane	ug/l	< 1	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 2	< 1	< 8	< 1	< 1	< 1	< 1
Chloroform	ug/l	< 1	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 2	< 1	< 8	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	ug/l	< 1	10	100	250	1.5	250	< 1	1.7	140	< 1	440	3	1	39	< 1
Methylene Chloride	ug/l	< 1	4.8	< 1	< 4	< 1	< 4	< 1	< 1	< 2	< 1	< 8	< 1	< 1	< 1	< 1
Tetrachloroethene	ug/l	< 1	< 4	< 1	< 4	< 1	< 4	< 1	< 1	< 2	< 1	< 8	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	ug/l	< 1	< 4	2.2	5.8	< 1	5.9	< 1	< 1	< 2	< 1	< 8	< 1	< 1	15	< 1
Trichloroethene	ug/l	< 1	200	29	32	< 1	32	5.1	< 1	< 2	< 1	< 8	2.5	< 1	< 1	< 1
Vinyl chloride	ug/l	3.1	5.6	120	5.5	< 1	4.6	< 1	< 1	75	< 1	200	6.7	4.5	70	77

Notes:
1) J = Estimated
2) NM = Not Measured
2) EM = Equipment Malfunction

Table 4

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Summary of Groundwater Sampling Results (1Q-13) - Detected Parameters Only

	Location	OSMW-6D	OSMW-9D	OSMW-9S	PMW-2D	PMW-3D		PMW-3P	PMW-3S		PMW-4D	TMW-1D	TMW-1P	TMW-1S	TMW-2D	TMW-2S
	Sample Date	2/19/2013	2/19/2013	2/20/2013	2/20/2013	1/8/2013	2/19/2013	2/19/2013	1/8/2013	2/19/2013	2/20/2013	2/19/2013	2/19/2013	2/19/2013	2/20/2013	2/20/2013
FIELD PARAMETERS	**units**															
pH	S.U.	7.71	7.46	7.35	EM	7.08	EM	EM	7.11	EM	7.57	EM	EM	EM	7.45	7.35
Conductivity (mS/cm)	mS/cm	0.672	0.639	1.125	0.763	0.883	0.625	0.75	0.638	0.58	0.703	0.859	0.874	1.53	0.863	0.749
Turbidity (NTUs)	NTUs	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
DO (mg/L)	mg/L	0.29	0.34	0.43	0.68	0.23	0.40	1.02	0.19	0.44	0.43	0.31	1.03	0.42	0.60	0.84
Temperature (*° C)*	Deg C	15.35	15.34	16.92	13.76	14.03	14.11	16.71	16.66	16.35	15.11	14.32	17.70	16.33	15.02	16.00
ORP (mV)	mV	-197.6	-183.7	-154.0	-162.2	-118.4	-124.8	-129.7	-130.5	-124.1	-125.9	-121.9	-120.2	-130.8	-159.7	-156.3
DETECTABLE VOCs	**units**															
1,1,1-Trichloroethane	ug/l	< 1	< 1	< 5	< 1	45	44	170	14	13	< 1	< 1	230	< 1	< 10	< 1
1,1-Dichloroethane	ug/l	6.7	< 1	< 5	< 1	29	28	20	55	37	< 1	< 1	97	< 1	< 10	< 1
1,1-Dichloroethene	ug/l	0.44 J	< 1	< 5	< 1	2.5 J	< 4	7.3	1.6 J	1.3	< 1	< 1	14	< 1	< 10	< 1
2-Butanone (MEK)	ug/l	< 10	< 10	< 50	< 10	< 40	< 40	< 50	< 20	< 10	< 10	< 10	< 100	< 10	< 100	< 10
Acetone	ug/l	6.3 J	4.9 J	< 50	5 J	< 40	< 40	< 50	< 20	9.6 J	5.6 J	< 10	< 100	5 J	< 100	5 J
Benzene	ug/l	< 1	< 1	< 5	< 1	< 4	< 4	< 5	< 2	< 1	< 1	< 1	< 10	< 1	< 10	< 1
Carbon Disulfide	ug/l	< 1	< 1	< 5	< 1	< 4	< 4	< 5	< 2	< 1	< 1	< 1	< 10	< 1	< 10	< 1
Chloroethane	ug/l	7.8	< 1	< 5	< 1	< 4	< 4	< 5	< 2	< 1	< 1	< 1	< 10	< 1	< 10	< 1
Chloroform	ug/l	< 1	< 1	< 5	< 1	< 4	< 4	< 5	< 2	< 1	< 1	< 1	< 10	< 1	< 10	< 1
cis-1,2-Dichloroethene	ug/l	20	< 1	60	< 1	68	86	220	98	73	< 1	< 1	54	1.8	410	< 1
Methylene Chloride	ug/l	< 1	< 1	< 5	< 1	< 4	2.3 J	2.4 J	< 2	< 1	< 1	< 1	< 10	< 1	< 10	< 1
Tetrachloroethene	ug/l	< 1	< 1	< 5	< 1	< 4	< 4	< 5	< 2	< 1	< 1	< 1	< 10	< 1	< 10	< 1
trans-1,2-Dichloroethene	ug/l	< 1	< 1	< 5	< 1	< 4	< 4	< 5	< 2	< 1	< 1	< 1	< 10	< 1	150	< 1
Trichloroethene	ug/l	< 1	< 1	< 5	< 1	22	18	150	8.7	45	< 1	< 1	410	< 1	< 10	< 1
Vinyl chloride	ug/l	160	21	110	< 1	190	240	< 5	39	4.7	6.4	< 1	70	9.1	51	< 1

Notes:
1) J = Estimated
2) NM = Not Measured
2) EM = Equipment Malfunction

Table 5

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Vertical Gradient Analysis - Perched to USG

PERCHED -USG STATS.	AF-4	AF-7	GM-9
Is Slope Less than the Error?	YES	YES	YES
Number of Data Points	8	8	8
Slope	0.000	0.000	0.000
Intercept	3.9968	-1.5576	7.5195
Standard Error of Estimates	0.007	0.013	0.000
X Variable Coefficient	-0.00009646	0.00003748	-0.00018079
P-Value	0.385	0.845	0.000
Trend Analysis	No Significant Trend	No Significant Trend	Significant Negative Trend
Magnitude	0.023	0.040	0.0139
Summary (0.5 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring
Summary (0.2 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring

Note:

a positive trend indicates an increased downward vertical gradient

a negative trend indicates an increased upward vertical gradient

Table 5

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Vertical Gradient Analysis - Perched to USG

PERCHED -USG STATS.	OSMW-1	OSMW-10	PMW-3
Is Slope Less than the Error?	YES	YES	YES
Number of Data Points	8	8	8
Slope	0.000	0.000	0.000
Intercept	4.7516	-0.9770	0.8748
Standard Error of Estimates	0.006	0.002	0.003
X Variable Coefficient	-0.00011512	0.00002361	-0.00002119
P-Value	0.207	0.524	0.631
Trend Analysis	No Significant Trend	No Significant Trend	No Significant Trend
Magnitude	0.018	0.007	0.008
Summary (0.5 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring
Summary (0.2 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring

Note:

a positive trend indicates an increased downward vertical gradient

a negative trend indicates an increased upward vertical gradient

Table 6

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Vertical Gradient Analysis - USG to LSG

USG - LSG STATS.	AF-7	AF-9	AF-11	AF-19
Is the Slope Less than the Error?	YES	YES	YES	YES
Number of Data Points	8	8	8	8
Slope	0.000	0.000	0.000	0.000
Intercept	-0.9068	-0.7225	-1.9946	-0.2004
Standard Error of Estimates	0.001	0.004	0.004	0.003
X Variable Coefficient	0.00002271	0.00001753	0.00004836	0.00000492
P-Value	0.256	0.785	0.389	0.919
Trend Analysis	No Significant Trend	No Significant Trend	No Significant Trend	No Significant Trend
Magnitude	0.004	0.011	0.010	0.008
Summary (0.5 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring	Continue Monitoring
Summary (0.2 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring	Continue Monitoring

Note:

a positive trend indicates an increased downward vertical gradient

a negative trend indicates an increased upward vertical gradient

Table 6

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Vertical Gradient Analysis - USG to LSG

USG - LSG STATS.	GM-9	OSMW-1	OSMW-3
Is the Slope Less than the Error?	YES	YES	YES
Number of Data Points	8	8	8
Slope	0.000	0.000	0.000
Intercept	-1.7066	-1.2802	-0.6307
Standard Error of Estimates	0.000	0.002	0.001
X Variable Coefficient	0.00004257	0.00003198	0.00001555
P-Value	0.000	0.317	0.449
Trend Analysis	Significant Positive Trend	No Significant Trend	No Significant Trend
Magnitude	0.00328	0.006	0.004
Summary (0.5 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring
Summary (0.2 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring

Note:

a positive trend indicates an increased downward vertical gradient

a negative trend indicates an increased upward vertical gradient

Table 6

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Vertical Gradient Analysis - USG to LSG

USG - LSG STATS.	OSMW-4	OSMW-10	PMW-3
Is the Slope Less than the Error?	YES	YES	YES
Number of Data Points	8	8	8
Slope	0.000	0.000	0.00006
Intercept	-1.1585	-1.3907	-2.5852
Standard Error of Estimates	0.003	0.001	0.001
X Variable Coefficient	0.00002798	0.00003431	0.00006328
P-Value	0.547	0.150	0.005
Trend Analysis	No Significant Trend	No Significant Trend	Significant Positive Trend
Magnitude	0.009	0.005	0.006
Summary (0.5 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring
Summary (0.2 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Reduce Pumping Rate

Note:

a positive trend indicates an increased downward vertical gradient

a negative trend indicates an increased upward vertical gradient

Table 7

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Vertical Gradient Analysis - Perched to LSG

PERCHED - LSG STATS.	AF-7	GM-9	OSMW-1	OSMW-10	PMW-3
Is Slope Less than Error?	YES	#NUM!	YES	YES	YES
Number of Data Points	8	8	8	8	8
Slope	0.0000257	-0.0000242	-0.0000175	0.0000317	0.0000412
Intercept	-1.0376	1.0510	0.7504	-1.2884	-1.6793
Standard Error of Estimates	0.003	#NUM!	0.002	0.001	0.001
X Variable Coefficient	0.00002568	-0.00002419	-0.00001754	0.00003166	0.00004117
P-Value	0.503	0.000	0.581	0.044	0.009
Trend Analysis	No Significant Trend	Significant Negative Trend	No Significant Trend	Significant Positive Trend	Significant Positive Trend
Magnitude	0.007	0.0019	0.006	0.004	0.004
Summary (0.5 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring	Continue Monitoring	Continue Monitoring
Summary (0.2 ft change in water level during monitoring period)	Continue Monitoring	Continue Monitoring	Continue Monitoring	Reduce Pumping Rate	Reduce Pumping Rate

Note:
a positive trend indicates an increased downward vertical gradient
a negative trend indicates an increased upward vertical gradient

Table 8

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	AF-4P		AF-4S		AF-7P		AF-7S	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition?[1]	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	0.002	0.002	0.003	0.003	0.005	0.005	0.004	0.004
Intercept	471.4389	471.4389	397.0981	397.0981	333.2094	333.2094	358.2862	358.2862
Standard Error of Estimates	0.217	0.185	0.146	0.061	0.294	0.266	0.193	0.093
Background Standard Error of Estimates								
X Variable Coefficient	0.00164448		0.00343857		0.00493800		0.00433458	
P-Value	0.550		0.007		0.233		0.016	
Trend Analysis[2]	*No Significant Trend*		*Significant Positive Trend*		*No Significant Trend*		*Significant Positive Trend*	
Magnitude	0.522		0.288		0.827		0.410	
Summary[3]	STABLE		Increasing water levels		STABLE		Increasing water levels	

Note: a positive trend indicates increasing groundwater elevations
a negative trend indicates decreasing groundwater elevations

[1]Steady-state (stable) = slope less than error

[2]Significant trend identified by $P \leq 0.05$ (95% confidence)

[3]Increasing/decreasing water levels if $P \leq 0.05$ and Magnitude > 0.1 feet;
STABLE - Magnitude < 0.1 feet

Table 8

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	AF-7D		AF-9S		AF-9D		AF-11S	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition?[1]	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	0.003	0.003	0.003	0.003	0.002	0.002	0.003	0.003
Intercept	416.3211	416.3211	413.3651	413.3651	433.4495	433.4495	393.8517	393.8517
Standard Error of Estimates	0.214	0.067	0.230	0.197	0.236	0.090	0.289	0.255
Background Standard Error of Estimates								
X Variable Coefficient	0.00288104		0.00294237		0.00245503		0.00341163	
P-Value	0.022		0.327		0.100		0.378	
Trend Analysis[2]	*Significant Positive Trend*		*No Significant Trend*		*No Significant Trend*		*No Significant Trend*	
Magnitude	0.268		0.569		0.321		0.748	
Summary[3]	Increasing water levels		STABLE		STABLE		STABLE	

Note: a positive trend indicates increasing groundwater elevations
a negative trend indicates decreasing groundwater elevations

[1]Steady-state (stable) = slope less than error

[2]Significant trend identified by $P \leq 0.05$ (95% confidence)

[3]Increasing/decreasing water levels if $P \leq 0.05$ and Magnitude > 0.1 feet;
STABLE - Magnitude < 0.1 feet

Table 8

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	AF-11D		AF-19S		AF-19D		GM-9P	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition?[1]	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	0.002	0.002	0.003	0.003	0.003	0.003	0.001	0.001
Intercept	471.2435	471.2435	418.3324	418.3324	424.0827	424.0827	500.2303	500.2303
Standard Error of Estimates	0.265	0.124	0.210	0.167	0.229	0.082	0.053	0.025
Background Standard Error of Estimates								
X Variable Coefficient	0.00153519		0.00283175		0.00269052		0.00099149	
P-Value	0.412		0.272		0.057		0.000	
Trend Analysis[2]	*No Significant Trend*		*No Significant Trend*		*No Significant Trend*		*Significant Positive Trend*	
Magnitude	0.400		0.501		0.294		0.076	
Summary[3]	STABLE		STABLE		STABLE		STABLE	

Note: a positive trend indicates increasing groundwater elevations
a negative trend indicates decreasing groundwater elevations

[1]Steady-state (stable) = slope less than error

[2]Significant trend identified by $P \leq 0.05$ (95% confidence)

[3]Increasing/decreasing water levels if $P \leq 0.05$ and Magnitude > 0.1 feet;
STABLE - Magnitude < 0.1 feet

Table 8

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	GM-9S		GM-9D		OSMW-1P		OSMW-1S	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition?[1]	YES	Stable	YES	Stable	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	0.005	0.005	0.003	0.003	0.004	0.004	0.006	0.006
Intercept	317.5066	317.5066	414.7842	414.7842	391.5547	391.5547	295.0981	295.0981
Standard Error of Estimates	0.120	0.095	0.153	0.075	0.152	0.120	0.106	0.070
Background Standard Error of Estimates								
X Variable Coefficient	0.00538476		0.00295825		0.00353046		0.00586744	
P-Value	0.000		0.000		0.081		0.001	
Trend Analysis[2]	*Significant Positive Trend*		*Significant Positive Trend*		*No Significant Trend*		*Significant Positive Trend*	
Magnitude	0.415		0.228		0.388		0.501	
Summary[3]	Increasing water levels		Increasing water levels		STABLE		Increasing water levels	

Note: a positive trend indicates increasing groundwater elevations
a negative trend indicates decreasing groundwater elevations

[1]Steady-state (stable) = slope less than error

[2]Significant trend identified by $P \leq 0.05$ (95% confidence)

[3]Increasing/decreasing water levels if $P \leq 0.05$ and Magnitude > 0.1 feet;
STABLE - Magnitude < 0.1 feet

Table 8

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	OSMW-1D		OSMW-3S		OSMW-3D		OSMW-4S	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition?[1]	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	0.005	0.005	0.004	0.004	0.003	0.003	0.002	0.002
Intercept	346.3064	346.3064	382.4311	382.4311	430.9940	430.9940	449.2665	449.2665
Standard Error of Estimates	0.181	0.044	0.123	0.069	0.291	0.148	0.348	0.308
Background Standard Error of Estimates								
X Variable Coefficient	0.00458837		0.00371232		0.00251531		0.00206212	
P-Value	0.000		0.009		0.272		0.650	
Trend Analysis[2]	*Significant Positive Trend*		*Significant Positive Trend*		*No Significant Trend*		*No Significant Trend*	
Magnitude	0.323		0.296		0.469		0.882	
Summary[3]	Increasing water levels		Increasing water levels		STABLE		STABLE	

Note: a positive trend indicates increasing groundwater elevations
a negative trend indicates decreasing groundwater elevations

[1]Steady-state (stable) = slope less than error

[2]Significant trend identified by $P \leq 0.05$ (95% confidence)

[3]Increasing/decreasing water levels if $P \leq 0.05$ and Magnitude > 0.1 feet;
STABLE - Magnitude < 0.1 feet

Table 8

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	OSMW-4D		OSMW-10P		OSMW-10S		OSMW-10D	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition?[1]	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	0.000	0.000	0.006	-0.001	0.006	0.001	0.003	-0.008
Intercept	519.4705	519.4705	280.6877	563.6591	307.2630	513.8509	422.4156	862.7179
Standard Error of Estimates	0.272	0.128	0.111	0.159	0.119	0.129	0.229	0.136
Background Standard Error of Estimates								
X Variable Coefficient	0.00036656		-0.00063938		0.00056545		-0.00792693	
P-Value	0.845		0.784		0.766		0.006	
Trend Analysis[2]	*No Significant Trend*		*No Significant Trend*		*No Significant Trend*		*Significant Negative Trend*	
Magnitude	0.372		0.467		0.379		0.607	
Summary[3]	STABLE		STABLE		STABLE		Decreasing water levels	

Note: a positive trend indicates increasing groundwater elevations
a negative trend indicates decreasing groundwater elevations

[1]Steady-state (stable) = slope less than error

[2]Significant trend identified by $P \leq 0.05$ (95% confidence)

[3]Increasing/decreasing water levels if $P \leq 0.05$ and Magnitude > 0.1 feet;
STABLE - Magnitude < 0.1 feet

Table 8

GE OHD 000 817 312
GE Aviation_Evendale, Ohio - Groundwater IRM
Statistical Summary of Steady-State Analysis

Groundwater Level Statistics	PMW-3P		PMW-3S		PMW-3D		TMW-1S	
	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)	Individual Well Data	Normalized to Background (GM-9 series)
Does Well Satisfy Steady State Condition?[1]	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	8	8	8
Slope	0.006	0.006	0.007	0.007	0.001	0.001	0.005	0.005
Intercept	293.0300	293.0300	267.8369	267.8369	477.7519	477.7519	332.6234	332.6234
Standard Error of Estimates	0.124	0.096	0.111	0.066	0.221	0.082	0.144	0.083
Background Standard Error of Estimates								
X Variable Coefficient	0.00591897		0.00652926		0.00139057		0.00498357	
P-Value	0.004		0.000		0.274		0.005	
Trend Analysis[2]	*Significant Positive Trend*		*Significant Positive Trend*		*No Significant Trend*		*Significant Positive Trend*	
Magnitude	0.515		0.514		0.258		0.424	
Summary[3]	Increasing water levels		Increasing water levels		STABLE		Increasing water levels	

Note: a positive trend indicates increasing groundwater elevations
a negative trend indicates decreasing groundwater elevations

[1]Steady-state (stable) = slope less than error

[2]Significant trend identified by $P \leq 0.05$ (95% confidence)

[3]Increasing/decreasing water levels if $P \leq 0.05$ and Magnitude > 0.1 feet;
STABLE - Magnitude < 0.1 feet

Table 9
GE OHD 000 817 312
Evendale, Ohio
Groundwater Chemical Cross Contamination Analyses

			1/8/2013				2/20/2013			
Well ID	TCA_grp UTL Value1 (µmol/L)	TCE_grp UTL Value1 (µmol/L)	TCA Group Values (µmol/L)	TCE Group Values (µmol/L)	TCA Group Comparison	TCE Group Comparison	TCA Group Values (µmol/L)	TCE Group Values (µmol/L)	TCA Group Comparison	TCE Group Comparison
AF-11S	.0842	3.1943	No Sample	No Sample	No Sample	No Sample	0.01	0.63	ACCEPT	ACCEPT
AF-25P	12.3782	11.3839	No Sample	No Sample	No Sample	No Sample	3.71	1.63	ACCEPT	ACCEPT
AF-2S	.4842	2.0838	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
AF-4S	1.1853	5.9427	No Sample	No Sample	No Sample	No Sample	0.05	0.30	ACCEPT	ACCEPT
AF-5S	2.5715	9.0739	No Sample	No Sample	No Sample	No Sample	0.08	0.99	ACCEPT	ACCEPT
AF-7D	.0240	.0261	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
AF-7P	10.8813	9.7516	No Sample	No Sample	No Sample	No Sample	0.49	0.69	ACCEPT	ACCEPT
AF-7S	.7677	31.8240	No Sample	No Sample	No Sample	No Sample	0.26	22.35	ACCEPT	ACCEPT
AF-9S	.0694	0.7894	No Sample	No Sample	No Sample	No Sample	0.02	0.73	ACCEPT	ACCEPT
OSMW-10D	.1633	.1269	No Sample	No Sample	No Sample	No Sample	0.00	0.05	ACCEPT	ACCEPT
OSMW-10P	3.9915	2.7868	No Sample	No Sample	No Sample	No Sample	1.81	1.71	ACCEPT	ACCEPT
OSMW-10S	3.5411	1.2163	No Sample	No Sample	No Sample	No Sample	1.95	3.19	ACCEPT	REJECT
OSMW-11D	.7604	8.2552	No Sample	No Sample	No Sample	No Sample	0.33	2.97	ACCEPT	ACCEPT
OSMW-11P	.0232	.0066	No Sample	No Sample	No Sample	No Sample	0.02	0.02	ACCEPT	REJECT
OSMW-11S	1.0371	11.9864	No Sample	No Sample	No Sample	No Sample	0.33	2.96	ACCEPT	ACCEPT
OSMW-12P	.0529	.0352	No Sample	No Sample	No Sample	No Sample	0.06	0.04	REJECT	REJECT
OSMW-13P	.0510	.0688	No Sample	No Sample	No Sample	No Sample	0.04	0.02	ACCEPT	ACCEPT
OSMW-1D	1.0602	23.5751	No Sample	No Sample	No Sample	No Sample	0.04	2.64	ACCEPT	ACCEPT
OSMW-1P	0.0386	.0383	No Sample	No Sample	No Sample	No Sample	0.03	0.00	ACCEPT	ACCEPT
OSMW-1S	1.8189	54.1122	No Sample	No Sample	No Sample	No Sample	0.08	7.74	ACCEPT	ACCEPT
OSMW-3D	.0969	13.9650	No Sample	No Sample	No Sample	No Sample	0.04	0.16	ACCEPT	ACCEPT
OSMW-3S	0.0952	0.8117	No Sample	No Sample	No Sample	No Sample	0.01	0.08	ACCEPT	ACCEPT
OSMW-4D	.1902	1.2387	No Sample	No Sample	No Sample	No Sample	0.11	1.68	ACCEPT	REJECT
OSMW-4S	.1184	7.8398	No Sample	No Sample	No Sample	No Sample	0.01	1.23	ACCEPT	ACCEPT
OSMW-6D	.8025	3.8001	No Sample	No Sample	No Sample	No Sample	0.19	2.77	ACCEPT	ACCEPT
OSMW-9D	.0359	.4657	No Sample	No Sample	No Sample	No Sample	0.00	0.34	ACCEPT	ACCEPT
OSMW-9S	.0327	86.8772	No Sample	No Sample	No Sample	No Sample	0.0000	2.38	ACCEPT	ACCEPT
PMW-2D	.0021	.0359	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
PMW-3D	3.1451	2.5338	0.66	3.91	ACCEPT	REJECT	0.61	4.86	ACCEPT	REJECT
PMW-3P	2.5478	4.0693	No Sample	No Sample	No Sample	No Sample	1.55	3.41	ACCEPT	ACCEPT
PMW-3S	2.3156	2.3051	0.68	1.70	ACCEPT	ACCEPT	0.48	1.17	ACCEPT	ACCEPT
PMW-4D	.0359	.1228	No Sample	No Sample	No Sample	No Sample	0.00	0.10	ACCEPT	ACCEPT
TMW-1D	.0359	.0093	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
TMW-1S	0.2465	10.57	No Sample	No Sample	No Sample	No Sample	0.00	0.16	ACCEPT	ACCEPT
TMW-2D	.0454	9.85	No Sample	No Sample	No Sample	No Sample	0.00	6.59	ACCEPT	ACCEPT
TMW-2S	.0039	.0254	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
AF-11D	0.0092	2.3875	No Sample	No Sample	No Sample	No Sample	0.0000	0.0000	ACCEPT	ACCEPT
AF-13P	0.0359	0.0359	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
AF-13S	0.0359	0.0359	No Sample	No Sample	No Sample	No Sample	0.00	0.44	ACCEPT	REJECT
AF-19D	0.0359	0.0359	No Sample	No Sample	No Sample	No Sample	0.00	0.00	ACCEPT	ACCEPT
AF-19S	2.0047	3.6624	No Sample	No Sample	No Sample	No Sample	0.00	0.37	ACCEPT	ACCEPT
AF-4P	0.0359	0.0359	No Sample	No Sample	No Sample	No Sample	0.52	0.94	REJECT	REJECT
AF-6S	0.0359	0.0359	No Sample	No Sample	No Sample	No Sample	0.00	0.02	ACCEPT	ACCEPT
TMW-1P	3.1442	5.8024	No Sample	No Sample	No Sample	No Sample	2.85	4.78	ACCEPT	ACCEPT

Note:

1. The methodology for calculating the upper tolerance limit (UTL) is included in the Performance Monitoring Plan.

Table 10

GE OHD 008 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

EW-2P

Sample Date and Result

Chemical Data

1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group[4] µmol/L		TCE Group[4] µmol/L	
8/1/2012	140.0	8/1/2012	16.0	8/1/2012	4.8	no data		8/1/2012	21.0	9/26/2011	2.0	8/23/2011	2.7	8/1/2012	350.0	4/2/2012	10.0	8/1/2012	1.59	8/1/2012	2.87
9/4/2012	120.0	9/4/2012	15.0	9/4/2012	11.0	no data		9/4/2012	20.0	10/10/2011	2.1	9/6/2011	2.8	9/4/2012	340.0	5/1/2012	9.1	9/4/2012	1.16	9/4/2012	0.37
10/1/2012	110.0	10/1/2012	15.0	10/1/2012	4.7	no data		10/1/2012	18.0	10/17/2011	2.1	9/26/2011	2.1	10/1/2012	310.0	6/1/2012	8.3	10/1/2012	1.02	10/1/2012	0.3
11/1/2012	140.0	11/1/2012	16.0	11/1/2012	10.0	no data		11/1/2012	19.0	10/31/2011	2.6	10/10/2011	2.1	11/1/2012	330.0	7/2/2012	8.7	11/1/2012	1.31	11/1/2012	0.29
12/3/2012	130.0	12/3/2012	17.0	12/3/2012	10.0	no data		12/3/2012	20.0	11/28/2011	1.8	10/17/2011	2.0	12/3/2012	340.0	9/4/2012	9.7	12/3/2012	1.25	12/3/2012	0.29
1/2/2013	120.0	1/2/2013	16.0	1/2/2013	4.8	no data		1/2/2013	18.0	12/12/2011	2.0	10/31/2011	1.9	1/2/2013	330.0	10/1/2012	7.3	1/2/2013	1.11	1/2/2013	0.19
2/1/2013	110.0	2/1/2013	14.0	2/1/2013	8.2	no data		2/1/2013	17.0	4/2/2012	2.1	11/28/2011	1.6	2/1/2013	290.0	11/1/2012	6.1	2/1/2013	1.05	2/1/2013	0.18
3/1/2013	110.0	3/1/2013	15.0	3/1/2013	4.2	no data		3/1/2013	18.0	7/2/2012	2.2	12/12/2011	1.6	3/1/2013	300.0	12/3/2012	5.2	3/1/2013	1.02	3/1/2013	0.19

Chemical Statistics

	1,1,1-TCA	1,1-DCA	1,1-DCE	Chloroethane	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl Chloride	TCA Group[4]	TCE Group[4]
Does the Well Satisfy a Steady State Condition?[1]	YES	YES	YES	#DIV/0!	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	0	8	8	8	8	8	8	8
Slope	-0.094	-0.003	-0.007	#DIV/0!	-0.014	0.000	-0.011	-0.207	-0.016	-0.002	-0.008
Intercept	4010.0826	143.9309	275.7309	#DIV/0!	584.0654	-4.1167	453.1780	8838.5582	656.9687	71.7986	330.3630
Standard Error of Estimates	11.588	0.968	3.062	#DIV/0!	0.966	0.247	0.156	15.999	1.045	0.156	0.766
X Variable Coefficient	-0.09429032	-0.00311499	-0.00651271	Insufficient Data	-0.01370826	0.00015231	-0.01104730	-0.20652012	-0.01577989	-0.00171256	-0.00799852
P-Value	0.160	0.550	0.690	Insufficient Data	0.031	0.877	0.000	0.044	0.012	0.073	0.086
Trend Analysis[2]	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*	*Insufficient Data*	*Significant Negative Trend*	*No Significant Trend*	*Significant Negative Trend*	*Significant Negative Trend*	*Significant Negative Trend*	*No Significant Trend*	*No Significant Trend*
Trend Analysis Result[3]	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Evaluate System Optimization	Continue Pumping	Evaluate System Optimization	Evaluate System Optimization	Evaluate System Optimization	Continue Pumping	Continue Pumping

Notes:

1 - Steady-state (stable) = slope less than error
2 - Significant trend identified by P<0.05 (95% confidence; a positive trend indicates increasing chemical concentrations; a negative trend indicates decreasing chemical concentrations)
3 - Analysis result determined by the P value. If the P<0.05 an action is required (evaluate system optimization if the trend analysis is negative, Evaluate System Optimization if the trend is positive).
4 - TCA Group includes 1,1,1-TCA; 1,1-DCA; 1,1-DCE; Chloroethane. TCE Group includes cis-1,2-DCE; PCE; trans-1,2-DCE; TCE; Vinyl Chloride.
5 - The statistics for the TCA Group and the TCE Group were completed using the sum of the mass equivalents of the component compounds.

Acronyms:

'TCA' - Trichloethane.
'DCA - Dichloroethane.
'DCE - Dichloroethene.
'PCE' - Tetrachloroethene.
'TCE' - Trichloroethene.

Table 10

GE OHD 008 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

EW-4P

Sample Date and Result

Chemical Data

1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group[4] µmol/L		TCE Group[4] µmol/L	
8/1/2012	150.0	8/1/2012	11.0	8/1/2012	3.7	no data		8/1/2012	6.5	no data		7/25/2011	1.9	8/1/2012	330.0	no data		8/1/2012	1.27	8/1/2012	2.57
9/4/2012	110.0	9/4/2012	9.8	9/4/2012	6.0	no data		9/4/2012	4.6	no data		8/8/2011	2.2	9/4/2012	300.0	7/25/2011	3.5	9/4/2012	0.99	9/4/2012	2.32
10/1/2012	120.0	10/1/2012	13.0	10/1/2012	4.0	no data		10/1/2012	18.0	no data		8/23/2011	1.3	10/1/2012	260.0	8/8/2011	4.5	10/1/2012	1.07	10/1/2012	2.16
11/1/2012	120.0	11/1/2012	13.0	11/1/2012	8.3	8/23/2011	0.87	11/1/2012	4.4	no data		9/26/2011	1.5	11/1/2012	290.0	8/23/2011	2.0	11/1/2012	1.12	11/1/2012	2.24
12/3/2012	110.0	12/3/2012	15.0	12/3/2012	5.2	9/26/2011	1.3	12/3/2012	4.6	no data		10/10/2011	1.8	12/3/2012	290.0	9/26/2011	2.0	12/3/2012	1.03	12/3/2012	2.25
1/2/2013	93.0	1/2/2013	14.0	1/2/2013	1.4	10/10/2011	1.1	1/2/2013	5.3	no data		10/17/2011	1.9	1/2/2013	260.0	10/10/2011	2.0	1/2/2013	0.85	1/2/2013	2.02
2/1/2013	89.0	2/1/2013	14.0	2/1/2013	3.0	10/17/2011	1.4	2/1/2013	4.1	no data		10/31/2011	1.7	2/1/2013	250.0	10/17/2011	1.6	2/1/2013	0.84	2/1/2013	1.94
3/1/2013	87.0	3/1/2013	15.0	3/1/2013	1.4	3/5/2012	4.7	3/1/2013	4.2	10/31/2011	0.63	12/12/2011	1.4	3/1/2013	250.0	10/31/2011	0.96	3/1/2013	0.82	3/1/2013	1.94

Chemical Statistics

	1,1,1-TCA	1,1-DCA	1,1-DCE	Chloroethane	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl Chloride	TCA Group[4]	TCE Group[4]
Does the Well Satisfy a Steady State Condition?[1]	YES	YES	YES	YES	YES	#DIV/0!	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	5	8	1	8	8	7	8	8
Slope	-0.252	0.021	-0.016	0.021	-0.023	#DIV/0!	-0.003	-0.318	-0.027	-0.002	-0.003
Intercept	10479.3147	-857.0151	677.2290	-847.8849	935.4991	#DIV/0!	110.9911	13371.3806	1117.3791	76.8788	110.9783
Standard Error of Estimates	10.079	1.073	2.164	0.357	4.773	#DIV/0!	0.294	17.237	0.694	0.086	0.092
X Variable Coefficient	-0.25150282	0.02110398	-0.01632562	Insufficient Data	-0.02253307	Insufficient Data	-0.00267760	-0.31755173	Insufficient Data	-0.00184042	-0.00263884
P-Value	0.003	0.008	0.188	Insufficient Data	0.389	Insufficient Data	0.303	0.011	Insufficient Data	0.006	0.001
Trend Analysis[2]	*Significant Negative Trend*	*Significant Positive Trend*	*No Significant Trend*	*Insufficient Data*	*No Significant Trend*	*Insufficient Data*	*No Significant Trend*	*Significant Negative Trend*	*Insufficient Data*	*Significant Negative Trend*	*Significant Negative Trend*
Trend Analysis Result[3]	Evaluate System Optimization	Evaluate System Optimization	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Evaluate System Optimization	Continue Pumping	Evaluate System Optimization	Evaluate System Optimization

Notes:

1 - Steady-state (stable) = slope less than error
2 - Significant trend identified by P<0.05 (95% confidence; a positive trend indicates increasing chemical concentrations; a negative trend indicates decreasing chemical concentrations)
3 - Analysis result determined by the P value. If the P<0.05 an action is required (evaluate system optimization if the trend analysis is negative, Evaluate System Optimization if the trend is positive).
4 - TCA Group includes 1,1,1-TCA; 1,1-DCA; 1,1-DCE; Chloroethane. TCE Group includes cis-1,2-DCE; PCE; trans-1,2-DCE; TCE; Vinyl Chloride.
5 - The statistics for the TCA Group and the TCE Group were completed using the sum of the mass equivalents of the component compounds.

Acronyms:

'TCA' - Trichloethane.
'DCA - Dichloroethane.
'DCE - Dichloroethene.
'PCE' - Tetrachloroethene.
'TCE' - Trichloroethene.

Table 10

GE OHD 008 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

Chemical Data

EW-5P Sample Date and Result	1,1,1-TCA µg/L	1,1-DCA µg/L	1,1-DCE µg/L	Chloroethane µg/L	cis-1,2-DCE µg/L	PCE µg/L	trans-1,2-DCE µg/L	TCE µg/L	Vinyl Chloride µg/L	TCA Group[4] µmol/L	TCE Group[4] µmol/L
	8/1/2012 150.0	8/1/2012 13.0	8/1/2012 4.6	10/17/2011 4.9	8/1/2012 18.0	no data	8/8/2011 2.3	8/1/2012 300.0	10/31/2011 4.2	8/1/2012 1.3	8/1/2012 2.46
	9/4/2012 120.0	9/4/2012 12.0	9/4/2012 19.0	10/31/2011 3.0	9/4/2012 16.0	8/23/2011 0.51	8/23/2011 1.9	9/4/2012 270.0	11/28/2011 5.0	9/4/2012 1.22	9/4/2012 2.21
	10/1/2012 110.0	10/1/2012 11.0	10/1/2012 2.3	11/14/2011 5.1	10/1/2012 4.5	9/6/2011 0.47	9/6/2011 2.2	10/1/2012 270.0	12/12/2011 3.7	10/1/2012 0.96	10/1/2012 2.09
	11/1/2012 140.0	11/1/2012 12.0	11/1/2012 11.0	11/28/2011 5.0	11/1/2012 19.0	10/10/2011 0.48	9/26/2011 1.8	11/1/2012 270.0	11/1/2012 4.8	11/1/2012 1.28	11/1/2012 2.32
	12/3/2012 130.0	12/3/2012 13.0	12/3/2012 8.5	12/12/2011 4.6	12/3/2012 20.0	10/17/2011 0.47	10/10/2011 1.6	12/3/2012 280.0	12/3/2012 9.0	12/3/2012 1.19	12/3/2012 2.47
	1/2/2013 120.0	1/2/2013 15.0	1/2/2013 4.6	1/16/2012 8.5	1/2/2013 20.0	10/31/2011 0.9	10/17/2011 1.6	1/2/2013 260.0	1/2/2013 11.0	1/2/2013 1.1	1/2/2013 2.35
	2/1/2013 110.0	2/1/2013 13.0	2/1/2013 6.5	2/7/2012 8.0	2/1/2013 19.0	12/12/2011 0.61	10/31/2011 1.5	2/1/2013 240.0	2/1/2013 9.7	2/1/2013 1.02	2/1/2013 2.17
	3/1/2013 120.0	3/1/2013 16.0	3/1/2013 5.3	5/1/2012 2.3	3/1/2013 20.0	7/2/2012 0.77	12/12/2011 1.1	3/1/2013 250.0	3/1/2013 11.0	3/1/2013 1.12	3/1/2013 2.28

Chemical Statistics

	1,1,1-TCA	1,1-DCA	1,1-DCE	Chloroethane	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl Chloride	TCA Group[4]	TCE Group[4]
Does the Well Satisfy a Steady State Condition?[1]	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	8	8	7	8	8	8	8	8
Slope	-0.095	0.015	-0.020	-0.001	0.030	0.001	-0.009	-0.205	0.013	-0.001	0.000
Intercept	4048.9665	-614.1810	832.7886	26.4504	-1230.2039	-35.2759	374.5919	8703.6305	-515.3824	32.7352	11.1729
Standard Error of Estimates	13.224	1.285	5.466	2.326	5.128	0.157	0.129	11.021	1.770	0.116	0.144
X Variable Coefficient	-0.09517280	0.01521483	-0.02001129	-0.00052017	0.03025149	Insufficient Data	-0.00913436	-0.20461187	0.01271003	-0.00076609	-0.00021535
P-Value	0.206	0.059	0.498	0.971	0.290	Insufficient Data	0.000	0.011	0.007	0.243	0.778
Trend Analysis[2]	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*	*Insufficient Data*	*Significant Negative Trend*	*Significant Negative Trend*	*Significant Positive Trend*	*No Significant Trend*	*No Significant Trend*
Trend Analysis Result[3]	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Evaluate System Optimization	Evaluate System Optimization	Evaluate System Optimization	Continue Pumping	Continue Pumping

Notes:

1 - Steady-state (stable) = slope less than error
2 - Significant trend identified by P<0.05 (95% confidence; a positive trend indicates increasing chemical concentrations; a negative trend indicates decreasing chemical concentrations)
3 - Analysis result determined by the P value. If the P<0.05 an action is required (evaluate system optimization if the trend analysis is negative, Evaluate System Optimization if the trend is positive).
4 - TCA Group includes 1,1,1-TCA; 1,1-DCA; 1,1-DCE; Chloroethane. TCE Group includes cis-1,2-DCE; PCE; trans-1,2-DCE; TCE; Vinyl Chloride.
5 - The statistics for the TCA Group and the TCE Group were completed using the sum of the mass equivalents of the component compounds.

Acronyms:

'TCA' - Trichloethane.
'DCA - Dichloroethane.
'DCE - Dichloroethene.
'PCE' - Tetrachloroethene.
'TCE' - Trichloroethene.

Table 10

GE OHD 008 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

EW-6P

Sample Date and Result

Chemical Data

1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group[4] µmol/L		TCE Group[4] µmol/L	
8/1/2012	77.0	8/1/2012	8.1	7/2/2012	3.9	no data		8/1/2012	13.0	9/26/2011	1.1	7/25/2011	2.2	8/1/2012	200.0	10/17/2011	4.1	8/1/2012	0.69	8/1/2012	1.65
9/4/2012	60.0	9/4/2012	7.2	8/1/2012	2.8	no data		9/4/2012	12.0	10/10/2011	1.3	8/8/2011	2.4	9/4/2012	190.0	10/31/2011	4.1	9/4/2012	0.55	9/4/2012	1.57
10/1/2012	63.0	10/1/2012	7.7	9/4/2012	3.0	no data		10/1/2012	12.0	10/17/2011	1.7	8/23/2011	1.2	10/1/2012	180.0	11/14/2011	6.0	10/1/2012	0.58	10/1/2012	1.55
11/1/2012	74.0	11/1/2012	7.7	10/1/2012	2.7	no data		11/1/2012	13.0	10/31/2011	1.7	9/6/2011	1.8	11/1/2012	190.0	11/28/2011	4.4	11/1/2012	0.69	11/1/2012	1.63
12/3/2012	64.0	12/3/2012	7.5	11/1/2012	6.0	no data		12/3/2012	12.0	11/28/2011	1.3	9/26/2011	1.5	12/3/2012	180.0	12/12/2011	3.5	12/3/2012	0.6	12/3/2012	1.49
1/2/2013	62.0	1/2/2013	8.1	12/3/2012	4.5	no data		1/2/2013	12.0	12/12/2011	1.2	10/10/2011	1.6	1/2/2013	180.0	4/2/2012	2.1	1/2/2013	0.57	1/2/2013	1.49
2/1/2013	60.0	2/1/2013	6.8	1/2/2013	2.3	no data		2/1/2013	11.0	4/2/2012	1.1	10/31/2011	1.8	2/1/2013	170.0	10/1/2012	4.0	2/1/2013	0.52	2/1/2013	1.4
3/1/2013	65.0	3/1/2013	7.6	3/1/2013	2.1	no data		3/1/2013	12.0	7/2/2012	1.4	12/12/2011	1.6	3/1/2013	190.0	11/1/2012	3.6	3/1/2013	0.59	3/1/2013	1.56

Chemical Statistics

	1,1,1-TCA	1,1-DCA	1,1-DCE	Chloroethane	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl Chloride	TCA Group[4]	TCE Group[4]
Does the Well Satisfy a Steady State Condition?[1]	YES	YES	YES	#DIV/0!	YES	YES	YES	YES	YES	YES	YES
Number of Data Points	8	8	8	0	8	8	8	8	8	8	8
Slope	-0.039	-0.002	-0.003	#DIV/0!	-0.005	0.000	-0.004	-0.072	-0.002	0.000	-0.001
Intercept	1674.7730	82.2621	136.4728	#DIV/0!	225.0632	18.7944	147.6565	3137.6394	102.0391	17.1801	30.9059
Standard Error of Estimates	6.149	0.448	1.393	#DIV/0!	0.554	0.254	0.376	8.179	1.098	0.059	0.067
X Variable Coefficient	-0.03902864	-0.00181118	-0.00322937	Insufficient Data	-0.00516465	-0.00042654	-0.00357522	-0.07161399	-0.00239397	-0.00040217	-0.00071217
P-Value	0.258	0.456	0.636	Insufficient Data	0.116	0.676	0.287	0.136	0.407	0.227	0.082
Trend Analysis[2]	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*	*Insufficient Data*	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*
Trend Analysis Result[3]	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping

Notes:

1 - Steady-state (stable) = slope less than error
2 - Significant trend identified by P<0.05 (95% confidence; a positive trend indicates increasing chemical concentrations; a negative trend indicates decreasing chemical concentrations)
3 - Analysis result determined by the P value. If the P<0.05 an action is required (evaluate system optimization if the trend analysis is negative, Evaluate System Optimization if the trend is positive).
4 - TCA Group includes 1,1,1-TCA; 1,1-DCA; 1,1-DCE; Chloroethane. TCE Group includes cis-1,2-DCE; PCE; trans-1,2-DCE; TCE; Vinyl Chloride.
5 - The statistics for the TCA Group and the TCE Group were completed using the sum of the mass equivalents of the component compounds.

Acronyms:

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'DCA - Dichloroethane.
'DCE - Dichloroethene.
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'TCE' - Trichloroethene.

Table 10

GE OHD 008 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

EW-7S

Sample Date and Result

Chemical Data

1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group[4] µmol/L		TCE Group[4] µmol/L	
no data		8/1/2012	1.3	7/2/2012	0.43	no data		8/1/2012	79.0	no data		no data		no data		8/1/2012	74.0	8/1/2012	0.02	8/1/2012	2.0
no data		9/4/2012	1.1	8/1/2012	0.77	no data		9/4/2012	76.0	no data		no data		no data		9/4/2012	71.0	9/4/2012	0.02	9/4/2012	1.92
no data		10/1/2012	1.1	9/4/2012	0.41	no data		10/1/2012	71.0	no data		no data		no data		10/1/2012	77.0	10/1/2012	0.02	10/1/2012	1.96
no data		11/1/2012	1.1	10/1/2012	0.42	no data		11/1/2012	72.0	no data		no data		no data		11/1/2012	77.0	11/1/2012	0.01	11/1/2012	1.97
no data		12/3/2012	1.2	12/3/2012	0.47	no data		12/3/2012	72.0	no data		no data		no data		12/3/2012	78.0	12/3/2012	0.02	12/3/2012	1.99
no data		1/2/2013	1.1	1/2/2013	0.59	no data		1/2/2013	94.0	no data		no data		no data		1/2/2013	110.0	1/2/2013	0.02	1/2/2013	2.73
no data		2/1/2013	1.1	2/1/2013	0.38	no data		2/1/2013	80.0	no data		no data		no data		2/1/2013	83.0	2/1/2013	0.02	2/1/2013	2.15
no data		3/1/2013	1.2	3/1/2013	0.4	no data		3/1/2013	62.0	no data		12/12/2011	1.3	no data		3/1/2013	90.0	3/1/2013	0.02	3/1/2013	2.08

Chemical Statistics

	1,1,1-TCA	1,1-DCA	1,1-DCE	Chloroethane	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl Chloride	TCA Group[4]	TCE Group[4]
Does the Well Satisfy a Steady State Condition?[1]	#DIV/0!	YES	YES	#DIV/0!	YES	#DIV/0!	#DIV/0!	#DIV/0!	YES	YES	YES
Number of Data Points	0	8	8	0	8	0	1	0	8	8	8
Slope	#DIV/0!	0.000	0.000	#DIV/0!	-0.011	#DIV/0!	#DIV/0!	#DIV/0!	0.107	0.000	0.002
Intercept	#DIV/0!	11.2556	20.5090	#DIV/0!	516.0034	#DIV/0!	#DIV/0!	#DIV/0!	-4323.0292	0.4134	-63.8483
Standard Error of Estimates	#DIV/0!	0.079	0.136	#DIV/0!	9.976	#DIV/0!	#DIV/0!	#DIV/0!	10.456	0.003	0.255
X Variable Coefficient	Insufficient Data	-0.00024510	-0.00048588	Insufficient Data	-0.01067801	Insufficient Data	Insufficient Data	Insufficient Data	0.10685276	-0.00000964	0.00159956
P-Value	Insufficient Data	0.565	0.431	Insufficient Data	0.840	Insufficient Data	Insufficient Data	Insufficient Data	0.091	0.536	0.263
Trend Analysis[2]	*Insufficient Data*	*No Significant Trend*	*No Significant Trend*	*Insufficient Data*	*No Significant Trend*	*Insufficient Data*	*Insufficient Data*	*Insufficient Data*	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*
Trend Analysis Result[3]	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping

Notes:

1 - Steady-state (stable) = slope less than error
2 - Significant trend identified by P<0.05 (95% confidence; a positive trend indicates increasing chemical concentrations; a negative trend indicates decreasing chemical concentrations)
3 - Analysis result determined by the P value. If the P<0.05 an action is required (evaluate system optimization if the trend analysis is negative, Evaluate System Optimization if the trend is positive).
4 - TCA Group includes 1,1,1-TCA; 1,1-DCA; 1,1-DCE; Chloroethane. TCE Group includes cis-1,2-DCE; PCE; trans-1,2-DCE; TCE; Vinyl Chloride.
5 - The statistics for the TCA Group and the TCE Group were completed using the sum of the mass equivalents of the component compounds.

Acronyms:

'TCA' - Trichloethane.
'DCA - Dichloroethane.
'DCE - Dichloroethene.
'PCE' - Tetrachloroethene.
'TCE' - Trichloroethene.

Table 10

GE OHD 008 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

EW-3D

Sample Date and Result

Chemical Data																						
	1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group[4] µmol/L		TCE Group[4] µmol/L	
	no data		no data		no data		no data		8/1/2012	240.0	no data		8/1/2012	52.0	8/1/2012	290.0	7/2/2012	4.4	no data		8/1/2012	5.21
	no data		no data		no data		no data		9/4/2012	230.0	no data		9/4/2012	48.0	9/4/2012	270.0	9/4/2012	4.5	no data		9/4/2012	4.99
	no data		9/26/2011	2.4	no data		no data		10/1/2012	220.0	no data		10/1/2012	47.0	10/1/2012	270.0	10/1/2012	5.1	9/26/2011	0.03	10/1/2012	4.88
	no data		10/10/2011	1.9	9/26/2011	1.0	no data		11/1/2012	210.0	no data		11/1/2012	42.0	11/1/2012	280.0	11/1/2012	4.5	10/10/2011	0.03	11/1/2012	4.79
	no data		10/17/2011	1.7	10/10/2011	0.85	no data		12/3/2012	230.0	no data		12/3/2012	48.0	12/3/2012	280.0	12/3/2012	5.0	10/17/2011	0.02	12/3/2012	5.07
	no data		10/31/2011	1.6	10/17/2011	0.66	no data		1/2/2013	220.0	no data		1/2/2013	47.0	1/2/2013	270.0	1/2/2013	4.8	10/31/2011	0.02	1/2/2013	4.88
	no data		11/28/2011	1.6	10/31/2011	0.77	no data		2/1/2013	210.0	no data		2/1/2013	43.0	2/1/2013	260.0	2/1/2013	4.5	11/28/2011	0.02	2/1/2013	4.65
	no data		12/12/2011	1.4	12/12/2011	0.55	no data		3/1/2013	210.0	10/31/2011	0.41	3/1/2013	44.0	3/1/2013	290.0	3/1/2013	4.4	12/12/2011	0.02	3/1/2013	4.89

Chemical Statistics	1,1,1-TCA	1,1-DCA	1,1-DCE	Chloroethane	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl Chloride	TCA Group[4]	TCE Group[4]
Does the Well Satisfy a Steady State Condition?[1]	#DIV/0!	YES	YES	#DIV/0!	YES	#DIV/0!	YES	YES	YES	YES	YES
Number of Data Points	0	6	5	0	8	1	8	8	8	6	8
Slope	#DIV/0!	-0.010	-0.005	#DIV/0!	-0.113	#DIV/0!	-0.029	-0.021	0.000	0.000	-0.001
Intercept	#DIV/0!	410.2367	207.2804	#DIV/0!	4891.5334	#DIV/0!	1258.2831	1154.6605	2.7509	7.8774	64.2520
Standard Error of Estimates	#DIV/0!	0.208	0.102	#DIV/0!	8.067	#DIV/0!	2.595	11.328	0.300	0.003	0.143
X Variable Coefficient	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	-0.11327410	Insufficient Data	-0.02939389	-0.02130517	0.00004607	Insufficient Data	-0.00143906
P-Value	Insufficient Data	Insufficient Data	Insufficient Data	Insufficient Data	0.033	Insufficient Data	0.067	0.724	0.975	Insufficient Data	0.095
Trend Analysis[2]	*Insufficient Data*	*Insufficient Data*	*Insufficient Data*	*Insufficient Data*	*Significant Negative Trend*	*Insufficient Data*	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*	*Insufficient Data*	*No Significant Trend*
Trend Analysis Result[3]	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Evaluate System Optimization	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping

Notes:

1 - Steady-state (stable) = slope less than error
2 - Significant trend identified by P<0.05 (95% confidence; a positive trend indicates increasing chemical concentrations; a negative trend indicates decreasing chemical concentrations)
3 - Analysis result determined by the P value. If the P<0.05 an action is required (evaluate system optimization if the trend analysis is negative, Evaluate System Optimization if the trend is positive).
4 - TCA Group includes 1,1,1-TCA; 1,1-DCA; 1,1-DCE; Chloroethane. TCE Group includes cis-1,2-DCE; PCE; trans-1,2-DCE; TCE; Vinyl Chloride.
5 - The statistics for the TCA Group and the TCE Group were completed using the sum of the mass equivalents of the component compounds.

Acronyms:

'TCA' - Trichloethane.
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'PCE' - Tetrachloroethene.
'TCE' - Trichloroethene.

Table 10

GE OHD 008 817 312
GE Aviation Evendale, Ohio - Groundwater IRM
Summary of Extraction Well Influent Chemical Statistical Approach

EW-8D

Sample Date and Result

Chemical Data

1,1,1-TCA µg/L		1,1-DCA µg/L		1,1-DCE µg/L		Chloroethane µg/L		cis-1,2-DCE µg/L		PCE µg/L		trans-1,2-DCE µg/L		TCE µg/L		Vinyl Chloride µg/L		TCA Group[4] µmol/L		TCE Group[4] µmol/L	
no data		8/1/2012	1.7	no data		no data		8/1/2012	8.5	no data		8/1/2012	4.5	no data		8/1/2012	9.1	8/1/2012	0.02	8/1/2012	0.28
no data		9/4/2012	1.5	no data		no data		9/4/2012	7.3	no data		9/4/2012	3.6	no data		9/4/2012	8.7	9/4/2012	0.02	9/4/2012	0.25
no data		10/1/2012	1.6	9/26/2011	0.46	no data		10/1/2012	7.2	no data		10/1/2012	3.9	no data		10/1/2012	9.6	10/1/2012	0.02	10/1/2012	0.27
no data		11/1/2012	1.6	10/17/2011	0.53	no data		11/1/2012	7.5	no data		11/1/2012	3.9	no data		11/1/2012	9.7	11/1/2012	0.02	11/1/2012	0.27
no data		12/3/2012	1.6	10/31/2011	0.43	no data		12/3/2012	7.6	no data		12/3/2012	3.6	no data		12/3/2012	9.7	12/3/2012	0.02	12/3/2012	0.27
no data		1/2/2013	1.6	11/14/2011	0.43	no data		1/2/2013	7.5	no data		1/2/2013	3.7	no data		1/2/2013	12.0	1/2/2013	0.02	1/2/2013	0.31
no data		2/1/2013	1.5	4/2/2012	0.7	no data		2/1/2013	6.8	no data		2/1/2013	3.5	no data		2/1/2013	9.1	2/1/2013	0.02	2/1/2013	0.25
no data		3/1/2013	1.7	5/1/2012	0.42	no data		3/1/2013	6.7	no data		3/1/2013	3.5	no data		3/1/2013	11.0	3/1/2013	0.02	3/1/2013	0.28

Chemical Statistics

	1,1,1-TCA	1,1-DCA	1,1-DCE	Chloroethane	cis-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl Chloride	TCA Group[4]	TCE Group[4]
Does the Well Satisfy a Steady State Condition?[1]	#DIV/0!	YES	YES	#DIV/0!	YES	#DIV/0!	YES	#DIV/0!	YES	YES	YES
Number of Data Points	0	8	6	0	8	0	8	0	8	8	8
Slope	#DIV/0!	0.000	0.000	#DIV/0!	-0.006	#DIV/0!	-0.003	#DIV/0!	0.009	0.000	0.000
Intercept	#DIV/0!	2.2367	-16.0565	#DIV/0!	235.9715	#DIV/0!	141.3478	#DIV/0!	-352.5449	0.0226	-1.5505
Standard Error of Estimates	#DIV/0!	0.082	0.113	#DIV/0!	0.404	#DIV/0!	0.239	#DIV/0!	0.958	0.001	0.019
X Variable Coefficient	Insufficient Data	-0.00001544	Insufficient Data	Insufficient Data	-0.00554413	Insufficient Data	-0.00333672	Insufficient Data	0.00878991	-0.00000016	0.00004423
P-Value	Insufficient Data	0.972	Insufficient Data	Insufficient Data	0.036	Insufficient Data	0.034	Insufficient Data	0.121	0.972	0.661
Trend Analysis[2]	*Insufficient Data*	*No Significant Trend*	*Insufficient Data*	*Insufficient Data*	*Significant Negative Trend*	*Insufficient Data*	*Significant Negative Trend*	*Insufficient Data*	*No Significant Trend*	*No Significant Trend*	*No Significant Trend*
Trend Analysis Result[3]	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping	Evaluate System Optimization	Continue Pumping	Evaluate System Optimization	Continue Pumping	Continue Pumping	Continue Pumping	Continue Pumping

Notes:

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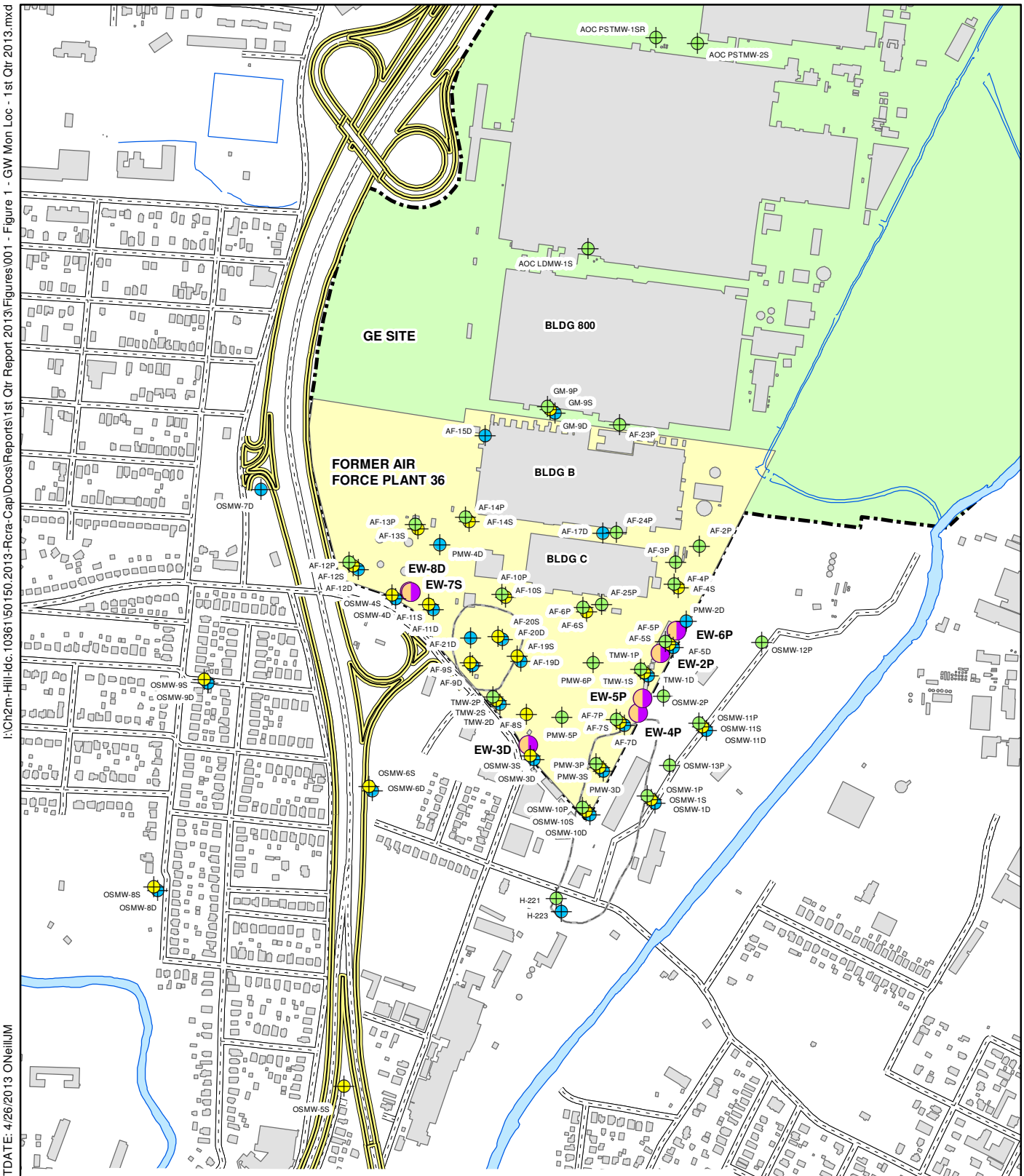
'DCE - Dichloroethene.
'PCE' - Tetrachloroethene.
'TCE' - Trichloroethene.

Figures

FIGURE 1



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PLOTDATE: 4/26/2013 ONeilJM

GE
EVENDALE, OHIO

LEGEND

- PERCHED MONITORING WELL LOCATION
- USG MONITORING WELL LOCATION
- LSG MONITORING WELL LOCATION
- EXTRACTION WELL

GROUNDWATER IRM MONITORING LOCATIONS

N

0 440 880 1,320 1,760
Feet

APRIL 2013
DOC/1st QTR/001

O'BRIEN & GERE

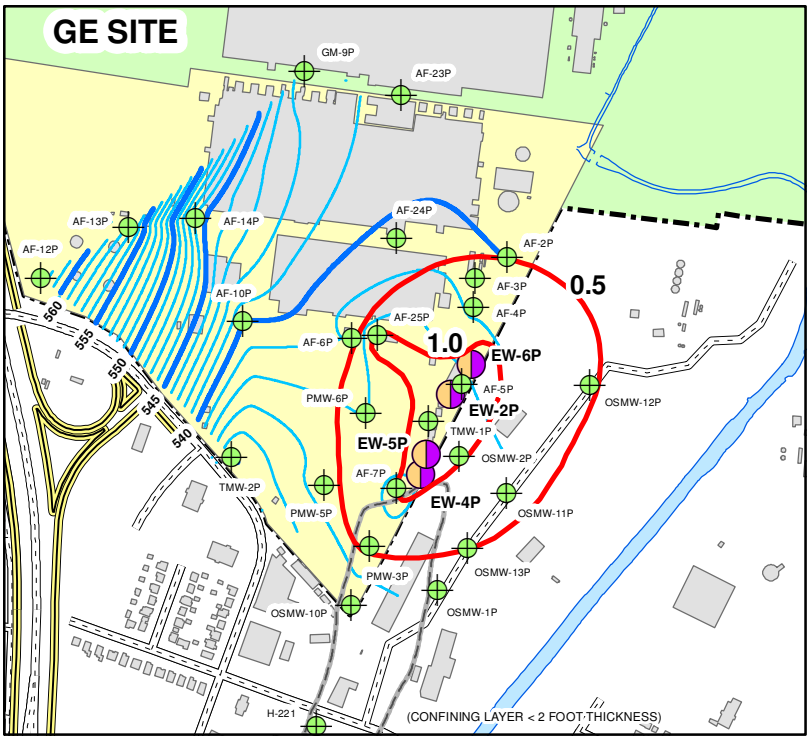
FIGURE 2

Perched Zone

Approximate Drawdown (ft)
January 8, 2013

Based on Manual & Transducer Measurements

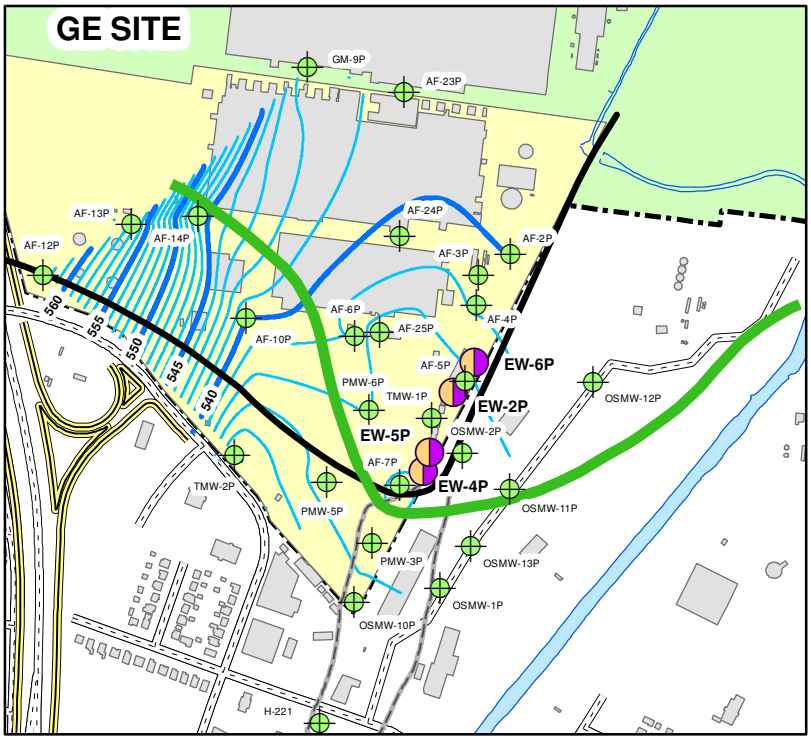
Estimated Drawdown (feet)



Perched Zone

Design Capture Zone (320 gpm)

Apparent Capture Zone (180 gpm) 1/8/2013



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PERCHED UNIT ESTIMATED DRAWDOWN AND CAPTURE ZONE

NOVEMBER 2012
48566.001

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PLOTDATE: 4/26/2013 ONeilJM

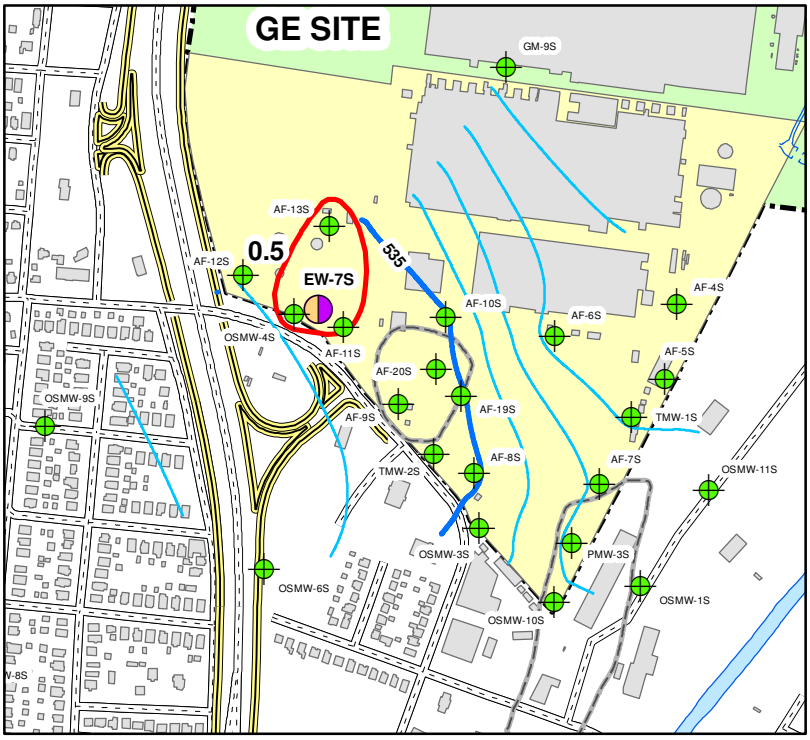
FIGURE 3

USG Zone

Approximate Drawdown (ft)
January 8, 2013

Based on Manual & Transducer Measurements

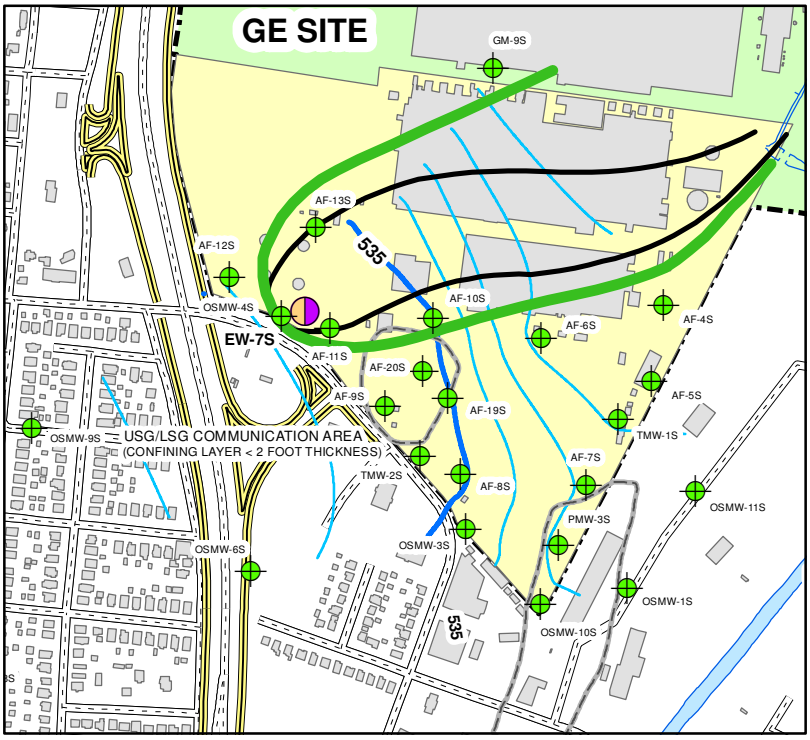
Estimated Drawdown (feet)



USG Zone

Design Capture Zone (80 gpm)

Apparent Capture Zone (45 gpm)
1/8/2013



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EVENDALE, OHIO

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USG UNIT ESTIMATED DRAWDOWN AND CAPTURE ZONE

NOVEMBER 2012
48566.002

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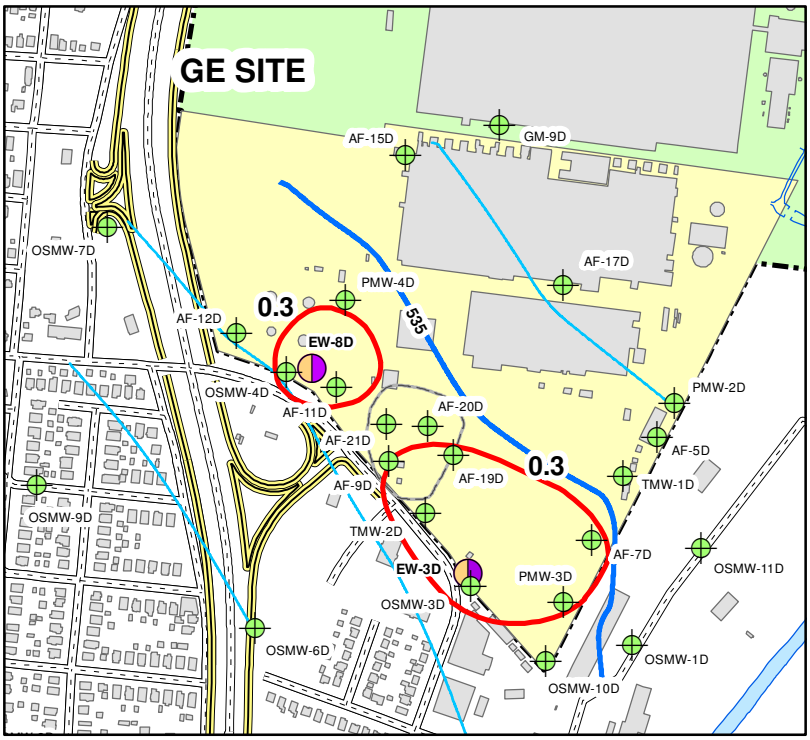
FIGURE 4

LSG Zone

Approximate Drawdown (ft)
January 8, 2013

Based on Manual & Transducer Measurements

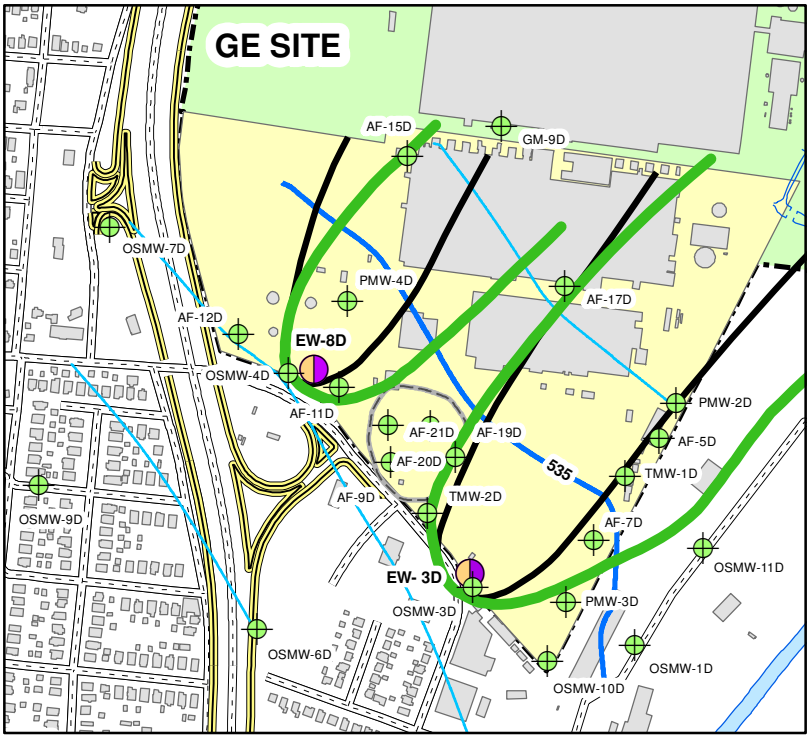
Estimated Drawdown (feet)



LSG Zone

Design Capture Zone (160 gpm)

Apparent Capture Zone (100 gpm) 1/8/2013



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LSG UNIT ESTIMATED DRAWDOWN AND CAPTURE ZONES

NOVEMBER 2012
47679.003

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Appendices

Appendix A

Analytical Laboratory Results

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-31262-1
TestAmerica Sample Delivery Group: 480-31262
Client Project/Site: GE - IRM Project

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
1/17/2013 4:20:13 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

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Visit us at: www.testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Job ID: 480-31262-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-31262-1

Comments
No additional comments.

Receipt
The samples were received on 1/9/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4º C.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: PMW-3D 010813 (480-31262-3), PMW-3S 010813 (480-31262-2). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Client Sample ID: Trip Blank 010813 — Lab Sample ID: 480-31262-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	17		10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: PMW-3S 010813 — Lab Sample ID: 480-31262-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	14		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	55		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	1.6	J	2.0	0.58	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	98		2.0	1.6	ug/L	2		8260B	Total/NA
Trichloroethene	8.7		2.0	0.92	ug/L	2		8260B	Total/NA
Vinyl chloride	39		2.0	1.8	ug/L	2		8260B	Total/NA

Client Sample ID: PMW-3D 010813 — Lab Sample ID: 480-31262-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	45		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	29		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.5	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	68		4.0	3.2	ug/L	4		8260B	Total/NA
Trichloroethene	22		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	190		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Client Sample ID: Trip Blank 010813

Lab Sample ID: 480-31262-1

Date Collected: 01/08/13 00:00
Matrix: Water
Date Received: 01/09/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/11/13 14:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/11/13 14:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/11/13 14:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/11/13 14:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/11/13 14:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/11/13 14:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/11/13 14:26	1
2-Hexanone	ND		5.0	1.2	ug/L			01/11/13 14:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/11/13 14:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/11/13 14:26	1
Acetone	**17**		10	3.0	ug/L			01/11/13 14:26	1
Benzene	ND		1.0	0.41	ug/L			01/11/13 14:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/11/13 14:26	1
Bromoform	ND		1.0	0.26	ug/L			01/11/13 14:26	1
Bromomethane	ND		1.0	0.69	ug/L			01/11/13 14:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/11/13 14:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/11/13 14:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/11/13 14:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/11/13 14:26	1
Chloroethane	ND		1.0	0.32	ug/L			01/11/13 14:26	1
Chloroform	ND		1.0	0.34	ug/L			01/11/13 14:26	1
Chloromethane	ND		1.0	0.35	ug/L			01/11/13 14:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/11/13 14:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/11/13 14:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/11/13 14:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/11/13 14:26	1
Styrene	ND		1.0	0.73	ug/L			01/11/13 14:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/11/13 14:26	1
Toluene	ND		1.0	0.51	ug/L			01/11/13 14:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/11/13 14:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/11/13 14:26	1
Trichloroethene	ND		1.0	0.46	ug/L			01/11/13 14:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/11/13 14:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/11/13 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*01/11/13 14:26*	*1*
Toluene-d8 (Surr)	*117*		*71 - 126*		*01/11/13 14:26*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*01/11/13 14:26*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Client Sample ID: PMW-3S 010813

Lab Sample ID: 480-31262-2

Date Collected: 01/08/13 08:25
Matrix: Water
Date Received: 01/09/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**14**		2.0	1.6	ug/L			01/11/13 14:50	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			01/11/13 14:50	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			01/11/13 14:50	2
1,1-Dichloroethane	**55**		2.0	0.76	ug/L			01/11/13 14:50	2
1,1-Dichloroethene	**1.6**	**J**	2.0	0.58	ug/L			01/11/13 14:50	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			01/11/13 14:50	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			01/11/13 14:50	2
2-Hexanone	ND		10	2.5	ug/L			01/11/13 14:50	2
2-Butanone (MEK)	ND		20	2.6	ug/L			01/11/13 14:50	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			01/11/13 14:50	2
Acetone	ND		20	6.0	ug/L			01/11/13 14:50	2
Benzene	ND		2.0	0.82	ug/L			01/11/13 14:50	2
Bromodichloromethane	ND		2.0	0.78	ug/L			01/11/13 14:50	2
Bromoform	ND		2.0	0.52	ug/L			01/11/13 14:50	2
Bromomethane	ND		2.0	1.4	ug/L			01/11/13 14:50	2
Carbon disulfide	ND		2.0	0.38	ug/L			01/11/13 14:50	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			01/11/13 14:50	2
Chlorobenzene	ND		2.0	1.5	ug/L			01/11/13 14:50	2
Dibromochloromethane	ND		2.0	0.64	ug/L			01/11/13 14:50	2
Chloroethane	ND		2.0	0.64	ug/L			01/11/13 14:50	2
Chloroform	ND		2.0	0.68	ug/L			01/11/13 14:50	2
Chloromethane	ND		2.0	0.70	ug/L			01/11/13 14:50	2
cis-1,2-Dichloroethene	**98**		2.0	1.6	ug/L			01/11/13 14:50	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			01/11/13 14:50	2
Ethylbenzene	ND		2.0	1.5	ug/L			01/11/13 14:50	2
Methylene Chloride	ND		2.0	0.88	ug/L			01/11/13 14:50	2
Styrene	ND		2.0	1.5	ug/L			01/11/13 14:50	2
Tetrachloroethene	ND		2.0	0.72	ug/L			01/11/13 14:50	2
Toluene	ND		2.0	1.0	ug/L			01/11/13 14:50	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			01/11/13 14:50	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			01/11/13 14:50	2
Trichloroethene	**8.7**		2.0	0.92	ug/L			01/11/13 14:50	2
Vinyl chloride	**39**		2.0	1.8	ug/L			01/11/13 14:50	2
Xylenes, Total	ND		4.0	1.3	ug/L			01/11/13 14:50	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*66 - 137*		*01/11/13 14:50*	*2*
Toluene-d8 (Surr)	*119*		*71 - 126*		*01/11/13 14:50*	*2*
4-Bromofluorobenzene (Surr)	*112*		*73 - 120*		*01/11/13 14:50*	*2*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Client Sample ID: PMW-3D 010813

Lab Sample ID: 480-31262-3

Date Collected: 01/08/13 08:35
Matrix: Water
Date Received: 01/09/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**45**		4.0	3.3	ug/L			01/11/13 15:14	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/11/13 15:14	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/11/13 15:14	4
1,1-Dichloroethane	**29**		4.0	1.5	ug/L			01/11/13 15:14	4
1,1-Dichloroethene	**2.5**	**J**	4.0	1.2	ug/L			01/11/13 15:14	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			01/11/13 15:14	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/11/13 15:14	4
2-Hexanone	ND		20	5.0	ug/L			01/11/13 15:14	4
2-Butanone (MEK)	ND		40	5.3	ug/L			01/11/13 15:14	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/11/13 15:14	4
Acetone	ND		40	12	ug/L			01/11/13 15:14	4
Benzene	ND		4.0	1.6	ug/L			01/11/13 15:14	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/11/13 15:14	4
Bromoform	ND		4.0	1.0	ug/L			01/11/13 15:14	4
Bromomethane	ND		4.0	2.8	ug/L			01/11/13 15:14	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/11/13 15:14	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/11/13 15:14	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/11/13 15:14	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/11/13 15:14	4
Chloroethane	ND		4.0	1.3	ug/L			01/11/13 15:14	4
Chloroform	ND		4.0	1.4	ug/L			01/11/13 15:14	4
Chloromethane	ND		4.0	1.4	ug/L			01/11/13 15:14	4
cis-1,2-Dichloroethene	**68**		4.0	3.2	ug/L			01/11/13 15:14	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/11/13 15:14	4
Ethylbenzene	ND		4.0	3.0	ug/L			01/11/13 15:14	4
Methylene Chloride	ND		4.0	1.8	ug/L			01/11/13 15:14	4
Styrene	ND		4.0	2.9	ug/L			01/11/13 15:14	4
Tetrachloroethene	ND		4.0	1.4	ug/L			01/11/13 15:14	4
Toluene	ND		4.0	2.0	ug/L			01/11/13 15:14	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			01/11/13 15:14	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/11/13 15:14	4
Trichloroethene	**22**		4.0	1.8	ug/L			01/11/13 15:14	4
Vinyl chloride	**190**		4.0	3.6	ug/L			01/11/13 15:14	4
Xylenes, Total	ND		8.0	2.6	ug/L			01/11/13 15:14	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*66 - 137*		*01/11/13 15:14*	*4*
Toluene-d8 (Surr)	*118*		*71 - 126*		*01/11/13 15:14*	*4*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*01/11/13 15:14*	*4*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-31262-1	Trip Blank 010813	110	117	110
480-31262-2	PMW-3S 010813	114	119	112
480-31262-3	PMW-3D 010813	114	118	114
LCS 480-99182/4	Lab Control Sample	109	120	115
MB 480-99182/5	Method Blank	111	117	111

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-99182/5
Matrix: Water
Analysis Batch: 99182

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/11/13 13:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/11/13 13:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/11/13 13:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/11/13 13:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/11/13 13:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/11/13 13:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/11/13 13:28	1
2-Hexanone	ND		5.0	1.2	ug/L			01/11/13 13:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/11/13 13:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/11/13 13:28	1
Acetone	ND		10	3.0	ug/L			01/11/13 13:28	1
Benzene	ND		1.0	0.41	ug/L			01/11/13 13:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/11/13 13:28	1
Bromoform	ND		1.0	0.26	ug/L			01/11/13 13:28	1
Bromomethane	ND		1.0	0.69	ug/L			01/11/13 13:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/11/13 13:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/11/13 13:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/11/13 13:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/11/13 13:28	1
Chloroethane	ND		1.0	0.32	ug/L			01/11/13 13:28	1
Chloroform	ND		1.0	0.34	ug/L			01/11/13 13:28	1
Chloromethane	ND		1.0	0.35	ug/L			01/11/13 13:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/11/13 13:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/11/13 13:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/11/13 13:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/11/13 13:28	1
Styrene	ND		1.0	0.73	ug/L			01/11/13 13:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/11/13 13:28	1
Toluene	ND		1.0	0.51	ug/L			01/11/13 13:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/11/13 13:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/11/13 13:28	1
Trichloroethene	ND		1.0	0.46	ug/L			01/11/13 13:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/11/13 13:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/11/13 13:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*01/11/13 13:28*	*1*
Toluene-d8 (Surr)	*117*		*71 - 126*		*01/11/13 13:28*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*01/11/13 13:28*	*1*

Lab Sample ID: LCS 480-99182/4
Matrix: Water
Analysis Batch: 99182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.0		ug/L		100	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.0		ug/L		100	70 - 126
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-99182/4
Matrix: Water
Analysis Batch: 99182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	25.2		ug/L		101	71 - 129
1,1-Dichloroethene	25.0	24.6		ug/L		98	58 - 121
1,2-Dichloroethane	25.0	24.6		ug/L		98	75 - 127
1,2-Dichloropropane	25.0	25.1		ug/L		100	76 - 120
2-Hexanone	125	131		ug/L		104	65 - 127
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		103	71 - 125
Acetone	125	119		ug/L		95	56 - 142
Benzene	25.0	26.0		ug/L		104	71 - 124
Bromodichloromethane	25.0	25.6		ug/L		102	80 - 122
Bromoform	25.0	26.1		ug/L		104	66 - 128
Bromomethane	25.0	24.0		ug/L		96	55 - 144
Carbon disulfide	25.0	27.3		ug/L		109	59 - 134
Carbon tetrachloride	25.0	26.1		ug/L		104	72 - 134
Chlorobenzene	25.0	26.3		ug/L		105	72 - 120
Dibromochloromethane	25.0	26.3		ug/L		105	75 - 125
Chloroethane	25.0	23.7		ug/L		95	69 - 136
Chloroform	25.0	25.3		ug/L		101	73 - 127
Chloromethane	25.0	25.6		ug/L		102	68 - 124
cis-1,2-Dichloroethene	25.0	25.7		ug/L		103	74 - 124
cis-1,3-Dichloropropene	25.0	25.2		ug/L		101	74 - 124
Ethylbenzene	25.0	26.3		ug/L		105	77 - 123
Methylene Chloride	25.0	24.8		ug/L		99	57 - 132
Styrene	25.0	26.7		ug/L		107	70 - 130
Tetrachloroethene	25.0	26.5		ug/L		106	74 - 122
Toluene	25.0	26.3		ug/L		105	80 - 122
trans-1,2-Dichloroethene	25.0	25.7		ug/L		103	73 - 127
trans-1,3-Dichloropropene	25.0	26.1		ug/L		104	72 - 123
Trichloroethene	25.0	25.5		ug/L		102	74 - 123
Vinyl chloride	25.0	25.6		ug/L		102	65 - 133
Xylenes, Total	75.0	78.1		ug/L		104	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*
Toluene-d8 (Surr)	*120*		*71 - 126*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

GC/MS VOA

Analysis Batch: 99182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-31262-1	Trip Blank 010813	Total/NA	Water	8260B	
480-31262-2	PMW-3S 010813	Total/NA	Water	8260B	
480-31262-3	PMW-3D 010813	Total/NA	Water	8260B	
LCS 480-99182/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-99182/5	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Client Sample ID: Trip Blank 010813

Lab Sample ID: 480-31262-1
Date Collected: 01/08/13 00:00
Matrix: Water
Date Received: 01/09/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	99182	01/11/13 14:26	LH	TAL BUF

Client Sample ID: PMW-3S 010813

Lab Sample ID: 480-31262-2
Date Collected: 01/08/13 08:25
Matrix: Water
Date Received: 01/09/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	99182	01/11/13 14:50	LH	TAL BUF

Client Sample ID: PMW-3D 010813

Lab Sample ID: 480-31262-3
Date Collected: 01/08/13 08:35
Matrix: Water
Date Received: 01/09/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	99182	01/11/13 15:14	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-31262-1	Trip Blank 010813	Water	01/08/13 00:00	01/09/13 09:00
480-31262-2	PMW-3S 010813	Water	01/08/13 08:25	01/09/13 09:00
480-31262-3	PMW-3D 010813	Water	01/08/13 08:35	01/09/13 09:00

Chain of Custody Record

480-31262

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica
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TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schove
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: 716-691-2600
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@obg.com		
Phone: 513-697-2020			
Project Name: GE IRM Project	Method of Shipment/Carrier: ~~FED EX overnight~~		
Project Number: 485766 007.200	Shipping/Tracking No:		
PO# 11210086			

COC No: 054100

1 of 1 COCs

Analysis Turnaround Time (In BUS days)

TAT if different from below

☐ 3 weeks
☒ 2 weeks KBS 1/8/13
☐ 1 week
☐ 2 days
☐ 1 day

Analyses: VOCs 8260B

For lab use only: Walk-in client ☐ Lab sampling ☐ Job/SDG No. ☐

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite (C)/Grab (G)	VOCs 8260B	Sample Specific Notes / Special Instructions:
Trip Blank 010813	1/8/13	—	X							2					N	G	X	
PMW-3S 010813	1/8/13	825	X							3					N	G	X	
PMW-3D 010813	1/8/13	835	X							3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments: Analysis Per QAPP; Level III Data Package

Relinquished by:	Company	Date/Time	Received by:	Company	Date/Time
[signature]	O'Brien & Gere	1/8/13 13:35	[signature]	TestAmerica	1-8-13 13:35
[signature]	TestAmerica	1-8-13 13:40	[signature]	TestAmerica	1/9/13 09:00
Relinquished by:	Company:	Date/Time	Received in Laboratory by:	Company:	Date/Time:

2483

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TAL 0018-1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-31262-1
SDG Number: 480-31262

Login Number: 31262
List Number: 1
Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-33208-1
Client Project/Site: GE - Evendale, OH site

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
2/28/2013 11:10:59 AM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-33208-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-33208-1

Comments
No additional comments.

Receipt
The samples were received on 2/20/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1º C.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: OSMW-11D 021913 (480-33208-24), OSMW-11S 021913 (480-33208-23), TMW-1P 021913 (480-33208-25). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 104359 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: AF-7S 021913 (480-33208-5), OSMW-10P 021913 (480-33208-16), PMW-3D 021913 (480-33208-12), PMW-3P 021913 (480-33208-9). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 104354 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: AF-7P 021913 (480-33208-3), OSMW-10S 021913 (480-33208-17), OSMW-1D 021913 (480-33208-15), OSMW-1S 021913 (480-33208-14), OSMW-6D 021913 (480-33208-10). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The method blank for batch 104354 contained carbon disulfide above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260B: The laboratory control sample (LCS) for batch 104703 exceeded control limits for the following analyte(s): 2-Butanone. This analyte has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: Trip Blank 021913 — Lab Sample ID: 480-33208-1

No Detections

Client Sample ID: OSMW-4S 021913 — Lab Sample ID: 480-33208-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.84	J	1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	4.9	J	10	3.0	ug/L	1		8260B	Total/NA
Vinyl chloride	77		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-7P 021913 — Lab Sample ID: 480-33208-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	32		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	24		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	1.2	J	2.0	0.58	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	6.8		2.0	1.6	ug/L	2		8260B	Total/NA
Tetrachloroethene	0.84	J	2.0	0.72	ug/L	2		8260B	Total/NA
Trichloroethene	81		2.0	0.92	ug/L	2		8260B	Total/NA

Client Sample ID: OSMW-4D 021913 — Lab Sample ID: 480-33208-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	9.0		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.6		1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	4.8	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	39		1.0	0.81	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	15		1.0	0.90	ug/L	1		8260B	Total/NA
Vinyl chloride	70		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-7S 021913 — Lab Sample ID: 480-33208-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	22		10	3.8	ug/L	10		8260B	Total/NA
1,1-Dichloroethene	4.1	J	10	2.9	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene	740		10	8.1	ug/L	10		8260B	Total/NA
Methylene Chloride	6.7	J	10	4.4	ug/L	10		8260B	Total/NA
Vinyl chloride	920		10	9.0	ug/L	10		8260B	Total/NA

Client Sample ID: AF-7D 021913 — Lab Sample ID: 480-33208-6

No Detections

Client Sample ID: ADW-100 021913 — Lab Sample ID: 480-33208-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.5	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-9D 021913 — Lab Sample ID: 480-33208-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.9	J	10	3.0	ug/L	1		8260B	Total/NA
Vinyl chloride	21		1.0	0.90	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: PMW-3P 021913 — Lab Sample ID: 480-33208-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	170		5.0	4.1	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	20		5.0	1.9	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	7.3		5.0	1.5	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	220		5.0	4.1	ug/L	5		8260B	Total/NA
Methylene Chloride	2.4	J	5.0	2.2	ug/L	5		8260B	Total/NA
Trichloroethene	150		5.0	2.3	ug/L	5		8260B	Total/NA

Client Sample ID: OSMW-6D 021913 — Lab Sample ID: 480-33208-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.7		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.44	J	1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	6.3	J	10	3.0	ug/L	1		8260B	Total/NA
Chloroethane	7.8		1.0	0.32	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	20		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride - DL	160		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: PMW-3S 021913 — Lab Sample ID: 480-33208-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	13		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	37		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.3		1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	9.6	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	73		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	45		1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	4.7		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: PMW-3D 021913 — Lab Sample ID: 480-33208-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	44		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	28		4.0	1.5	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	86		4.0	3.2	ug/L	4		8260B	Total/NA
Methylene Chloride	2.3	J	4.0	1.8	ug/L	4		8260B	Total/NA
Trichloroethene	18		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	240		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: OSMW-1P 021913 — Lab Sample ID: 480-33208-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.0		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	5.3	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-1S 021913 — Lab Sample ID: 480-33208-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	7.8	J	8.0	3.0	ug/L	8		8260B	Total/NA
cis-1,2-Dichloroethene	440		8.0	6.5	ug/L	8		8260B	Total/NA
Vinyl chloride	200		8.0	7.2	ug/L	8		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-1D 021913 — Lab Sample ID: 480-33208-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.0		2.0	0.76	ug/L	2		8260B	Total/NA
Acetone	8.6	J	20	6.0	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	140		2.0	1.6	ug/L	2		8260B	Total/NA
Vinyl chloride	75		2.0	1.8	ug/L	2		8260B	Total/NA

Client Sample ID: OSMW-10P 021913 — Lab Sample ID: 480-33208-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	210		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	17		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	6.1		4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	10		4.0	3.2	ug/L	4		8260B	Total/NA
Methylene Chloride	4.8		4.0	1.8	ug/L	4		8260B	Total/NA
Trichloroethene	200		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	5.6		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: OSMW-10S 021913 — Lab Sample ID: 480-33208-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	56		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	32		1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	4.8	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	100		1.0	0.81	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.2		1.0	0.90	ug/L	1		8260B	Total/NA
Trichloroethene	29		1.0	0.46	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane - DL	140		4.0	3.3	ug/L	4		8260B	Total/NA
Vinyl chloride - DL	120		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: OSMW-10D 021913 — Lab Sample ID: 480-33208-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.1	J	10	3.0	ug/L	1		8260B	Total/NA
Vinyl chloride	3.1		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-3S 021913 — Lab Sample ID: 480-33208-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.58	J	1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	4.9	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.0		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	4.5		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-12P 021913 — Lab Sample ID: 480-33208-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.4		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.6		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	5.2	J	10	3.0	ug/L	1		8260B	Total/NA
Trichloroethene	5.1		1.0	0.46	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-3D 021913 — Lab Sample ID: 480-33208-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	3.8	J	10	3.0	ug/L	1		8260B	Total/NA
Benzene	1.4		1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.0		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	2.5		1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	6.7		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-11P 021913 — Lab Sample ID: 480-33208-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.0		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	3.8	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.5		1.0	0.81	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-11S 021913 — Lab Sample ID: 480-33208-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	30		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.2	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	250		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	5.9		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	32		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	4.6		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: OSMW-11D 021913 — Lab Sample ID: 480-33208-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	30		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.6	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	250		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	5.8		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	32		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	5.5		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: TMW-1P 021913 — Lab Sample ID: 480-33208-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	230		10	8.2	ug/L	10		8260B	Total/NA
1,1-Dichloroethane	97		10	3.8	ug/L	10		8260B	Total/NA
1,1-Dichloroethene	14		10	2.9	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene	54		10	8.1	ug/L	10		8260B	Total/NA
Trichloroethene	410		10	4.6	ug/L	10		8260B	Total/NA
Vinyl chloride	70		10	9.0	ug/L	10		8260B	Total/NA

Client Sample ID: TMW-1S 021913 — Lab Sample ID: 480-33208-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.0	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	9.1		1.0	0.90	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-13P 021913 — Lab Sample ID: 480-33208-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	5.8	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.7		1.0	0.81	ug/L	1		8260B	Total/NA

Client Sample ID: TMW-1D 021913 — Lab Sample ID: 480-33208-28

No Detections

Client Sample ID: AF-11S 021913 — Lab Sample ID: 480-33208-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.0		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	5.2	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	11		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	32		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-11D 021913 — Lab Sample ID: 480-33208-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.4	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: ADW-101 021913 — Lab Sample ID: 480-33208-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.4	J	10	3.0	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: Trip Blank 021913

Lab Sample ID: 480-33208-1

Date Collected: 02/19/13 00:00

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 12:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 12:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 12:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 12:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 12:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 12:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 12:58	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 12:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 12:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 12:58	1
Acetone	ND		10	3.0	ug/L			02/21/13 12:58	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 12:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 12:58	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 12:58	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 12:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 12:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 12:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 12:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 12:58	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 12:58	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 12:58	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 12:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 12:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 12:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 12:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 12:58	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 12:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 12:58	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 12:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 12:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 12:58	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 12:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 12:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*02/21/13 12:58*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*02/21/13 12:58*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*02/21/13 12:58*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-4S 021913

Lab Sample ID: 480-33208-2

Date Collected: 02/19/13 08:53

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 13:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 13:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 13:24	1
1,1-Dichloroethane	**0.84**	**J**	1.0	0.38	ug/L			02/21/13 13:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 13:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 13:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 13:24	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 13:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 13:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 13:24	1
Acetone	**4.9**	**J**	10	3.0	ug/L			02/21/13 13:24	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 13:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 13:24	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 13:24	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 13:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 13:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 13:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 13:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 13:24	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 13:24	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 13:24	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 13:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 13:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 13:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 13:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 13:24	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 13:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 13:24	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 13:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 13:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 13:24	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 13:24	1
Vinyl chloride	**77**		1.0	0.90	ug/L			02/21/13 13:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 13:24*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*02/21/13 13:24*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/21/13 13:24*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: AF-7P 021913

Lab Sample ID: 480-33208-3

Date Collected: 02/19/13 08:54

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**32**		2.0	1.6	ug/L			02/25/13 14:23	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			02/25/13 14:23	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			02/25/13 14:23	2
1,1-Dichloroethane	**24**		2.0	0.76	ug/L			02/25/13 14:23	2
1,1-Dichloroethene	**1.2**	**J**	2.0	0.58	ug/L			02/25/13 14:23	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			02/25/13 14:23	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			02/25/13 14:23	2
2-Hexanone	ND		10	2.5	ug/L			02/25/13 14:23	2
2-Butanone (MEK)	ND	*	20	2.6	ug/L			02/25/13 14:23	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			02/25/13 14:23	2
Acetone	ND		20	6.0	ug/L			02/25/13 14:23	2
Benzene	ND		2.0	0.82	ug/L			02/25/13 14:23	2
Bromodichloromethane	ND		2.0	0.78	ug/L			02/25/13 14:23	2
Bromoform	ND		2.0	0.52	ug/L			02/25/13 14:23	2
Bromomethane	ND		2.0	1.4	ug/L			02/25/13 14:23	2
Carbon disulfide	ND		2.0	0.38	ug/L			02/25/13 14:23	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			02/25/13 14:23	2
Chlorobenzene	ND		2.0	1.5	ug/L			02/25/13 14:23	2
Dibromochloromethane	ND		2.0	0.64	ug/L			02/25/13 14:23	2
Chloroethane	ND		2.0	0.64	ug/L			02/25/13 14:23	2
Chloroform	ND		2.0	0.68	ug/L			02/25/13 14:23	2
Chloromethane	ND		2.0	0.70	ug/L			02/25/13 14:23	2
cis-1,2-Dichloroethene	**6.8**		2.0	1.6	ug/L			02/25/13 14:23	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			02/25/13 14:23	2
Ethylbenzene	ND		2.0	1.5	ug/L			02/25/13 14:23	2
Methylene Chloride	ND		2.0	0.88	ug/L			02/25/13 14:23	2
Styrene	ND		2.0	1.5	ug/L			02/25/13 14:23	2
Tetrachloroethene	**0.84**	**J**	2.0	0.72	ug/L			02/25/13 14:23	2
Toluene	ND		2.0	1.0	ug/L			02/25/13 14:23	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			02/25/13 14:23	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			02/25/13 14:23	2
Trichloroethene	**81**		2.0	0.92	ug/L			02/25/13 14:23	2
Vinyl chloride	ND		2.0	1.8	ug/L			02/25/13 14:23	2
Xylenes, Total	ND		4.0	1.3	ug/L			02/25/13 14:23	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*02/25/13 14:23*	*2*
Toluene-d8 (Surr)	*108*		*71 - 126*		*02/25/13 14:23*	*2*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/25/13 14:23*	*2*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-4D 021913

Lab Sample ID: 480-33208-4

Date Collected: 02/19/13 08:57

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 14:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 14:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 14:14	1
1,1-Dichloroethane	**9.0**		1.0	0.38	ug/L			02/21/13 14:14	1
1,1-Dichloroethene	**1.6**		1.0	0.29	ug/L			02/21/13 14:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 14:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 14:14	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 14:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 14:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 14:14	1
Acetone	**4.8**	**J**	10	3.0	ug/L			02/21/13 14:14	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 14:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 14:14	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 14:14	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 14:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 14:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 14:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 14:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 14:14	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 14:14	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 14:14	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 14:14	1
cis-1,2-Dichloroethene	**39**		1.0	0.81	ug/L			02/21/13 14:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 14:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 14:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 14:14	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 14:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 14:14	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 14:14	1
trans-1,2-Dichloroethene	**15**		1.0	0.90	ug/L			02/21/13 14:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 14:14	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 14:14	1
Vinyl chloride	**70**		1.0	0.90	ug/L			02/21/13 14:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*02/21/13 14:14*	*1*
Toluene-d8 (Surr)	*90*		*71 - 126*		*02/21/13 14:14*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/21/13 14:14*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: AF-7S 021913

Lab Sample ID: 480-33208-5

Date Collected: 02/19/13 09:12

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			02/21/13 14:39	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			02/21/13 14:39	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			02/21/13 14:39	10
1,1-Dichloroethane	**22**		10	3.8	ug/L			02/21/13 14:39	10
1,1-Dichloroethene	**4.1**	**J**	10	2.9	ug/L			02/21/13 14:39	10
1,2-Dichloroethane	ND		10	2.1	ug/L			02/21/13 14:39	10
1,2-Dichloropropane	ND		10	7.2	ug/L			02/21/13 14:39	10
2-Hexanone	ND		50	12	ug/L			02/21/13 14:39	10
2-Butanone (MEK)	ND		100	13	ug/L			02/21/13 14:39	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			02/21/13 14:39	10
Acetone	ND		100	30	ug/L			02/21/13 14:39	10
Benzene	ND		10	4.1	ug/L			02/21/13 14:39	10
Bromodichloromethane	ND		10	3.9	ug/L			02/21/13 14:39	10
Bromoform	ND		10	2.6	ug/L			02/21/13 14:39	10
Bromomethane	ND		10	6.9	ug/L			02/21/13 14:39	10
Carbon disulfide	ND		10	1.9	ug/L			02/21/13 14:39	10
Carbon tetrachloride	ND		10	2.7	ug/L			02/21/13 14:39	10
Chlorobenzene	ND		10	7.5	ug/L			02/21/13 14:39	10
Dibromochloromethane	ND		10	3.2	ug/L			02/21/13 14:39	10
Chloroethane	ND		10	3.2	ug/L			02/21/13 14:39	10
Chloroform	ND		10	3.4	ug/L			02/21/13 14:39	10
Chloromethane	ND		10	3.5	ug/L			02/21/13 14:39	10
cis-1,2-Dichloroethene	**740**		10	8.1	ug/L			02/21/13 14:39	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			02/21/13 14:39	10
Ethylbenzene	ND		10	7.4	ug/L			02/21/13 14:39	10
Methylene Chloride	**6.7**	**J**	10	4.4	ug/L			02/21/13 14:39	10
Styrene	ND		10	7.3	ug/L			02/21/13 14:39	10
Tetrachloroethene	ND		10	3.6	ug/L			02/21/13 14:39	10
Toluene	ND		10	5.1	ug/L			02/21/13 14:39	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			02/21/13 14:39	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			02/21/13 14:39	10
Trichloroethene	ND		10	4.6	ug/L			02/21/13 14:39	10
Vinyl chloride	**920**		10	9.0	ug/L			02/21/13 14:39	10
Xylenes, Total	ND		20	6.6	ug/L			02/21/13 14:39	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/21/13 14:39*	*10*
Toluene-d8 (Surr)	*94*		*71 - 126*		*02/21/13 14:39*	*10*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*02/21/13 14:39*	*10*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: AF-7D 021913

Lab Sample ID: 480-33208-6

Date Collected: 02/19/13 09:22

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 15:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 15:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 15:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 15:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 15:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 15:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 15:04	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 15:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 15:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 15:04	1
Acetone	ND		10	3.0	ug/L			02/21/13 15:04	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 15:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 15:04	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 15:04	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 15:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 15:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 15:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 15:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 15:04	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 15:04	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 15:04	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 15:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 15:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 15:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 15:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 15:04	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 15:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 15:04	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 15:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 15:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 15:04	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 15:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 15:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/21/13 15:04*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*02/21/13 15:04*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/21/13 15:04*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: ADW-100 021913

Lab Sample ID: 480-33208-7

Date Collected: 02/19/13 00:00
Matrix: Water
Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 14:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 14:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 14:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 14:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 14:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 14:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 14:46	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 14:46	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/25/13 14:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 14:46	1
Acetone	**5.5**	**J**	10	3.0	ug/L			02/25/13 14:46	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 14:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 14:46	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 14:46	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 14:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 14:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 14:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 14:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 14:46	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 14:46	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 14:46	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 14:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 14:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 14:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 14:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 14:46	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 14:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 14:46	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 14:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 14:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 14:46	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 14:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 14:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/25/13 14:46*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*02/25/13 14:46*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*02/25/13 14:46*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-9D 021913

Lab Sample ID: 480-33208-8

Date Collected: 02/19/13 09:47

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 16:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 16:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 16:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 16:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 16:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 16:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 16:45	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 16:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 16:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 16:45	1
Acetone	**4.9**	**J**	10	3.0	ug/L			02/21/13 16:45	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 16:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 16:45	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 16:45	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 16:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 16:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 16:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 16:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 16:45	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 16:45	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 16:45	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 16:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 16:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 16:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 16:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 16:45	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 16:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 16:45	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 16:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 16:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 16:45	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 16:45	1
Vinyl chloride	**21**		1.0	0.90	ug/L			02/21/13 16:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 16:45*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*02/21/13 16:45*	*1*
4-Bromofluorobenzene (Surr)	*80*		*73 - 120*		*02/21/13 16:45*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: PMW-3P 021913

Lab Sample ID: 480-33208-9

Date Collected: 02/19/13 09:52
Matrix: Water
Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**170**		5.0	4.1	ug/L			02/21/13 17:10	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			02/21/13 17:10	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			02/21/13 17:10	5
1,1-Dichloroethane	**20**		5.0	1.9	ug/L			02/21/13 17:10	5
1,1-Dichloroethene	**7.3**		5.0	1.5	ug/L			02/21/13 17:10	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			02/21/13 17:10	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			02/21/13 17:10	5
2-Hexanone	ND		25	6.2	ug/L			02/21/13 17:10	5
2-Butanone (MEK)	ND		50	6.6	ug/L			02/21/13 17:10	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			02/21/13 17:10	5
Acetone	ND		50	15	ug/L			02/21/13 17:10	5
Benzene	ND		5.0	2.1	ug/L			02/21/13 17:10	5
Bromodichloromethane	ND		5.0	2.0	ug/L			02/21/13 17:10	5
Bromoform	ND		5.0	1.3	ug/L			02/21/13 17:10	5
Bromomethane	ND		5.0	3.5	ug/L			02/21/13 17:10	5
Carbon disulfide	ND		5.0	0.95	ug/L			02/21/13 17:10	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			02/21/13 17:10	5
Chlorobenzene	ND		5.0	3.8	ug/L			02/21/13 17:10	5
Dibromochloromethane	ND		5.0	1.6	ug/L			02/21/13 17:10	5
Chloroethane	ND		5.0	1.6	ug/L			02/21/13 17:10	5
Chloroform	ND		5.0	1.7	ug/L			02/21/13 17:10	5
Chloromethane	ND		5.0	1.8	ug/L			02/21/13 17:10	5
cis-1,2-Dichloroethene	**220**		5.0	4.1	ug/L			02/21/13 17:10	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			02/21/13 17:10	5
Ethylbenzene	ND		5.0	3.7	ug/L			02/21/13 17:10	5
Methylene Chloride	**2.4**	**J**	5.0	2.2	ug/L			02/21/13 17:10	5
Styrene	ND		5.0	3.7	ug/L			02/21/13 17:10	5
Tetrachloroethene	ND		5.0	1.8	ug/L			02/21/13 17:10	5
Toluene	ND		5.0	2.6	ug/L			02/21/13 17:10	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			02/21/13 17:10	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			02/21/13 17:10	5
Trichloroethene	**150**		5.0	2.3	ug/L			02/21/13 17:10	5
Vinyl chloride	ND		5.0	4.5	ug/L			02/21/13 17:10	5
Xylenes, Total	ND		10	3.3	ug/L			02/21/13 17:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*02/21/13 17:10*	*5*
Toluene-d8 (Surr)	*90*		*71 - 126*		*02/21/13 17:10*	*5*
4-Bromofluorobenzene (Surr)	*80*		*73 - 120*		*02/21/13 17:10*	*5*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-6D 021913

Lab Sample ID: 480-33208-10

Date Collected: 02/19/13 10:09

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 17:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 17:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 17:35	1
1,1-Dichloroethane	**6.7**		1.0	0.38	ug/L			02/21/13 17:35	1
1,1-Dichloroethene	**0.44**	**J**	1.0	0.29	ug/L			02/21/13 17:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 17:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 17:35	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 17:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 17:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 17:35	1
Acetone	**6.3**	**J**	10	3.0	ug/L			02/21/13 17:35	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 17:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 17:35	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 17:35	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 17:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 17:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 17:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 17:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 17:35	1
Chloroethane	**7.8**		1.0	0.32	ug/L			02/21/13 17:35	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 17:35	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 17:35	1
cis-1,2-Dichloroethene	**20**		1.0	0.81	ug/L			02/21/13 17:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 17:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 17:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 17:35	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 17:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 17:35	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 17:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 17:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 17:35	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 17:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 17:35*	*1*
Toluene-d8 (Surr)	*90*		*71 - 126*		*02/21/13 17:35*	*1*
4-Bromofluorobenzene (Surr)	*79*		*73 - 120*		*02/21/13 17:35*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	**160**		4.0	3.6	ug/L			02/25/13 15:10	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/25/13 15:10*	*4*
Toluene-d8 (Surr)	*107*		*71 - 126*		*02/25/13 15:10*	*4*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*02/25/13 15:10*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: PMW-3S 021913

Lab Sample ID: 480-33208-11

Date Collected: 02/19/13 10:10

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**13**		1.0	0.82	ug/L			02/25/13 15:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 15:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 15:34	1
1,1-Dichloroethane	**37**		1.0	0.38	ug/L			02/25/13 15:34	1
1,1-Dichloroethene	**1.3**		1.0	0.29	ug/L			02/25/13 15:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 15:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 15:34	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 15:34	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/25/13 15:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 15:34	1
Acetone	**9.6**	**J**	10	3.0	ug/L			02/25/13 15:34	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 15:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 15:34	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 15:34	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 15:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 15:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 15:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 15:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 15:34	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 15:34	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 15:34	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 15:34	1
cis-1,2-Dichloroethene	**73**		1.0	0.81	ug/L			02/25/13 15:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 15:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 15:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 15:34	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 15:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 15:34	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 15:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 15:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 15:34	1
Trichloroethene	**45**		1.0	0.46	ug/L			02/25/13 15:34	1
Vinyl chloride	**4.7**		1.0	0.90	ug/L			02/25/13 15:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/25/13 15:34*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*		*02/25/13 15:34*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/25/13 15:34*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: PMW-3D 021913

Lab Sample ID: 480-33208-12

Date Collected: 02/19/13 10:22
Matrix: Water
Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**44**		4.0	3.3	ug/L			02/21/13 18:26	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/21/13 18:26	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/21/13 18:26	4
1,1-Dichloroethane	**28**		4.0	1.5	ug/L			02/21/13 18:26	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			02/21/13 18:26	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/21/13 18:26	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/21/13 18:26	4
2-Hexanone	ND		20	5.0	ug/L			02/21/13 18:26	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/21/13 18:26	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/21/13 18:26	4
Acetone	ND		40	12	ug/L			02/21/13 18:26	4
Benzene	ND		4.0	1.6	ug/L			02/21/13 18:26	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/21/13 18:26	4
Bromoform	ND		4.0	1.0	ug/L			02/21/13 18:26	4
Bromomethane	ND		4.0	2.8	ug/L			02/21/13 18:26	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/21/13 18:26	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/21/13 18:26	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/21/13 18:26	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/21/13 18:26	4
Chloroethane	ND		4.0	1.3	ug/L			02/21/13 18:26	4
Chloroform	ND		4.0	1.4	ug/L			02/21/13 18:26	4
Chloromethane	ND		4.0	1.4	ug/L			02/21/13 18:26	4
cis-1,2-Dichloroethene	**86**		4.0	3.2	ug/L			02/21/13 18:26	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/21/13 18:26	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/21/13 18:26	4
Methylene Chloride	**2.3**	**J**	4.0	1.8	ug/L			02/21/13 18:26	4
Styrene	ND		4.0	2.9	ug/L			02/21/13 18:26	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/21/13 18:26	4
Toluene	ND		4.0	2.0	ug/L			02/21/13 18:26	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			02/21/13 18:26	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/21/13 18:26	4
Trichloroethene	**18**		4.0	1.8	ug/L			02/21/13 18:26	4
Vinyl chloride	**240**		4.0	3.6	ug/L			02/21/13 18:26	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/21/13 18:26	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/21/13 18:26*	*4*
Toluene-d8 (Surr)	*90*		*71 - 126*		*02/21/13 18:26*	*4*
4-Bromofluorobenzene (Surr)	*79*		*73 - 120*		*02/21/13 18:26*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-1P 021913

Lab Sample ID: 480-33208-13

Date Collected: 02/19/13 10:35

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 18:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 18:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 18:51	1
1,1-Dichloroethane	**3.0**		1.0	0.38	ug/L			02/21/13 18:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 18:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 18:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 18:51	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 18:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 18:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 18:51	1
Acetone	**5.3**	**J**	10	3.0	ug/L			02/21/13 18:51	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 18:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 18:51	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 18:51	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 18:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 18:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 18:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 18:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 18:51	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 18:51	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 18:51	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 18:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 18:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 18:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 18:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 18:51	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 18:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 18:51	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 18:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 18:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 18:51	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 18:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 18:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/21/13 18:51*	*1*
Toluene-d8 (Surr)	*90*		*71 - 126*		*02/21/13 18:51*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/21/13 18:51*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-1S 021913

Lab Sample ID: 480-33208-14

Date Collected: 02/19/13 10:39

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			02/25/13 15:58	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			02/25/13 15:58	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			02/25/13 15:58	8
1,1-Dichloroethane	**7.8**	**J**	8.0	3.0	ug/L			02/25/13 15:58	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			02/25/13 15:58	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			02/25/13 15:58	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			02/25/13 15:58	8
2-Hexanone	ND		40	9.9	ug/L			02/25/13 15:58	8
2-Butanone (MEK)	ND	*	80	11	ug/L			02/25/13 15:58	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			02/25/13 15:58	8
Acetone	ND		80	24	ug/L			02/25/13 15:58	8
Benzene	ND		8.0	3.3	ug/L			02/25/13 15:58	8
Bromodichloromethane	ND		8.0	3.1	ug/L			02/25/13 15:58	8
Bromoform	ND		8.0	2.1	ug/L			02/25/13 15:58	8
Bromomethane	ND		8.0	5.5	ug/L			02/25/13 15:58	8
Carbon disulfide	ND		8.0	1.5	ug/L			02/25/13 15:58	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			02/25/13 15:58	8
Chlorobenzene	ND		8.0	6.0	ug/L			02/25/13 15:58	8
Dibromochloromethane	ND		8.0	2.6	ug/L			02/25/13 15:58	8
Chloroethane	ND		8.0	2.6	ug/L			02/25/13 15:58	8
Chloroform	ND		8.0	2.7	ug/L			02/25/13 15:58	8
Chloromethane	ND		8.0	2.8	ug/L			02/25/13 15:58	8
cis-1,2-Dichloroethene	**440**		8.0	6.5	ug/L			02/25/13 15:58	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			02/25/13 15:58	8
Ethylbenzene	ND		8.0	5.9	ug/L			02/25/13 15:58	8
Methylene Chloride	ND		8.0	3.5	ug/L			02/25/13 15:58	8
Styrene	ND		8.0	5.8	ug/L			02/25/13 15:58	8
Tetrachloroethene	ND		8.0	2.9	ug/L			02/25/13 15:58	8
Toluene	ND		8.0	4.1	ug/L			02/25/13 15:58	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			02/25/13 15:58	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			02/25/13 15:58	8
Trichloroethene	ND		8.0	3.7	ug/L			02/25/13 15:58	8
Vinyl chloride	**200**		8.0	7.2	ug/L			02/25/13 15:58	8
Xylenes, Total	ND		16	5.3	ug/L			02/25/13 15:58	8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/25/13 15:58*	*8*
Toluene-d8 (Surr)	*107*		*71 - 126*		*02/25/13 15:58*	*8*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*02/25/13 15:58*	*8*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-1D 021913

Lab Sample ID: 480-33208-15

Date Collected: 02/19/13 10:43

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			02/25/13 16:22	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			02/25/13 16:22	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			02/25/13 16:22	2
1,1-Dichloroethane	**4.0**		2.0	0.76	ug/L			02/25/13 16:22	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			02/25/13 16:22	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			02/25/13 16:22	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			02/25/13 16:22	2
2-Hexanone	ND		10	2.5	ug/L			02/25/13 16:22	2
2-Butanone (MEK)	ND	*	20	2.6	ug/L			02/25/13 16:22	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			02/25/13 16:22	2
Acetone	**8.6**	**J**	20	6.0	ug/L			02/25/13 16:22	2
Benzene	ND		2.0	0.82	ug/L			02/25/13 16:22	2
Bromodichloromethane	ND		2.0	0.78	ug/L			02/25/13 16:22	2
Bromoform	ND		2.0	0.52	ug/L			02/25/13 16:22	2
Bromomethane	ND		2.0	1.4	ug/L			02/25/13 16:22	2
Carbon disulfide	ND		2.0	0.38	ug/L			02/25/13 16:22	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			02/25/13 16:22	2
Chlorobenzene	ND		2.0	1.5	ug/L			02/25/13 16:22	2
Dibromochloromethane	ND		2.0	0.64	ug/L			02/25/13 16:22	2
Chloroethane	ND		2.0	0.64	ug/L			02/25/13 16:22	2
Chloroform	ND		2.0	0.68	ug/L			02/25/13 16:22	2
Chloromethane	ND		2.0	0.70	ug/L			02/25/13 16:22	2
cis-1,2-Dichloroethene	**140**		2.0	1.6	ug/L			02/25/13 16:22	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			02/25/13 16:22	2
Ethylbenzene	ND		2.0	1.5	ug/L			02/25/13 16:22	2
Methylene Chloride	ND		2.0	0.88	ug/L			02/25/13 16:22	2
Styrene	ND		2.0	1.5	ug/L			02/25/13 16:22	2
Tetrachloroethene	ND		2.0	0.72	ug/L			02/25/13 16:22	2
Toluene	ND		2.0	1.0	ug/L			02/25/13 16:22	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			02/25/13 16:22	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			02/25/13 16:22	2
Trichloroethene	ND		2.0	0.92	ug/L			02/25/13 16:22	2
Vinyl chloride	**75**		2.0	1.8	ug/L			02/25/13 16:22	2
Xylenes, Total	ND		4.0	1.3	ug/L			02/25/13 16:22	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*02/25/13 16:22*	*2*
Toluene-d8 (Surr)	*107*		*71 - 126*		*02/25/13 16:22*	*2*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/25/13 16:22*	*2*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-10P 021913

Lab Sample ID: 480-33208-16

Date Collected: 02/19/13 11:08
Matrix: Water
Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**210**		4.0	3.3	ug/L			02/21/13 20:07	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/21/13 20:07	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/21/13 20:07	4
1,1-Dichloroethane	**17**		4.0	1.5	ug/L			02/21/13 20:07	4
1,1-Dichloroethene	**6.1**		4.0	1.2	ug/L			02/21/13 20:07	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/21/13 20:07	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/21/13 20:07	4
2-Hexanone	ND		20	5.0	ug/L			02/21/13 20:07	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/21/13 20:07	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/21/13 20:07	4
Acetone	ND		40	12	ug/L			02/21/13 20:07	4
Benzene	ND		4.0	1.6	ug/L			02/21/13 20:07	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/21/13 20:07	4
Bromoform	ND		4.0	1.0	ug/L			02/21/13 20:07	4
Bromomethane	ND		4.0	2.8	ug/L			02/21/13 20:07	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/21/13 20:07	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/21/13 20:07	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/21/13 20:07	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/21/13 20:07	4
Chloroethane	ND		4.0	1.3	ug/L			02/21/13 20:07	4
Chloroform	ND		4.0	1.4	ug/L			02/21/13 20:07	4
Chloromethane	ND		4.0	1.4	ug/L			02/21/13 20:07	4
cis-1,2-Dichloroethene	**10**		4.0	3.2	ug/L			02/21/13 20:07	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/21/13 20:07	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/21/13 20:07	4
Methylene Chloride	**4.8**		4.0	1.8	ug/L			02/21/13 20:07	4
Styrene	ND		4.0	2.9	ug/L			02/21/13 20:07	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/21/13 20:07	4
Toluene	ND		4.0	2.0	ug/L			02/21/13 20:07	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			02/21/13 20:07	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/21/13 20:07	4
Trichloroethene	**200**		4.0	1.8	ug/L			02/21/13 20:07	4
Vinyl chloride	**5.6**		4.0	3.6	ug/L			02/21/13 20:07	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/21/13 20:07	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*02/21/13 20:07*	*4*
Toluene-d8 (Surr)	*91*		*71 - 126*		*02/21/13 20:07*	*4*
4-Bromofluorobenzene (Surr)	*79*		*73 - 120*		*02/21/13 20:07*	*4*

Client Sample ID: OSMW-10S 021913

Lab Sample ID: 480-33208-17

Date Collected: 02/19/13 11:18

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 20:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 20:32	1
1,1-Dichloroethane	**56**		1.0	0.38	ug/L			02/21/13 20:32	1
1,1-Dichloroethene	**32**		1.0	0.29	ug/L			02/21/13 20:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 20:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 20:32	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 20:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 20:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 20:32	1
Acetone	**4.8**	**J**	10	3.0	ug/L			02/21/13 20:32	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 20:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 20:32	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 20:32	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 20:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 20:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 20:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 20:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 20:32	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 20:32	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 20:32	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 20:32	1
cis-1,2-Dichloroethene	**100**		1.0	0.81	ug/L			02/21/13 20:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 20:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 20:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 20:32	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 20:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 20:32	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 20:32	1
trans-1,2-Dichloroethene	**2.2**		1.0	0.90	ug/L			02/21/13 20:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 20:32	1
Trichloroethene	**29**		1.0	0.46	ug/L			02/21/13 20:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*02/21/13 20:32*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*02/21/13 20:32*	*1*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*02/21/13 20:32*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**140**		4.0	3.3	ug/L			02/25/13 16:46	4
Vinyl chloride	**120**		4.0	3.6	ug/L			02/25/13 16:46	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*02/25/13 16:46*	*4*
Toluene-d8 (Surr)	*106*		*71 - 126*		*02/25/13 16:46*	*4*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*02/25/13 16:46*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-10D 021913

Lab Sample ID: 480-33208-18

Date Collected: 02/19/13 11:32
Matrix: Water
Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 20:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 20:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 20:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 20:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 20:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 20:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 20:58	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 20:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 20:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 20:58	1
Acetone	**5.1**	**J**	10	3.0	ug/L			02/21/13 20:58	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 20:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 20:58	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 20:58	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 20:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 20:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 20:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 20:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 20:58	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 20:58	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 20:58	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 20:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 20:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 20:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 20:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 20:58	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 20:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 20:58	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 20:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 20:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 20:58	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 20:58	1
Vinyl chloride	**3.1**		1.0	0.90	ug/L			02/21/13 20:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*66 - 137*		*02/21/13 20:58*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*02/21/13 20:58*	*1*
4-Bromofluorobenzene (Surr)	*79*		*73 - 120*		*02/21/13 20:58*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-3S 021913

Lab Sample ID: 480-33208-19

Date Collected: 02/19/13 12:56

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 21:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 21:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 21:23	1
1,1-Dichloroethane	**0.58**	**J**	1.0	0.38	ug/L			02/21/13 21:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 21:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 21:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 21:23	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 21:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 21:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 21:23	1
Acetone	**4.9**	**J**	10	3.0	ug/L			02/21/13 21:23	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 21:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 21:23	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 21:23	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 21:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 21:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 21:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 21:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 21:23	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 21:23	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 21:23	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 21:23	1
cis-1,2-Dichloroethene	**1.0**		1.0	0.81	ug/L			02/21/13 21:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 21:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 21:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 21:23	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 21:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 21:23	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 21:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 21:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 21:23	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 21:23	1
Vinyl chloride	**4.5**		1.0	0.90	ug/L			02/21/13 21:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*66 - 137*		*02/21/13 21:23*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*02/21/13 21:23*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*02/21/13 21:23*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-12P 021913

Lab Sample ID: 480-33208-20

Date Collected: 02/19/13 13:00

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**4.4**		1.0	0.82	ug/L			02/21/13 21:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 21:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 21:47	1
1,1-Dichloroethane	**2.6**		1.0	0.38	ug/L			02/21/13 21:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 21:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 21:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 21:47	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 21:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 21:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 21:47	1
Acetone	**5.2**	**J**	10	3.0	ug/L			02/21/13 21:47	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 21:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 21:47	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 21:47	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 21:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 21:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 21:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 21:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 21:47	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 21:47	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 21:47	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 21:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 21:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 21:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 21:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 21:47	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 21:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 21:47	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 21:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 21:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 21:47	1
Trichloroethene	**5.1**		1.0	0.46	ug/L			02/21/13 21:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 21:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/21/13 21:47*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*02/21/13 21:47*	*1*
4-Bromofluorobenzene (Surr)	*77*		*73 - 120*		*02/21/13 21:47*	*1*

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-3D 021913

Lab Sample ID: 480-33208-21

Date Collected: 02/19/13 13:10

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 13:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 13:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 13:59	1
1,1-Dichloroethane	**4.4**		1.0	0.38	ug/L			02/21/13 13:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 13:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 13:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 13:59	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 13:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 13:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 13:59	1
Acetone	**3.8**	**J**	10	3.0	ug/L			02/21/13 13:59	1
Benzene	**1.4**		1.0	0.41	ug/L			02/21/13 13:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 13:59	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 13:59	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 13:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 13:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 13:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 13:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 13:59	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 13:59	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 13:59	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 13:59	1
cis-1,2-Dichloroethene	**3.0**		1.0	0.81	ug/L			02/21/13 13:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 13:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 13:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 13:59	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 13:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 13:59	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 13:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 13:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 13:59	1
Trichloroethene	**2.5**		1.0	0.46	ug/L			02/21/13 13:59	1
Vinyl chloride	**6.7**		1.0	0.90	ug/L			02/21/13 13:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 13:59*	*1*
Toluene-d8 (Surr)	*115*		*71 - 126*		*02/21/13 13:59*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*02/21/13 13:59*	*1*

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-11P 021913

Lab Sample ID: 480-33208-22

Date Collected: 02/19/13 13:15

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 14:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 14:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 14:23	1
1,1-Dichloroethane	**2.0**		1.0	0.38	ug/L			02/21/13 14:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 14:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 14:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 14:23	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 14:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 14:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 14:23	1
Acetone	**3.8**	**J**	10	3.0	ug/L			02/21/13 14:23	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 14:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 14:23	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 14:23	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 14:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 14:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 14:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 14:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 14:23	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 14:23	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 14:23	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 14:23	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.81	ug/L			02/21/13 14:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 14:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 14:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 14:23	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 14:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 14:23	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 14:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 14:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 14:23	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 14:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 14:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 14:23*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/21/13 14:23*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/21/13 14:23*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-11S 021913

Lab Sample ID: 480-33208-23

Date Collected: 02/19/13 13:23
Matrix: Water
Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			02/21/13 14:47	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/21/13 14:47	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/21/13 14:47	4
1,1-Dichloroethane	**30**		4.0	1.5	ug/L			02/21/13 14:47	4
1,1-Dichloroethene	**2.2**	**J**	4.0	1.2	ug/L			02/21/13 14:47	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/21/13 14:47	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/21/13 14:47	4
2-Hexanone	ND		20	5.0	ug/L			02/21/13 14:47	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/21/13 14:47	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/21/13 14:47	4
Acetone	ND		40	12	ug/L			02/21/13 14:47	4
Benzene	ND		4.0	1.6	ug/L			02/21/13 14:47	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/21/13 14:47	4
Bromoform	ND		4.0	1.0	ug/L			02/21/13 14:47	4
Bromomethane	ND		4.0	2.8	ug/L			02/21/13 14:47	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/21/13 14:47	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/21/13 14:47	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/21/13 14:47	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/21/13 14:47	4
Chloroethane	ND		4.0	1.3	ug/L			02/21/13 14:47	4
Chloroform	ND		4.0	1.4	ug/L			02/21/13 14:47	4
Chloromethane	ND		4.0	1.4	ug/L			02/21/13 14:47	4
cis-1,2-Dichloroethene	**250**		4.0	3.2	ug/L			02/21/13 14:47	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/21/13 14:47	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/21/13 14:47	4
Methylene Chloride	ND		4.0	1.8	ug/L			02/21/13 14:47	4
Styrene	ND		4.0	2.9	ug/L			02/21/13 14:47	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/21/13 14:47	4
Toluene	ND		4.0	2.0	ug/L			02/21/13 14:47	4
trans-1,2-Dichloroethene	**5.9**		4.0	3.6	ug/L			02/21/13 14:47	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/21/13 14:47	4
Trichloroethene	**32**		4.0	1.8	ug/L			02/21/13 14:47	4
Vinyl chloride	**4.6**		4.0	3.6	ug/L			02/21/13 14:47	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/21/13 14:47	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 14:47*	*4*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/21/13 14:47*	*4*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/21/13 14:47*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-11D 021913

Lab Sample ID: 480-33208-24

Date Collected: 02/19/13 13:29

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			02/21/13 15:11	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/21/13 15:11	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/21/13 15:11	4
1,1-Dichloroethane	**30**		4.0	1.5	ug/L			02/21/13 15:11	4
1,1-Dichloroethene	**2.6**	**J**	4.0	1.2	ug/L			02/21/13 15:11	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/21/13 15:11	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/21/13 15:11	4
2-Hexanone	ND		20	5.0	ug/L			02/21/13 15:11	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/21/13 15:11	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/21/13 15:11	4
Acetone	ND		40	12	ug/L			02/21/13 15:11	4
Benzene	ND		4.0	1.6	ug/L			02/21/13 15:11	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/21/13 15:11	4
Bromoform	ND		4.0	1.0	ug/L			02/21/13 15:11	4
Bromomethane	ND		4.0	2.8	ug/L			02/21/13 15:11	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/21/13 15:11	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/21/13 15:11	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/21/13 15:11	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/21/13 15:11	4
Chloroethane	ND		4.0	1.3	ug/L			02/21/13 15:11	4
Chloroform	ND		4.0	1.4	ug/L			02/21/13 15:11	4
Chloromethane	ND		4.0	1.4	ug/L			02/21/13 15:11	4
cis-1,2-Dichloroethene	**250**		4.0	3.2	ug/L			02/21/13 15:11	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/21/13 15:11	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/21/13 15:11	4
Methylene Chloride	ND		4.0	1.8	ug/L			02/21/13 15:11	4
Styrene	ND		4.0	2.9	ug/L			02/21/13 15:11	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/21/13 15:11	4
Toluene	ND		4.0	2.0	ug/L			02/21/13 15:11	4
trans-1,2-Dichloroethene	**5.8**		4.0	3.6	ug/L			02/21/13 15:11	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/21/13 15:11	4
Trichloroethene	**32**		4.0	1.8	ug/L			02/21/13 15:11	4
Vinyl chloride	**5.5**		4.0	3.6	ug/L			02/21/13 15:11	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/21/13 15:11	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*02/21/13 15:11*	*4*
Toluene-d8 (Surr)	*112*		*71 - 126*		*02/21/13 15:11*	*4*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*02/21/13 15:11*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: TMW-1P 021913

Lab Sample ID: 480-33208-25

Date Collected: 02/19/13 13:30

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**230**		10	8.2	ug/L			02/21/13 15:34	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			02/21/13 15:34	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			02/21/13 15:34	10
1,1-Dichloroethane	**97**		10	3.8	ug/L			02/21/13 15:34	10
1,1-Dichloroethene	**14**		10	2.9	ug/L			02/21/13 15:34	10
1,2-Dichloroethane	ND		10	2.1	ug/L			02/21/13 15:34	10
1,2-Dichloropropane	ND		10	7.2	ug/L			02/21/13 15:34	10
2-Hexanone	ND		50	12	ug/L			02/21/13 15:34	10
2-Butanone (MEK)	ND		100	13	ug/L			02/21/13 15:34	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			02/21/13 15:34	10
Acetone	ND		100	30	ug/L			02/21/13 15:34	10
Benzene	ND		10	4.1	ug/L			02/21/13 15:34	10
Bromodichloromethane	ND		10	3.9	ug/L			02/21/13 15:34	10
Bromoform	ND		10	2.6	ug/L			02/21/13 15:34	10
Bromomethane	ND		10	6.9	ug/L			02/21/13 15:34	10
Carbon disulfide	ND		10	1.9	ug/L			02/21/13 15:34	10
Carbon tetrachloride	ND		10	2.7	ug/L			02/21/13 15:34	10
Chlorobenzene	ND		10	7.5	ug/L			02/21/13 15:34	10
Dibromochloromethane	ND		10	3.2	ug/L			02/21/13 15:34	10
Chloroethane	ND		10	3.2	ug/L			02/21/13 15:34	10
Chloroform	ND		10	3.4	ug/L			02/21/13 15:34	10
Chloromethane	ND		10	3.5	ug/L			02/21/13 15:34	10
cis-1,2-Dichloroethene	**54**		10	8.1	ug/L			02/21/13 15:34	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			02/21/13 15:34	10
Ethylbenzene	ND		10	7.4	ug/L			02/21/13 15:34	10
Methylene Chloride	ND		10	4.4	ug/L			02/21/13 15:34	10
Styrene	ND		10	7.3	ug/L			02/21/13 15:34	10
Tetrachloroethene	ND		10	3.6	ug/L			02/21/13 15:34	10
Toluene	ND		10	5.1	ug/L			02/21/13 15:34	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			02/21/13 15:34	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			02/21/13 15:34	10
Trichloroethene	**410**		10	4.6	ug/L			02/21/13 15:34	10
Vinyl chloride	**70**		10	9.0	ug/L			02/21/13 15:34	10
Xylenes, Total	ND		20	6.6	ug/L			02/21/13 15:34	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 15:34*	*10*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/21/13 15:34*	*10*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*02/21/13 15:34*	*10*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: TMW-1S 021913

Lab Sample ID: 480-33208-26

Date Collected: 02/19/13 13:40

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 15:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 15:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 15:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 15:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 15:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 15:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 15:58	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 15:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 15:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 15:58	1
Acetone	**5.0**	**J**	10	3.0	ug/L			02/21/13 15:58	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 15:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 15:58	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 15:58	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 15:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 15:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 15:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 15:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 15:58	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 15:58	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 15:58	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 15:58	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.81	ug/L			02/21/13 15:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 15:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 15:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 15:58	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 15:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 15:58	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 15:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 15:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 15:58	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 15:58	1
Vinyl chloride	**9.1**		1.0	0.90	ug/L			02/21/13 15:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*02/21/13 15:58*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/21/13 15:58*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/21/13 15:58*	*1*

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-13P 021913

Lab Sample ID: 480-33208-27

Date Collected: 02/19/13 13:41

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 16:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 16:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 16:22	1
1,1-Dichloroethane	**3.9**		1.0	0.38	ug/L			02/21/13 16:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 16:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 16:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 16:22	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 16:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 16:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 16:22	1
Acetone	**5.8**	**J**	10	3.0	ug/L			02/21/13 16:22	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 16:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 16:22	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 16:22	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 16:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 16:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 16:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 16:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 16:22	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 16:22	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 16:22	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 16:22	1
cis-1,2-Dichloroethene	**1.7**		1.0	0.81	ug/L			02/21/13 16:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 16:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 16:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 16:22	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 16:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 16:22	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 16:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 16:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 16:22	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 16:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 16:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 16:22*	*1*
Toluene-d8 (Surr)	*113*		*71 - 126*		*02/21/13 16:22*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/21/13 16:22*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: TMW-1D 021913

Lab Sample ID: 480-33208-28

Date Collected: 02/19/13 13:54

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 16:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 16:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 16:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 16:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 16:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 16:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 16:46	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 16:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 16:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 16:46	1
Acetone	ND		10	3.0	ug/L			02/21/13 16:46	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 16:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 16:46	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 16:46	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 16:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 16:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 16:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 16:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 16:46	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 16:46	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 16:46	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 16:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 16:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 16:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 16:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 16:46	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 16:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 16:46	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 16:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 16:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 16:46	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 16:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 16:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*02/21/13 16:46*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/21/13 16:46*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/21/13 16:46*	*1*

Client Sample ID: AF-11S 021913

Lab Sample ID: 480-33208-29

Date Collected: 02/19/13 14:19

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 17:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 17:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 17:10	1
1,1-Dichloroethane	**1.0**		1.0	0.38	ug/L			02/21/13 17:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 17:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 17:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 17:10	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 17:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 17:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 17:10	1
Acetone	**5.2**	**J**	10	3.0	ug/L			02/21/13 17:10	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 17:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 17:10	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 17:10	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 17:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 17:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 17:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 17:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 17:10	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 17:10	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 17:10	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 17:10	1
cis-1,2-Dichloroethene	**11**		1.0	0.81	ug/L			02/21/13 17:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 17:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 17:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 17:10	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 17:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 17:10	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 17:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 17:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 17:10	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 17:10	1
Vinyl chloride	**32**		1.0	0.90	ug/L			02/21/13 17:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*02/21/13 17:10*	*1*
Toluene-d8 (Surr)	*115*		*71 - 126*		*02/21/13 17:10*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*02/21/13 17:10*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: AF-11D 021913

Lab Sample ID: 480-33208-30

Date Collected: 02/19/13 14:31

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 17:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 17:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 17:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 17:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 17:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 17:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 17:34	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 17:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 17:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 17:34	1
Acetone	**5.4**	**J**	10	3.0	ug/L			02/21/13 17:34	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 17:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 17:34	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 17:34	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 17:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 17:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 17:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 17:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 17:34	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 17:34	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 17:34	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 17:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 17:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 17:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 17:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 17:34	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 17:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 17:34	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 17:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 17:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 17:34	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 17:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 17:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*02/21/13 17:34*	*1*
Toluene-d8 (Surr)	*113*		*71 - 126*		*02/21/13 17:34*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/21/13 17:34*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: ADW-101 021913

Lab Sample ID: 480-33208-31

Date Collected: 02/19/13 00:00

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 18:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 18:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 18:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 18:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 18:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 18:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 18:45	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 18:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 18:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 18:45	1
Acetone	**6.4**	**J**	10	3.0	ug/L			02/21/13 18:45	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 18:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 18:45	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 18:45	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 18:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 18:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 18:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 18:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 18:45	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 18:45	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 18:45	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 18:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 18:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 18:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 18:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 18:45	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 18:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 18:45	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 18:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 18:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 18:45	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 18:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 18:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*02/21/13 18:45*	*1*
Toluene-d8 (Surr)	*115*		*71 - 126*		*02/21/13 18:45*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*02/21/13 18:45*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-33208-1	Trip Blank 021913	111	93	84
480-33208-2	OSMW-4S 021913	107	89	81
480-33208-3	AF-7P 021913	109	108	105
480-33208-4	OSMW-4D 021913	106	90	81
480-33208-5	AF-7S 021913	110	94	83
480-33208-6	AF-7D 021913	110	89	81
480-33208-6 MS	AF-7D 021913	98	95	86
480-33208-6 MSD	AF-7D 021913	100	97	89
480-33208-7	ADW-100 021913	110	105	104
480-33208-8	OSMW-9D 021913	107	92	80
480-33208-9	PMW-3P 021913	105	90	80
480-33208-10	OSMW-6D 021913	107	90	79
480-33208-10 - DL	OSMW-6D 021913	107	107	108
480-33208-11	PMW-3S 021913	107	107	107
480-33208-12	PMW-3D 021913	110	90	79
480-33208-13	OSMW-1P 021913	110	90	81
480-33208-14	OSMW-1S 021913	110	107	109
480-33208-15	OSMW-1D 021913	103	107	107
480-33208-16	OSMW-10P 021913	112	91	79
480-33208-17	OSMW-10S 021913	115	97	86
480-33208-17 - DL	OSMW-10S 021913	109	106	109
480-33208-18	OSMW-10D 021913	114	89	79
480-33208-19	OSMW-3S 021913	118	94	83
480-33208-20	OSMW-12P 021913	110	89	77
480-33208-21	OSMW-3D 021913	107	115	108
480-33208-22	OSMW-11P 021913	107	114	107
480-33208-23	OSMW-11S 021913	107	114	107
480-33208-24	OSMW-11D 021913	105	112	106
480-33208-25	TMW-1P 021913	107	114	106
480-33208-26	TMW-1S 021913	106	114	107
480-33208-27	OSMW-13P 021913	107	113	105
480-33208-28	TMW-1D 021913	108	114	107
480-33208-29	AF-11S 021913	108	115	108
480-33208-30	AF-11D 021913	104	113	107
480-33208-30 MS	AF-11D 021913	105	113	107
480-33208-30 MSD	AF-11D 021913	104	114	107
480-33208-31	ADW-101 021913	106	115	108
LCS 480-104354/4	Lab Control Sample	97	95	87
LCS 480-104359/4	Lab Control Sample	104	111	107
LCS 480-104703/4	Lab Control Sample	110	106	109
MB 480-104354/5	Method Blank	106	92	83
MB 480-104359/5	Method Blank	104	112	105
MB 480-104703/7	Method Blank	107	105	105

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-104354/5
Matrix: Water
Analysis Batch: 104354

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 12:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 12:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 12:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 12:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 12:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 12:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 12:11	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 12:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 12:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 12:11	1
Acetone	ND		10	3.0	ug/L			02/21/13 12:11	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 12:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 12:11	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 12:11	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 12:11	1
Carbon disulfide	0.266	J	1.0	0.19	ug/L			02/21/13 12:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 12:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 12:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 12:11	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 12:11	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 12:11	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 12:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 12:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 12:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 12:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 12:11	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 12:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 12:11	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 12:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 12:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 12:11	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 12:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 12:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 12:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*02/21/13 12:11*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*02/21/13 12:11*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*02/21/13 12:11*	*1*

Lab Sample ID: LCS 480-104354/4
Matrix: Water
Analysis Batch: 104354

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.0		ug/L		92	70 - 126
1,1,2-Trichloroethane	25.0	23.2		ug/L		93	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104354/4
Matrix: Water
Analysis Batch: 104354

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	24.4		ug/L		97	71 - 129
1,1-Dichloroethene	25.0	22.1		ug/L		88	58 - 121
1,2-Dichloroethane	25.0	24.4		ug/L		97	75 - 127
1,2-Dichloropropane	25.0	24.2		ug/L		97	76 - 120
2-Hexanone	125	125		ug/L		100	65 - 127
2-Butanone (MEK)	125	135		ug/L		108	57 - 140
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125
Acetone	125	142		ug/L		114	56 - 142
Benzene	25.0	23.8		ug/L		95	71 - 124
Bromodichloromethane	25.0	24.1		ug/L		96	80 - 122
Bromoform	25.0	24.3		ug/L		97	66 - 128
Bromomethane	25.0	28.0		ug/L		112	55 - 144
Carbon disulfide	25.0	22.9		ug/L		91	59 - 134
Carbon tetrachloride	25.0	24.5		ug/L		98	72 - 134
Chlorobenzene	25.0	21.9		ug/L		88	72 - 120
Dibromochloromethane	25.0	23.2		ug/L		93	75 - 125
Chloroethane	25.0	26.9		ug/L		108	69 - 136
Chloroform	25.0	24.1		ug/L		96	73 - 127
Chloromethane	25.0	20.2		ug/L		81	68 - 124
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	74 - 124
Ethylbenzene	25.0	22.2		ug/L		89	77 - 123
Methylene Chloride	25.0	24.7		ug/L		99	57 - 132
Styrene	25.0	22.1		ug/L		88	70 - 130
Tetrachloroethene	25.0	21.8		ug/L		87	74 - 122
Toluene	25.0	22.2		ug/L		89	80 - 122
trans-1,2-Dichloroethene	25.0	23.2		ug/L		93	73 - 127
trans-1,3-Dichloropropene	25.0	22.6		ug/L		90	72 - 123
Trichloroethene	25.0	22.2		ug/L		89	74 - 123
Vinyl chloride	25.0	23.4		ug/L		94	65 - 133
Xylenes, Total	75.0	66.7		ug/L		89	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
Toluene-d8 (Surr)	*95*		*71 - 126*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*

Lab Sample ID: 480-33208-6 MS
Matrix: Water
Analysis Batch: 104354

Client Sample ID: AF-7D 021913
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	28.6		ug/L		114	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	26.3		ug/L		105	70 - 126
1,1,2-Trichloroethane	ND		25.0	25.3		ug/L		101	76 - 122
1,1-Dichloroethane	ND		25.0	28.7		ug/L		115	71 - 129
1,1-Dichloroethene	ND		25.0	27.4		ug/L		110	58 - 121
1,2-Dichloroethane	ND		25.0	27.8		ug/L		111	75 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33208-6 MS
Matrix: Water
Analysis Batch: 104354

Client Sample ID: AF-7D 021913
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	ND		25.0	27.5		ug/L		110	76 - 120
2-Hexanone	ND		125	141		ug/L		113	65 - 127
2-Butanone (MEK)	ND		125	148		ug/L		119	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	138		ug/L		110	71 - 125
Acetone	ND		125	158		ug/L		126	56 - 142
Benzene	ND		25.0	27.1		ug/L		108	71 - 124
Bromodichloromethane	ND		25.0	27.5		ug/L		110	80 - 122
Bromoform	ND		25.0	26.8		ug/L		107	66 - 128
Bromomethane	ND		25.0	34.0		ug/L		136	55 - 144
Carbon disulfide	ND		25.0	24.5		ug/L		98	59 - 134
Carbon tetrachloride	ND		25.0	28.2		ug/L		113	72 - 134
Chlorobenzene	ND		25.0	24.7		ug/L		99	72 - 120
Dibromochloromethane	ND		25.0	25.8		ug/L		103	75 - 125
Chloroethane	ND		25.0	32.3		ug/L		129	69 - 136
Chloroform	ND		25.0	27.8		ug/L		111	73 - 127
Chloromethane	ND		25.0	32.9	F	ug/L		131	68 - 124
cis-1,2-Dichloroethene	ND		25.0	26.5		ug/L		106	74 - 124
cis-1,3-Dichloropropene	ND		25.0	27.1		ug/L		108	74 - 124
Ethylbenzene	ND		25.0	25.2		ug/L		101	77 - 123
Methylene Chloride	ND		25.0	28.1		ug/L		112	57 - 132
Styrene	ND		25.0	25.5		ug/L		102	70 - 130
Tetrachloroethene	ND		25.0	25.5		ug/L		102	74 - 122
Toluene	ND		25.0	25.2		ug/L		101	80 - 122
trans-1,2-Dichloroethene	ND		25.0	27.0		ug/L		108	73 - 127
trans-1,3-Dichloropropene	ND		25.0	23.7		ug/L		95	72 - 123
Trichloroethene	ND		25.0	25.7		ug/L		103	74 - 123
Vinyl chloride	ND		25.0	35.1	F	ug/L		140	65 - 133
Xylenes, Total	ND		75.0	76.0		ug/L		101	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*
Toluene-d8 (Surr)	*95*		*71 - 126*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*

Lab Sample ID: 480-33208-6 MSD
Matrix: Water
Analysis Batch: 104354

Client Sample ID: AF-7D 021913
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	29.4		ug/L		118	73 - 126	3	15
1,1,2,2-Tetrachloroethane	ND		25.0	27.2		ug/L		109	70 - 126	3	15
1,1,2-Trichloroethane	ND		25.0	26.3		ug/L		105	76 - 122	4	15
1,1-Dichloroethane	ND		25.0	29.2		ug/L		117	71 - 129	2	20
1,1-Dichloroethene	ND		25.0	28.2		ug/L		113	58 - 121	3	16
1,2-Dichloroethane	ND		25.0	28.6		ug/L		114	75 - 127	3	20
1,2-Dichloropropane	ND		25.0	28.2		ug/L		113	76 - 120	2	20
2-Hexanone	ND		125	145		ug/L		116	65 - 127	2	15
2-Butanone (MEK)	ND		125	157		ug/L		125	57 - 140	5	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33208-6 MSD
Matrix: Water
Analysis Batch: 104354

Client Sample ID: AF-7D 021913
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	ND		125	143		ug/L		114	71 - 125	3	35
Acetone	ND		125	161		ug/L		129	56 - 142	2	15
Benzene	ND		25.0	27.8		ug/L		111	71 - 124	3	13
Bromodichloromethane	ND		25.0	28.4		ug/L		113	80 - 122	3	15
Bromoform	ND		25.0	27.8		ug/L		111	66 - 128	4	15
Bromomethane	ND		25.0	36.0		ug/L		144	55 - 144	6	15
Carbon disulfide	ND		25.0	25.8		ug/L		103	59 - 134	5	15
Carbon tetrachloride	ND		25.0	29.4		ug/L		117	72 - 134	4	15
Chlorobenzene	ND		25.0	25.2		ug/L		101	72 - 120	2	25
Dibromochloromethane	ND		25.0	27.2		ug/L		109	75 - 125	5	15
Chloroethane	ND		25.0	32.8		ug/L		131	69 - 136	2	15
Chloroform	ND		25.0	28.1		ug/L		113	73 - 127	1	20
Chloromethane	ND		25.0	33.7	F	ug/L		135	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	27.2		ug/L		109	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	27.6		ug/L		110	74 - 124	2	15
Ethylbenzene	ND		25.0	26.2		ug/L		105	77 - 123	4	15
Methylene Chloride	ND		25.0	28.8		ug/L		115	57 - 132	2	15
Styrene	ND		25.0	26.7		ug/L		107	70 - 130	5	20
Tetrachloroethene	ND		25.0	26.1		ug/L		104	74 - 122	2	20
Toluene	ND		25.0	26.3		ug/L		105	80 - 122	4	15
trans-1,2-Dichloroethene	ND		25.0	27.7		ug/L		111	73 - 127	3	20
trans-1,3-Dichloropropene	ND		25.0	25.0		ug/L		100	72 - 123	5	15
Trichloroethene	ND		25.0	26.7		ug/L		107	74 - 123	4	16
Vinyl chloride	ND		25.0	36.0	F	ug/L		144	65 - 133	3	15
Xylenes, Total	ND		75.0	78.9		ug/L		105	76 - 122	4	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*
Toluene-d8 (Surr)	*97*		*71 - 126*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*

Lab Sample ID: MB 480-104359/5
Matrix: Water
Analysis Batch: 104359

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 12:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 12:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 12:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 12:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 12:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 12:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 12:38	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 12:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 12:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 12:38	1
Acetone	ND		10	3.0	ug/L			02/21/13 12:38	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 12:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-104359/5
Matrix: Water
Analysis Batch: 104359

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 12:38	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 12:38	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 12:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 12:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 12:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 12:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 12:38	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 12:38	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 12:38	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 12:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 12:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 12:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 12:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 12:38	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 12:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 12:38	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 12:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 12:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 12:38	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 12:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 12:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 12:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*02/21/13 12:38*	*1*
Toluene-d8 (Surr)	*112*		*71 - 126*		*02/21/13 12:38*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/21/13 12:38*	*1*

Lab Sample ID: LCS 480-104359/4
Matrix: Water
Analysis Batch: 104359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.9		ug/L		100	70 - 126
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	76 - 122
1,1-Dichloroethane	25.0	23.6		ug/L		95	71 - 129
1,1-Dichloroethene	25.0	25.3		ug/L		101	58 - 121
1,2-Dichloroethane	25.0	25.1		ug/L		100	75 - 127
1,2-Dichloropropane	25.0	24.1		ug/L		96	76 - 120
2-Hexanone	125	134		ug/L		108	65 - 127
2-Butanone (MEK)	125	135		ug/L		108	57 - 140
4-Methyl-2-pentanone (MIBK)	125	136		ug/L		109	71 - 125
Acetone	125	136		ug/L		109	56 - 142
Benzene	25.0	24.8		ug/L		99	71 - 124
Bromodichloromethane	25.0	23.0		ug/L		92	80 - 122
Bromoform	25.0	21.3		ug/L		85	66 - 128
Bromomethane	25.0	24.2		ug/L		97	55 - 144

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104359/4
Matrix: Water
Analysis Batch: 104359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	25.0	25.4		ug/L		101	59 - 134
Carbon tetrachloride	25.0	22.7		ug/L		91	72 - 134
Chlorobenzene	25.0	26.3		ug/L		105	72 - 120
Dibromochloromethane	25.0	23.5		ug/L		94	75 - 125
Chloroethane	25.0	25.0		ug/L		100	69 - 136
Chloroform	25.0	23.7		ug/L		95	73 - 127
Chloromethane	25.0	22.2		ug/L		89	68 - 124
cis-1,2-Dichloroethene	25.0	24.4		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	74 - 124
Ethylbenzene	25.0	26.0		ug/L		104	77 - 123
Methylene Chloride	25.0	24.6		ug/L		98	57 - 132
Styrene	25.0	26.1		ug/L		104	70 - 130
Tetrachloroethene	25.0	25.6		ug/L		102	74 - 122
Toluene	25.0	26.1		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	24.8		ug/L		99	72 - 123
Trichloroethene	25.0	24.6		ug/L		99	74 - 123
Vinyl chloride	25.0	23.5		ug/L		94	65 - 133
Xylenes, Total	75.0	76.9		ug/L		103	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*
Toluene-d8 (Surr)	*111*		*71 - 126*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*

Lab Sample ID: 480-33208-30 MS
Matrix: Water
Analysis Batch: 104359

Client Sample ID: AF-11D 021913
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	28.7		ug/L		115	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	26.5		ug/L		106	70 - 126
1,1,2-Trichloroethane	ND		25.0	28.3		ug/L		113	76 - 122
1,1-Dichloroethane	ND		25.0	28.0		ug/L		112	71 - 129
1,1-Dichloroethene	ND		25.0	31.1	F	ug/L		125	58 - 121
1,2-Dichloroethane	ND		25.0	28.1		ug/L		112	75 - 127
1,2-Dichloropropane	ND		25.0	27.8		ug/L		111	76 - 120
2-Hexanone	ND		125	132		ug/L		106	65 - 127
2-Butanone (MEK)	ND		125	132		ug/L		105	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	135		ug/L		108	71 - 125
Acetone	5.4	J	125	134		ug/L		103	56 - 142
Benzene	ND		25.0	29.1		ug/L		116	71 - 124
Bromodichloromethane	ND		25.0	25.1		ug/L		100	80 - 122
Bromoform	ND		25.0	19.9		ug/L		80	66 - 128
Bromomethane	ND		25.0	26.3		ug/L		105	55 - 144
Carbon disulfide	ND		25.0	25.4		ug/L		101	59 - 134
Carbon tetrachloride	ND		25.0	26.4		ug/L		106	72 - 134
Chlorobenzene	ND		25.0	29.6		ug/L		119	72 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33208-30 MS — **Client Sample ID: AF-11D 021913**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 104359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromochloromethane	ND		25.0	23.9		ug/L		96	75 - 125
Chloroethane	ND		25.0	32.8		ug/L		131	69 - 136
Chloroform	ND		25.0	27.5		ug/L		110	73 - 127
Chloromethane	ND		25.0	27.0		ug/L		108	68 - 124
cis-1,2-Dichloroethene	ND		25.0	29.0		ug/L		116	74 - 124
cis-1,3-Dichloropropene	ND		25.0	25.3		ug/L		101	74 - 124
Ethylbenzene	ND		25.0	30.2		ug/L		121	77 - 123
Methylene Chloride	ND		25.0	27.9		ug/L		112	57 - 132
Styrene	ND		25.0	29.6		ug/L		119	70 - 130
Tetrachloroethene	ND		25.0	30.3		ug/L		121	74 - 122
Toluene	ND		25.0	30.4		ug/L		122	80 - 122
trans-1,2-Dichloroethene	ND		25.0	28.9		ug/L		115	73 - 127
trans-1,3-Dichloropropene	ND		25.0	24.8		ug/L		99	72 - 123
Trichloroethene	ND		25.0	29.2		ug/L		117	74 - 123
Vinyl chloride	ND		25.0	29.6		ug/L		118	65 - 133
Xylenes, Total	ND		75.0	88.9		ug/L		119	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*
Toluene-d8 (Surr)	*113*		*71 - 126*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*

Lab Sample ID: 480-33208-30 MSD — **Client Sample ID: AF-11D 021913**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 104359

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	28.3		ug/L		113	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.8		ug/L		107	70 - 126	1	15
1,1,2-Trichloroethane	ND		25.0	27.9		ug/L		112	76 - 122	1	15
1,1-Dichloroethane	ND		25.0	27.7		ug/L		111	71 - 129	1	20
1,1-Dichloroethene	ND		25.0	30.6	F	ug/L		122	58 - 121	2	16
1,2-Dichloroethane	ND		25.0	27.8		ug/L		111	75 - 127	1	20
1,2-Dichloropropane	ND		25.0	27.3		ug/L		109	76 - 120	2	20
2-Hexanone	ND		125	133		ug/L		106	65 - 127	1	15
2-Butanone (MEK)	ND		125	131		ug/L		105	57 - 140	0	20
4-Methyl-2-pentanone (MIBK)	ND		125	136		ug/L		109	71 - 125	1	35
Acetone	5.4	J	125	129		ug/L		99	56 - 142	4	15
Benzene	ND		25.0	28.7		ug/L		115	71 - 124	1	13
Bromodichloromethane	ND		25.0	25.1		ug/L		101	80 - 122	0	15
Bromoform	ND		25.0	20.9		ug/L		83	66 - 128	5	15
Bromomethane	ND		25.0	25.3		ug/L		101	55 - 144	4	15
Carbon disulfide	ND		25.0	25.3		ug/L		101	59 - 134	0	15
Carbon tetrachloride	ND		25.0	26.5		ug/L		106	72 - 134	0	15
Chlorobenzene	ND		25.0	29.5		ug/L		118	72 - 120	1	25
Dibromochloromethane	ND		25.0	24.2		ug/L		97	75 - 125	1	15
Chloroethane	ND		25.0	31.0		ug/L		124	69 - 136	5	15
Chloroform	ND		25.0	27.1		ug/L		109	73 - 127	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33208-30 MSD
Matrix: Water
Analysis Batch: 104359

Client Sample ID: AF-11D 021913
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	ND		25.0	26.4		ug/L		105	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	28.2		ug/L		113	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	25.1		ug/L		100	74 - 124	1	15
Ethylbenzene	ND		25.0	30.0		ug/L		120	77 - 123	1	15
Methylene Chloride	ND		25.0	27.7		ug/L		111	57 - 132	1	15
Styrene	ND		25.0	29.4		ug/L		118	70 - 130	1	20
Tetrachloroethene	ND		25.0	29.8		ug/L		119	74 - 122	2	20
Toluene	ND		25.0	30.1		ug/L		120	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	28.7		ug/L		115	73 - 127	1	20
trans-1,3-Dichloropropene	ND		25.0	25.0		ug/L		100	72 - 123	1	15
Trichloroethene	ND		25.0	28.8		ug/L		115	74 - 123	1	16
Vinyl chloride	ND		25.0	29.3		ug/L		117	65 - 133	1	15
Xylenes, Total	ND		75.0	88.7		ug/L		118	76 - 122	0	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*
Toluene-d8 (Surr)	*114*		*71 - 126*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*

Lab Sample ID: MB 480-104703/7
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 13:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 13:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 13:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 13:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 13:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 13:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 13:00	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 13:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 13:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 13:00	1
Acetone	ND		10	3.0	ug/L			02/25/13 13:00	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 13:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 13:00	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 13:00	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 13:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 13:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 13:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 13:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 13:00	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 13:00	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 13:00	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 13:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 13:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 13:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-104703/7
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 13:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 13:00	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 13:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 13:00	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 13:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 13:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 13:00	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 13:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 13:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 13:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/25/13 13:00*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*02/25/13 13:00*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/25/13 13:00*	*1*

Lab Sample ID: LCS 480-104703/4
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.1		ug/L		100	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.9		ug/L		100	70 - 126
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	25.5		ug/L		102	71 - 129
1,1-Dichloroethene	25.0	26.7		ug/L		107	58 - 121
1,2-Dichloroethane	25.0	26.2		ug/L		105	75 - 127
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
2-Hexanone	125	139		ug/L		111	65 - 127
2-Butanone (MEK)	125	190	*	ug/L		152	57 - 140
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		110	71 - 125
Acetone	125	157		ug/L		125	56 - 142
Benzene	25.0	25.6		ug/L		102	71 - 124
Bromodichloromethane	25.0	26.2		ug/L		105	80 - 122
Bromoform	25.0	27.9		ug/L		112	66 - 128
Bromomethane	25.0	21.9		ug/L		88	55 - 144
Carbon disulfide	25.0	23.0		ug/L		92	59 - 134
Carbon tetrachloride	25.0	25.5		ug/L		102	72 - 134
Chlorobenzene	25.0	24.9		ug/L		100	72 - 120
Dibromochloromethane	25.0	26.7		ug/L		107	75 - 125
Chloroethane	25.0	22.7		ug/L		91	69 - 136
Chloroform	25.0	25.7		ug/L		103	73 - 127
Chloromethane	25.0	26.8		ug/L		107	68 - 124
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	26.4		ug/L		106	74 - 124
Ethylbenzene	25.0	24.7		ug/L		99	77 - 123
Methylene Chloride	25.0	24.5		ug/L		98	57 - 132
Styrene	25.0	25.4		ug/L		102	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104703/4
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	27.3		ug/L		109	74 - 122
Toluene	25.0	25.3		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	26.7		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	25.3		ug/L		101	72 - 123
Trichloroethene	25.0	26.6		ug/L		106	74 - 123
Vinyl chloride	25.0	24.1		ug/L		97	65 - 133
Xylenes, Total	75.0	76.7		ug/L		102	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*
Toluene-d8 (Surr)	*106*		*71 - 126*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

GC/MS VOA

Analysis Batch: 104354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33208-1	Trip Blank 021913	Total/NA	Water	8260B	
480-33208-2	OSMW-4S 021913	Total/NA	Water	8260B	
480-33208-4	OSMW-4D 021913	Total/NA	Water	8260B	
480-33208-5	AF-7S 021913	Total/NA	Water	8260B	
480-33208-6	AF-7D 021913	Total/NA	Water	8260B	
480-33208-6 MS	AF-7D 021913	Total/NA	Water	8260B	
480-33208-6 MSD	AF-7D 021913	Total/NA	Water	8260B	
480-33208-8	OSMW-9D 021913	Total/NA	Water	8260B	
480-33208-9	PMW-3P 021913	Total/NA	Water	8260B	
480-33208-10	OSMW-6D 021913	Total/NA	Water	8260B	
480-33208-12	PMW-3D 021913	Total/NA	Water	8260B	
480-33208-13	OSMW-1P 021913	Total/NA	Water	8260B	
480-33208-16	OSMW-10P 021913	Total/NA	Water	8260B	
480-33208-17	OSMW-10S 021913	Total/NA	Water	8260B	
480-33208-18	OSMW-10D 021913	Total/NA	Water	8260B	
480-33208-19	OSMW-3S 021913	Total/NA	Water	8260B	
480-33208-20	OSMW-12P 021913	Total/NA	Water	8260B	
LCS 480-104354/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104354/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 104359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33208-21	OSMW-3D 021913	Total/NA	Water	8260B	
480-33208-22	OSMW-11P 021913	Total/NA	Water	8260B	
480-33208-23	OSMW-11S 021913	Total/NA	Water	8260B	
480-33208-24	OSMW-11D 021913	Total/NA	Water	8260B	
480-33208-25	TMW-1P 021913	Total/NA	Water	8260B	
480-33208-26	TMW-1S 021913	Total/NA	Water	8260B	
480-33208-27	OSMW-13P 021913	Total/NA	Water	8260B	
480-33208-28	TMW-1D 021913	Total/NA	Water	8260B	
480-33208-29	AF-11S 021913	Total/NA	Water	8260B	
480-33208-30	AF-11D 021913	Total/NA	Water	8260B	
480-33208-30 MS	AF-11D 021913	Total/NA	Water	8260B	
480-33208-30 MSD	AF-11D 021913	Total/NA	Water	8260B	
480-33208-31	ADW-101 021913	Total/NA	Water	8260B	
LCS 480-104359/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104359/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 104703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33208-3	AF-7P 021913	Total/NA	Water	8260B	
480-33208-7	ADW-100 021913	Total/NA	Water	8260B	
480-33208-10 - DL	OSMW-6D 021913	Total/NA	Water	8260B	
480-33208-11	PMW-3S 021913	Total/NA	Water	8260B	
480-33208-14	OSMW-1S 021913	Total/NA	Water	8260B	
480-33208-15	OSMW-1D 021913	Total/NA	Water	8260B	
480-33208-17 - DL	OSMW-10S 021913	Total/NA	Water	8260B	
LCS 480-104703/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104703/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: Trip Blank 021913 — Lab Sample ID: 480-33208-1

Date Collected: 02/19/13 00:00 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 12:58	LH	TAL BUF

Client Sample ID: OSMW-4S 021913 — Lab Sample ID: 480-33208-2

Date Collected: 02/19/13 08:53 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 13:24	LH	TAL BUF

Client Sample ID: AF-7P 021913 — Lab Sample ID: 480-33208-3

Date Collected: 02/19/13 08:54 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	104703	02/25/13 14:23	LH	TAL BUF

Client Sample ID: OSMW-4D 021913 — Lab Sample ID: 480-33208-4

Date Collected: 02/19/13 08:57 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 14:14	LH	TAL BUF

Client Sample ID: AF-7S 021913 — Lab Sample ID: 480-33208-5

Date Collected: 02/19/13 09:12 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	104354	02/21/13 14:39	LH	TAL BUF

Client Sample ID: AF-7D 021913 — Lab Sample ID: 480-33208-6

Date Collected: 02/19/13 09:22 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 15:04	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: ADW-100 021913 — Lab Sample ID: 480-33208-7

Date Collected: 02/19/13 00:00 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104703	02/25/13 14:46	LH	TAL BUF

Client Sample ID: OSMW-9D 021913 — Lab Sample ID: 480-33208-8

Date Collected: 02/19/13 09:47 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 16:45	LH	TAL BUF

Client Sample ID: PMW-3P 021913 — Lab Sample ID: 480-33208-9

Date Collected: 02/19/13 09:52 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	104354	02/21/13 17:10	LH	TAL BUF

Client Sample ID: OSMW-6D 021913 — Lab Sample ID: 480-33208-10

Date Collected: 02/19/13 10:09 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 17:35	LH	TAL BUF
Total/NA	Analysis	8260B	DL	4	104703	02/25/13 15:10	LH	TAL BUF

Client Sample ID: PMW-3S 021913 — Lab Sample ID: 480-33208-11

Date Collected: 02/19/13 10:10 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104703	02/25/13 15:34	LH	TAL BUF

Client Sample ID: PMW-3D 021913 — Lab Sample ID: 480-33208-12

Date Collected: 02/19/13 10:22 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	104354	02/21/13 18:26	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-1P 021913 — Lab Sample ID: 480-33208-13

Date Collected: 02/19/13 10:35 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 18:51	LH	TAL BUF

Client Sample ID: OSMW-1S 021913 — Lab Sample ID: 480-33208-14

Date Collected: 02/19/13 10:39 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		8	104703	02/25/13 15:58	LH	TAL BUF

Client Sample ID: OSMW-1D 021913 — Lab Sample ID: 480-33208-15

Date Collected: 02/19/13 10:43 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	104703	02/25/13 16:22	LH	TAL BUF

Client Sample ID: OSMW-10P 021913 — Lab Sample ID: 480-33208-16

Date Collected: 02/19/13 11:08 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	104354	02/21/13 20:07	LH	TAL BUF

Client Sample ID: OSMW-10S 021913 — Lab Sample ID: 480-33208-17

Date Collected: 02/19/13 11:18 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 20:32	LH	TAL BUF
Total/NA	Analysis	8260B	DL	4	104703	02/25/13 16:46	LH	TAL BUF

Client Sample ID: OSMW-10D 021913 — Lab Sample ID: 480-33208-18

Date Collected: 02/19/13 11:32 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 20:58	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-3S 021913 — Lab Sample ID: 480-33208-19

Date Collected: 02/19/13 12:56 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 21:23	LH	TAL BUF

Client Sample ID: OSMW-12P 021913 — Lab Sample ID: 480-33208-20

Date Collected: 02/19/13 13:00 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 21:47	LH	TAL BUF

Client Sample ID: OSMW-3D 021913 — Lab Sample ID: 480-33208-21

Date Collected: 02/19/13 13:10 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 13:59	LH	TAL BUF

Client Sample ID: OSMW-11P 021913 — Lab Sample ID: 480-33208-22

Date Collected: 02/19/13 13:15 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 14:23	LH	TAL BUF

Client Sample ID: OSMW-11S 021913 — Lab Sample ID: 480-33208-23

Date Collected: 02/19/13 13:23 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	104359	02/21/13 14:47	LH	TAL BUF

Client Sample ID: OSMW-11D 021913 — Lab Sample ID: 480-33208-24

Date Collected: 02/19/13 13:29 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	104359	02/21/13 15:11	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: TMW-1P 021913 — Lab Sample ID: 480-33208-25

Date Collected: 02/19/13 13:30 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	104359	02/21/13 15:34	LH	TAL BUF

Client Sample ID: TMW-1S 021913 — Lab Sample ID: 480-33208-26

Date Collected: 02/19/13 13:40 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 15:58	LH	TAL BUF

Client Sample ID: OSMW-13P 021913 — Lab Sample ID: 480-33208-27

Date Collected: 02/19/13 13:41 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 16:22	LH	TAL BUF

Client Sample ID: TMW-1D 021913 — Lab Sample ID: 480-33208-28

Date Collected: 02/19/13 13:54 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 16:46	LH	TAL BUF

Client Sample ID: AF-11S 021913 — Lab Sample ID: 480-33208-29

Date Collected: 02/19/13 14:19 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 17:10	LH	TAL BUF

Client Sample ID: AF-11D 021913 — Lab Sample ID: 480-33208-30

Date Collected: 02/19/13 14:31 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 17:34	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: ADW-101 021913

Lab Sample ID: 480-33208-31

Date Collected: 02/19/13 00:00

Matrix: Water

Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 18:45	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-33208-1	Trip Blank 021913	Water	02/19/13 00:00	02/20/13 09:00
480-33208-2	OSMW-4S 021913	Water	02/19/13 08:53	02/20/13 09:00
480-33208-3	AF-7P 021913	Water	02/19/13 08:54	02/20/13 09:00
480-33208-4	OSMW-4D 021913	Water	02/19/13 08:57	02/20/13 09:00
480-33208-5	AF-7S 021913	Water	02/19/13 09:12	02/20/13 09:00
480-33208-6	AF-7D 021913	Water	02/19/13 09:22	02/20/13 09:00
480-33208-7	ADW-100 021913	Water	02/19/13 00:00	02/20/13 09:00
480-33208-8	OSMW-9D 021913	Water	02/19/13 09:47	02/20/13 09:00
480-33208-9	PMW-3P 021913	Water	02/19/13 09:52	02/20/13 09:00
480-33208-10	OSMW-6D 021913	Water	02/19/13 10:09	02/20/13 09:00
480-33208-11	PMW-3S 021913	Water	02/19/13 10:10	02/20/13 09:00
480-33208-12	PMW-3D 021913	Water	02/19/13 10:22	02/20/13 09:00
480-33208-13	OSMW-1P 021913	Water	02/19/13 10:35	02/20/13 09:00
480-33208-14	OSMW-1S 021913	Water	02/19/13 10:39	02/20/13 09:00
480-33208-15	OSMW-1D 021913	Water	02/19/13 10:43	02/20/13 09:00
480-33208-16	OSMW-10P 021913	Water	02/19/13 11:08	02/20/13 09:00
480-33208-17	OSMW-10S 021913	Water	02/19/13 11:18	02/20/13 09:00
480-33208-18	OSMW-10D 021913	Water	02/19/13 11:32	02/20/13 09:00
480-33208-19	OSMW-3S 021913	Water	02/19/13 12:56	02/20/13 09:00
480-33208-20	OSMW-12P 021913	Water	02/19/13 13:00	02/20/13 09:00
480-33208-21	OSMW-3D 021913	Water	02/19/13 13:10	02/20/13 09:00
480-33208-22	OSMW-11P 021913	Water	02/19/13 13:15	02/20/13 09:00
480-33208-23	OSMW-11S 021913	Water	02/19/13 13:23	02/20/13 09:00
480-33208-24	OSMW-11D 021913	Water	02/19/13 13:29	02/20/13 09:00
480-33208-25	TMW-1P 021913	Water	02/19/13 13:30	02/20/13 09:00
480-33208-26	TMW-1S 021913	Water	02/19/13 13:40	02/20/13 09:00
480-33208-27	OSMW-13P 021913	Water	02/19/13 13:41	02/20/13 09:00
480-33208-28	TMW-1D 021913	Water	02/19/13 13:54	02/20/13 09:00
480-33208-29	AF-11S 021913	Water	02/19/13 14:19	02/20/13 09:00
480-33208-30	AF-11D 021913	Water	02/19/13 14:31	02/20/13 09:00
480-33208-31	ADW-101 021913	Water	02/19/13 00:00	02/20/13 09:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schone
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: 716-691-2600
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@obg.com		
Phone: 513-697-2020			
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 50127 267.003	Shipping/Tracking No:		
PO #			

COC No: 59795

1 of 4 COCs

Analysis Turnaround Time (in BUS days)

TAT if different from below

☐ 3 weeks
☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

For lab use only

☐ Walk-in client
☐ Lab pickup
☐ Lab sampling

Job/SDG No:

Sample Identification	Sample Date	SampleTime	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Analyses: VOCs (8260B)	Sample Specific Notes / Special Instructions:
Trip Blank 021913	2/19/13	—		X						2					N	G	X	
OSMW-4S 021913	↓	853		X						3					N	G	X	
AF-7P 021913		854		X						3					N	G	X	
OSMW-4D 021913		857		X						3					N	G	X	
AF-7S 021913		912		X						3					N	G	X	
AF-7D 021913		922		X						3					N	G	X	
AF-7D MS/MSD 021913		922		X						6					N	G	X	
ADW-100 021913		—		X						3					N	G	X	
OSMW-9D 021913		947		X						3					N	G	X	
PMW-3P 021913	↓	952		X						3					N	G	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Analysis Per QAPP; Level III Data Package

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	O'Brien & Gere	2/19/13 1515	[signature]	TestAmerica	2/19/13 1515
[signature]	TestAmerica	2/19/13 1515	[signature]	TA BUFFALO	2/20/13 0900
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schove
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: 716-691-2600
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@obg.com		
Phone: 513-677-2020			
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 50127 262.003	Shipping/Tracking No:		
PO #			

COC No: 59796
2 of 4 COC's

For lab use only
Walk-in client ☐
Lab pickup ☐
Lab sampling ☐
Job/SDG No:

Analysis Turnaround Time (in BUS days)
TAT if different from below
☐ 3 weeks
☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres.	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs (8260B)	Sample Specific Notes / Special Instructions:
OSMW-6D 021913	2/19/13	1009		X						3					N	G	X	
PMW-3S 021913		1010		X						3					N	G	X	
PMW-3D 021913		1022		X						3					N	G	X	
OSMW-1P 021913		1035		X						3					N	G	X	
OSMW-1S 021913		1039		X						3					N	G	X	
OSMW-1D 021913		1043		X						3					N	G	X	
OSMW-10P 021913		1108		X						3					N	G	X	
OSMW-10S 021913		1118		X						3					N	G	X	
OSMW-10D 021913		1132		X						3					N	G	X	
OSMW-3S 021913		1256		X						3					N	G	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Analysis Per QAPP, Level III Data Package

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	O'Brien & Gere	2/19/13 1515	[signature]	TestAmerica	2/19/13 1515
[signature]	TestAmerica	2/19/13 1515	[signature]	TestAmerica	2/20/13 0900
Relinquished by:	Company	Date/Time	Received in Laboratory by:	Company	Date/Time

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schove
COC No: 59793			
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: 716-691-2600
			3 of 4 COCs
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@OBGcom	Analysis Turnaround Time (in BUS days)	Analyses
			For lab use only
Phone: 513-677-2020		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 50127 262.003	Shipping/Tracking No:		Job/SDG No:
PO #			

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs (82603)	Sample Specific Notes / Special Instructions:
OSMW-12P 021913	2/19/13	1300		X						3					N	G	X	
OSMW-3D 021913		1310		X						3					N	G	X	
OSMW-11P 021913		1315		X						3					N	G	X	
OSMW-11S 021913		1323		X						3					N	G	X	
OSMW-11D 021913		1329		X						3					N	G	X	
TMW-1P 021913		1330		X						3					N	G	X	
TMW-1S 021913		1340		X						3					N	G	X	
OSMW-13P 021913		1341		X						3					N	G	X	
TMW-1D 021913		1354		X						3					N	G	X	
AF-11S 021913	↓	1419		X						3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Analysis Per QAPP; Level III Data Package

Relinquished by:	Company	Date/Time:	Received by	Company	Date/Time
[signature]	O'Brien & Gere	2/19/13 1515	[signature]	TestAmerica	2/19/13 1515
[signature]	TestAmerica	2/19/13 1515	[signature]	TA BUFFALO	2/20/13 0900
Relinquished by	Company.	Date/Time	Received in Laboratory by:	Company	Date/Time

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schove	COC No: 59794
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: 716-691-2600	4 of 4 COCs
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@obg.com	Analysis Turnaround Time (in BUS days)		For lab use only
Phone: 513-697-2020		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: GE IRM Project	Method of Shipment/Carrier:			
Project Number: 50127 262.003	Shipping/Tracking No:			Job/SDG No:
PO #				

Analyses: VOCs (8260B)

Sample Identification	Sample Date	SampleTime	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y / N)	Composite=C / Grab=G	VOCs (8260B)	Sample Specific Notes / Special Instructions:
AF-11D 021913	2/19/13	1431		X						3					N	G	X	
AF-11D 021913 MS/MSD	↓	1431		X						3					N	G	X	
ADW-101 021913	↓	—		X						3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: Analysis Per QAPP; Level III Data Package

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	O'Brien & Gere	2/19/13 1515	[signature]	TA BUFFALO	2/20/13 0900
[signature]	TestAmerica	2/19/13 1515	[signature]		
			Received in Laboratory by:		

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TAL 0018- 1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-33208-1

Login Number: 33208
List Number: 1
Creator: Stau, Brandon

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	O BRIEN & GERE
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-33310-1
Client Project/Site: GE IRM Project

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
2/28/2013 11:21:13 AM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.
*	LCS or LCSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-33310-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-33310-1

Comments
No additional comments.

Receipt
The samples were received on 2/21/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 104703 was outside control limits.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: AF-25P 022013 (480-33310-13), AF-4P 022013 (480-33310-3), OSMW-9S 022013 (480-33310-16), TMW-2D 022013 (480-33310-4). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The continuing calibration verification (CCV) for Dichlorodifluoromethane associated with batch 104702 recovered above the upper control limit. The samples associated with this CCV were not looking for this analyte; therefore, the data have been reported.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: ADW-102 022013 (480-33310-14). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample (LCS) for batch 104703 exceeded control limits for the following analyte(s): 2-Butanone. This analyte has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: Trip Blank 022013 — Lab Sample ID: 480-33310-1

No Detections

Client Sample ID: TMW-2S 022013 — Lab Sample ID: 480-33310-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.0	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: AF-4P 022013 — Lab Sample ID: 480-33310-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	57		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	8.0		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	0.97	J	2.0	0.58	ug/L	2		8260B	Total/NA
Chloroform	1.7	J	2.0	0.68	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	3.0		2.0	1.6	ug/L	2		8260B	Total/NA
Tetrachloroethene	12		2.0	0.72	ug/L	2		8260B	Total/NA
Trichloroethene	110		2.0	0.92	ug/L	2		8260B	Total/NA

Client Sample ID: TMW-2D 022013 — Lab Sample ID: 480-33310-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	410		10	8.1	ug/L	10		8260B	Total/NA
trans-1,2-Dichloroethene	150		10	9.0	ug/L	10		8260B	Total/NA
Vinyl chloride	51		10	9.0	ug/L	10		8260B	Total/NA

Client Sample ID: AF-4S 022013 — Lab Sample ID: 480-33310-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.38	ug/L	1		8260B	Total/NA
Benzene	1.4		1.0	0.41	ug/L	1		8260B	Total/NA
Chloroethane	0.93	J	1.0	0.32	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	5.9		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	15		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-19S 022013 — Lab Sample ID: 480-33310-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.0	J	10	3.0	ug/L	1		8260B	Total/NA
Vinyl chloride	23		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-19D 022013 — Lab Sample ID: 480-33310-7

No Detections

Client Sample ID: PMW-2D 022013 — Lab Sample ID: 480-33310-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.0	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: AF-13P 022013 — Lab Sample ID: 480-33310-9

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-13P 022013 (Continued) — Lab Sample ID: 480-33310-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.8	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: AF-13S 022013 — Lab Sample ID: 480-33310-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	35		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	4.8		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-5S 022013 — Lab Sample ID: 480-33310-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.9		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	5.5	J	10	3.0	ug/L	1		8260B	Total/NA
Benzene	0.53	J	1.0	0.41	ug/L	1		8260B	Total/NA
Chloroethane	0.56	J	1.0	0.32	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.5		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	60		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: PMW-4D 022013 — Lab Sample ID: 480-33310-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.6	J	10	3.0	ug/L	1		8260B	Total/NA
Vinyl chloride	6.4		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-25P 022013 — Lab Sample ID: 480-33310-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	160		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	34		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	15		2.0	0.58	ug/L	2		8260B	Total/NA
Benzene	1.2	J	2.0	0.82	ug/L	2		8260B	Total/NA
Chloroethane	130		2.0	0.64	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	18		2.0	1.6	ug/L	2		8260B	Total/NA
Tetrachloroethene	1.1	J	2.0	0.72	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	3.2		2.0	1.8	ug/L	2		8260B	Total/NA
Trichloroethene	130		2.0	0.92	ug/L	2		8260B	Total/NA
Vinyl chloride	26		2.0	1.8	ug/L	2		8260B	Total/NA

Client Sample ID: ADW-102 022013 — Lab Sample ID: 480-33310-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	150	E	1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	32		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	15		1.0	0.29	ug/L	1		8260B	Total/NA
Benzene	1.1		1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.81	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.2		1.0	0.36	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.2		1.0	0.90	ug/L	1		8260B	Total/NA
Vinyl chloride	27		1.0	0.90	ug/L	1		8260B	Total/NA
Chloroethane - DL	110		4.0	1.3	ug/L	4		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: ADW-102 022013 (Continued) — Lab Sample ID: 480-33310-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene - DL	120		4.0	1.8	ug/L	4		8260B	Total/NA

Client Sample ID: AF-6S 022013 — Lab Sample ID: 480-33310-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.8	J	10	3.0	ug/L	1		8260B	Total/NA
Trichloroethene	0.52	J	1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-9S 022013 — Lab Sample ID: 480-33310-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	60		5.0	4.1	ug/L	5		8260B	Total/NA
Vinyl chloride	110		5.0	4.5	ug/L	5		8260B	Total/NA

Client Sample ID: AF-9S 022013 — Lab Sample ID: 480-33310-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.5		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	5.1	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.3		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	45		1.0	0.90	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: Trip Blank 022013

Lab Sample ID: 480-33310-1

Date Collected: 02/20/13 00:00

Matrix: Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 16:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 16:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 16:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 16:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 16:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 16:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 16:30	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 16:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 16:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 16:30	1
Acetone	ND		10	3.0	ug/L			02/25/13 16:30	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 16:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 16:30	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 16:30	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 16:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 16:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 16:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 16:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 16:30	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 16:30	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 16:30	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 16:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 16:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 16:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 16:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 16:30	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 16:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 16:30	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 16:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 16:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 16:30	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 16:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 16:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*02/25/13 16:30*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*		*02/25/13 16:30*	*1*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*02/25/13 16:30*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: TMW-2S 022013

Lab Sample ID: 480-33310-2

Date Collected: 02/20/13 08:37

Matrix: Ground Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 16:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 16:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 16:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 16:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 16:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 16:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 16:55	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 16:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 16:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 16:55	1
Acetone	**5.0**	**J**	10	3.0	ug/L			02/25/13 16:55	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 16:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 16:55	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 16:55	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 16:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 16:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 16:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 16:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 16:55	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 16:55	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 16:55	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 16:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 16:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 16:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 16:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 16:55	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 16:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 16:55	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 16:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 16:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 16:55	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 16:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 16:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*02/25/13 16:55*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*02/25/13 16:55*	*1*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*02/25/13 16:55*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-4P 022013

Lab Sample ID: 480-33310-3

Date Collected: 02/20/13 08:46

Matrix: Ground Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**57**		2.0	1.6	ug/L			02/25/13 17:20	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			02/25/13 17:20	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			02/25/13 17:20	2
1,1-Dichloroethane	**8.0**		2.0	0.76	ug/L			02/25/13 17:20	2
1,1-Dichloroethene	**0.97**	**J**	2.0	0.58	ug/L			02/25/13 17:20	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			02/25/13 17:20	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			02/25/13 17:20	2
2-Hexanone	ND		10	2.5	ug/L			02/25/13 17:20	2
2-Butanone (MEK)	ND		20	2.6	ug/L			02/25/13 17:20	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			02/25/13 17:20	2
Acetone	ND		20	6.0	ug/L			02/25/13 17:20	2
Benzene	ND		2.0	0.82	ug/L			02/25/13 17:20	2
Bromodichloromethane	ND		2.0	0.78	ug/L			02/25/13 17:20	2
Bromoform	ND		2.0	0.52	ug/L			02/25/13 17:20	2
Bromomethane	ND		2.0	1.4	ug/L			02/25/13 17:20	2
Carbon disulfide	ND		2.0	0.38	ug/L			02/25/13 17:20	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			02/25/13 17:20	2
Chlorobenzene	ND		2.0	1.5	ug/L			02/25/13 17:20	2
Dibromochloromethane	ND		2.0	0.64	ug/L			02/25/13 17:20	2
Chloroethane	ND		2.0	0.64	ug/L			02/25/13 17:20	2
Chloroform	**1.7**	**J**	2.0	0.68	ug/L			02/25/13 17:20	2
Chloromethane	ND		2.0	0.70	ug/L			02/25/13 17:20	2
cis-1,2-Dichloroethene	**3.0**		2.0	1.6	ug/L			02/25/13 17:20	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			02/25/13 17:20	2
Ethylbenzene	ND		2.0	1.5	ug/L			02/25/13 17:20	2
Methylene Chloride	ND		2.0	0.88	ug/L			02/25/13 17:20	2
Styrene	ND		2.0	1.5	ug/L			02/25/13 17:20	2
Tetrachloroethene	**12**		2.0	0.72	ug/L			02/25/13 17:20	2
Toluene	ND		2.0	1.0	ug/L			02/25/13 17:20	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			02/25/13 17:20	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			02/25/13 17:20	2
Trichloroethene	**110**		2.0	0.92	ug/L			02/25/13 17:20	2
Vinyl chloride	ND		2.0	1.8	ug/L			02/25/13 17:20	2
Xylenes, Total	ND		4.0	1.3	ug/L			02/25/13 17:20	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*02/25/13 17:20*	*2*
Toluene-d8 (Surr)	*98*		*71 - 126*		*02/25/13 17:20*	*2*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*02/25/13 17:20*	*2*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: TMW-2D 022013

Lab Sample ID: 480-33310-4

Date Collected: 02/20/13 08:51
Matrix: Ground Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			02/25/13 17:45	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			02/25/13 17:45	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			02/25/13 17:45	10
1,1-Dichloroethane	ND		10	3.8	ug/L			02/25/13 17:45	10
1,1-Dichloroethene	ND		10	2.9	ug/L			02/25/13 17:45	10
1,2-Dichloroethane	ND		10	2.1	ug/L			02/25/13 17:45	10
1,2-Dichloropropane	ND		10	7.2	ug/L			02/25/13 17:45	10
2-Hexanone	ND		50	12	ug/L			02/25/13 17:45	10
2-Butanone (MEK)	ND		100	13	ug/L			02/25/13 17:45	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			02/25/13 17:45	10
Acetone	ND		100	30	ug/L			02/25/13 17:45	10
Benzene	ND		10	4.1	ug/L			02/25/13 17:45	10
Bromodichloromethane	ND		10	3.9	ug/L			02/25/13 17:45	10
Bromoform	ND		10	2.6	ug/L			02/25/13 17:45	10
Bromomethane	ND		10	6.9	ug/L			02/25/13 17:45	10
Carbon disulfide	ND		10	1.9	ug/L			02/25/13 17:45	10
Carbon tetrachloride	ND		10	2.7	ug/L			02/25/13 17:45	10
Chlorobenzene	ND		10	7.5	ug/L			02/25/13 17:45	10
Dibromochloromethane	ND		10	3.2	ug/L			02/25/13 17:45	10
Chloroethane	ND		10	3.2	ug/L			02/25/13 17:45	10
Chloroform	ND		10	3.4	ug/L			02/25/13 17:45	10
Chloromethane	ND		10	3.5	ug/L			02/25/13 17:45	10
cis-1,2-Dichloroethene	**410**		10	8.1	ug/L			02/25/13 17:45	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			02/25/13 17:45	10
Ethylbenzene	ND		10	7.4	ug/L			02/25/13 17:45	10
Methylene Chloride	ND		10	4.4	ug/L			02/25/13 17:45	10
Styrene	ND		10	7.3	ug/L			02/25/13 17:45	10
Tetrachloroethene	ND		10	3.6	ug/L			02/25/13 17:45	10
Toluene	ND		10	5.1	ug/L			02/25/13 17:45	10
trans-1,2-Dichloroethene	**150**		10	9.0	ug/L			02/25/13 17:45	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			02/25/13 17:45	10
Trichloroethene	ND		10	4.6	ug/L			02/25/13 17:45	10
Vinyl chloride	**51**		10	9.0	ug/L			02/25/13 17:45	10
Xylenes, Total	ND		20	6.6	ug/L			02/25/13 17:45	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*02/25/13 17:45*	*10*
Toluene-d8 (Surr)	*91*		*71 - 126*		*02/25/13 17:45*	*10*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*02/25/13 17:45*	*10*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-4S 022013

Lab Sample ID: 480-33310-5

Date Collected: 02/20/13 08:58

Matrix: Ground Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 18:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 18:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 18:10	1
1,1-Dichloroethane	**3.9**		1.0	0.38	ug/L			02/25/13 18:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 18:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 18:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 18:10	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 18:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 18:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 18:10	1
Acetone	ND		10	3.0	ug/L			02/25/13 18:10	1
Benzene	**1.4**		1.0	0.41	ug/L			02/25/13 18:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 18:10	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 18:10	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 18:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 18:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 18:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 18:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 18:10	1
Chloroethane	**0.93**	**J**	1.0	0.32	ug/L			02/25/13 18:10	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 18:10	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 18:10	1
cis-1,2-Dichloroethene	**5.9**		1.0	0.81	ug/L			02/25/13 18:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 18:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 18:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 18:10	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 18:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 18:10	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 18:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 18:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 18:10	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 18:10	1
Vinyl chloride	**15**		1.0	0.90	ug/L			02/25/13 18:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*02/25/13 18:10*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*02/25/13 18:10*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*02/25/13 18:10*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-19S 022013

Lab Sample ID: 480-33310-6

Date Collected: 02/20/13 09:05
Matrix: Ground Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 17:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 17:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 17:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 17:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 17:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 17:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 17:10	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 17:10	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/25/13 17:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 17:10	1
Acetone	**4.0**	**J**	10	3.0	ug/L			02/25/13 17:10	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 17:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 17:10	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 17:10	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 17:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 17:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 17:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 17:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 17:10	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 17:10	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 17:10	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 17:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 17:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 17:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 17:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 17:10	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 17:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 17:10	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 17:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 17:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 17:10	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 17:10	1
Vinyl chloride	**23**		1.0	0.90	ug/L			02/25/13 17:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/25/13 17:10*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*		*02/25/13 17:10*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/25/13 17:10*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-19D 022013

Lab Sample ID: 480-33310-7

Date Collected: 02/20/13 09:13

Matrix: Ground Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 17:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 17:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 17:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 17:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 17:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 17:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 17:33	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 17:33	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/25/13 17:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 17:33	1
Acetone	ND		10	3.0	ug/L			02/25/13 17:33	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 17:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 17:33	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 17:33	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 17:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 17:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 17:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 17:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 17:33	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 17:33	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 17:33	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 17:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 17:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 17:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 17:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 17:33	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 17:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 17:33	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 17:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 17:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 17:33	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 17:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 17:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*66 - 137*		*02/25/13 17:33*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*		*02/25/13 17:33*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*02/25/13 17:33*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: PMW-2D 022013

Lab Sample ID: 480-33310-8

Date Collected: 02/20/13 09:20
Matrix: Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 17:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 17:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 17:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 17:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 17:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 17:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 17:57	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 17:57	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/25/13 17:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 17:57	1
Acetone	**5.0**	**J**	10	3.0	ug/L			02/25/13 17:57	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 17:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 17:57	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 17:57	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 17:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 17:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 17:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 17:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 17:57	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 17:57	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 17:57	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 17:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 17:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 17:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 17:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 17:57	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 17:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 17:57	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 17:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 17:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 17:57	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 17:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 17:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*02/25/13 17:57*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*		*02/25/13 17:57*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*02/25/13 17:57*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-13P 022013

Lab Sample ID: 480-33310-9

Date Collected: 02/20/13 09:41
Matrix: Ground Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 19:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 19:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 19:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 19:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 19:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 19:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 19:09	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 19:09	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/25/13 19:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 19:09	1
Acetone	**5.8**	**J**	10	3.0	ug/L			02/25/13 19:09	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 19:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 19:09	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 19:09	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 19:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 19:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 19:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 19:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 19:09	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 19:09	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 19:09	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 19:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 19:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 19:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 19:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 19:09	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 19:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 19:09	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 19:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 19:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 19:09	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 19:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 19:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*02/25/13 19:09*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*02/25/13 19:09*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/25/13 19:09*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-13S 022013

Date Collected: 02/20/13 09:51
Date Received: 02/21/13 09:00

Lab Sample ID: 480-33310-10

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 18:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 18:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 18:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 18:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 18:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 18:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 18:35	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 18:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 18:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 18:35	1
Acetone	ND		10	3.0	ug/L			02/25/13 18:35	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 18:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 18:35	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 18:35	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 18:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 18:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 18:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 18:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 18:35	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 18:35	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 18:35	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 18:35	1
cis-1,2-Dichloroethene	**35**		1.0	0.81	ug/L			02/25/13 18:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 18:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 18:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 18:35	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 18:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 18:35	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 18:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 18:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 18:35	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 18:35	1
Vinyl chloride	**4.8**		1.0	0.90	ug/L			02/25/13 18:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*02/25/13 18:35*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*		*02/25/13 18:35*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/25/13 18:35*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-5S 022013

Lab Sample ID: 480-33310-11

Date Collected: 02/20/13 10:06

Matrix: Ground Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 19:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 19:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 19:00	1
1,1-Dichloroethane	**6.9**		1.0	0.38	ug/L			02/25/13 19:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 19:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 19:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 19:00	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 19:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 19:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 19:00	1
Acetone	**5.5**	**J**	10	3.0	ug/L			02/25/13 19:00	1
Benzene	**0.53**	**J**	1.0	0.41	ug/L			02/25/13 19:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 19:00	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 19:00	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 19:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 19:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 19:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 19:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 19:00	1
Chloroethane	**0.56**	**J**	1.0	0.32	ug/L			02/25/13 19:00	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 19:00	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 19:00	1
cis-1,2-Dichloroethene	**2.5**		1.0	0.81	ug/L			02/25/13 19:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 19:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 19:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 19:00	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 19:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 19:00	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 19:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 19:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 19:00	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 19:00	1
Vinyl chloride	**60**		1.0	0.90	ug/L			02/25/13 19:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*02/25/13 19:00*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*02/25/13 19:00*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*02/25/13 19:00*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: PMW-4D 022013

Lab Sample ID: 480-33310-12

Date Collected: 02/20/13 10:19

Matrix: Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 19:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 19:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 19:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 19:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 19:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 19:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 19:25	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 19:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 19:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 19:25	1
Acetone	**5.6**	**J**	10	3.0	ug/L			02/25/13 19:25	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 19:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 19:25	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 19:25	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 19:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 19:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 19:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 19:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 19:25	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 19:25	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 19:25	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 19:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 19:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 19:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 19:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 19:25	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 19:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 19:25	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 19:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 19:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 19:25	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 19:25	1
Vinyl chloride	**6.4**		1.0	0.90	ug/L			02/25/13 19:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*02/25/13 19:25*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*02/25/13 19:25*	*1*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*02/25/13 19:25*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-25P 022013

Lab Sample ID: 480-33310-13

Date Collected: 02/20/13 10:28

Matrix: Ground Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**160**		2.0	1.6	ug/L			02/25/13 19:50	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			02/25/13 19:50	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			02/25/13 19:50	2
1,1-Dichloroethane	**34**		2.0	0.76	ug/L			02/25/13 19:50	2
1,1-Dichloroethene	**15**		2.0	0.58	ug/L			02/25/13 19:50	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			02/25/13 19:50	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			02/25/13 19:50	2
2-Hexanone	ND		10	2.5	ug/L			02/25/13 19:50	2
2-Butanone (MEK)	ND		20	2.6	ug/L			02/25/13 19:50	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			02/25/13 19:50	2
Acetone	ND		20	6.0	ug/L			02/25/13 19:50	2
Benzene	**1.2**	**J**	2.0	0.82	ug/L			02/25/13 19:50	2
Bromodichloromethane	ND		2.0	0.78	ug/L			02/25/13 19:50	2
Bromoform	ND		2.0	0.52	ug/L			02/25/13 19:50	2
Bromomethane	ND		2.0	1.4	ug/L			02/25/13 19:50	2
Carbon disulfide	ND		2.0	0.38	ug/L			02/25/13 19:50	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			02/25/13 19:50	2
Chlorobenzene	ND		2.0	1.5	ug/L			02/25/13 19:50	2
Dibromochloromethane	ND		2.0	0.64	ug/L			02/25/13 19:50	2
Chloroethane	**130**		2.0	0.64	ug/L			02/25/13 19:50	2
Chloroform	ND		2.0	0.68	ug/L			02/25/13 19:50	2
Chloromethane	ND		2.0	0.70	ug/L			02/25/13 19:50	2
cis-1,2-Dichloroethene	**18**		2.0	1.6	ug/L			02/25/13 19:50	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			02/25/13 19:50	2
Ethylbenzene	ND		2.0	1.5	ug/L			02/25/13 19:50	2
Methylene Chloride	ND		2.0	0.88	ug/L			02/25/13 19:50	2
Styrene	ND		2.0	1.5	ug/L			02/25/13 19:50	2
Tetrachloroethene	**1.1**	**J**	2.0	0.72	ug/L			02/25/13 19:50	2
Toluene	ND		2.0	1.0	ug/L			02/25/13 19:50	2
trans-1,2-Dichloroethene	**3.2**		2.0	1.8	ug/L			02/25/13 19:50	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			02/25/13 19:50	2
Trichloroethene	**130**		2.0	0.92	ug/L			02/25/13 19:50	2
Vinyl chloride	**26**		2.0	1.8	ug/L			02/25/13 19:50	2
Xylenes, Total	ND		4.0	1.3	ug/L			02/25/13 19:50	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*02/25/13 19:50*	*2*
Toluene-d8 (Surr)	*93*		*71 - 126*		*02/25/13 19:50*	*2*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*02/25/13 19:50*	*2*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: ADW-102 022013

Lab Sample ID: 480-33310-14

Date Collected: 02/20/13 00:00
Matrix: Ground Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**150**	**E**	1.0	0.82	ug/L			02/25/13 20:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 20:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 20:14	1
1,1-Dichloroethane	**32**		1.0	0.38	ug/L			02/25/13 20:14	1
1,1-Dichloroethene	**15**		1.0	0.29	ug/L			02/25/13 20:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 20:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 20:14	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 20:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 20:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 20:14	1
Acetone	ND		10	3.0	ug/L			02/25/13 20:14	1
Benzene	**1.1**		1.0	0.41	ug/L			02/25/13 20:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 20:14	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 20:14	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 20:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 20:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 20:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 20:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 20:14	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 20:14	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 20:14	1
cis-1,2-Dichloroethene	**16**		1.0	0.81	ug/L			02/25/13 20:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 20:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 20:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 20:14	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 20:14	1
Tetrachloroethene	**1.2**		1.0	0.36	ug/L			02/25/13 20:14	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 20:14	1
trans-1,2-Dichloroethene	**3.2**		1.0	0.90	ug/L			02/25/13 20:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 20:14	1
Vinyl chloride	**27**		1.0	0.90	ug/L			02/25/13 20:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*02/25/13 20:14*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*02/25/13 20:14*	*1*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*02/25/13 20:14*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	**110**		4.0	1.3	ug/L			02/26/13 12:21	4
Trichloroethene	**120**		4.0	1.8	ug/L			02/26/13 12:21	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*02/26/13 12:21*	*4*
Toluene-d8 (Surr)	*106*		*71 - 126*		*02/26/13 12:21*	*4*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/26/13 12:21*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-6S 022013

Date Collected: 02/20/13 10:42
Date Received: 02/21/13 09:00

Lab Sample ID: 480-33310-15

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 20:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 20:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 20:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 20:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 20:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 20:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 20:39	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 20:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 20:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 20:39	1
Acetone	**4.8**	**J**	10	3.0	ug/L			02/25/13 20:39	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 20:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 20:39	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 20:39	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 20:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 20:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 20:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 20:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 20:39	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 20:39	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 20:39	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 20:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 20:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 20:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 20:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 20:39	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 20:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 20:39	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 20:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 20:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 20:39	1
Trichloroethene	**0.52**	**J**	1.0	0.46	ug/L			02/25/13 20:39	1
Vinyl chloride	**1.3**		1.0	0.90	ug/L			02/25/13 20:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*02/25/13 20:39*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*02/25/13 20:39*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/25/13 20:39*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: OSMW-9S 022013

Lab Sample ID: 480-33310-16

Date Collected: 02/20/13 10:49
Matrix: Ground Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			02/25/13 21:04	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			02/25/13 21:04	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			02/25/13 21:04	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			02/25/13 21:04	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			02/25/13 21:04	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			02/25/13 21:04	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			02/25/13 21:04	5
2-Hexanone	ND		25	6.2	ug/L			02/25/13 21:04	5
2-Butanone (MEK)	ND		50	6.6	ug/L			02/25/13 21:04	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			02/25/13 21:04	5
Acetone	ND		50	15	ug/L			02/25/13 21:04	5
Benzene	ND		5.0	2.1	ug/L			02/25/13 21:04	5
Bromodichloromethane	ND		5.0	2.0	ug/L			02/25/13 21:04	5
Bromoform	ND		5.0	1.3	ug/L			02/25/13 21:04	5
Bromomethane	ND		5.0	3.5	ug/L			02/25/13 21:04	5
Carbon disulfide	ND		5.0	0.95	ug/L			02/25/13 21:04	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			02/25/13 21:04	5
Chlorobenzene	ND		5.0	3.8	ug/L			02/25/13 21:04	5
Dibromochloromethane	ND		5.0	1.6	ug/L			02/25/13 21:04	5
Chloroethane	ND		5.0	1.6	ug/L			02/25/13 21:04	5
Chloroform	ND		5.0	1.7	ug/L			02/25/13 21:04	5
Chloromethane	ND		5.0	1.8	ug/L			02/25/13 21:04	5
cis-1,2-Dichloroethene	**60**		5.0	4.1	ug/L			02/25/13 21:04	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			02/25/13 21:04	5
Ethylbenzene	ND		5.0	3.7	ug/L			02/25/13 21:04	5
Methylene Chloride	ND		5.0	2.2	ug/L			02/25/13 21:04	5
Styrene	ND		5.0	3.7	ug/L			02/25/13 21:04	5
Tetrachloroethene	ND		5.0	1.8	ug/L			02/25/13 21:04	5
Toluene	ND		5.0	2.6	ug/L			02/25/13 21:04	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			02/25/13 21:04	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			02/25/13 21:04	5
Trichloroethene	ND		5.0	2.3	ug/L			02/25/13 21:04	5
Vinyl chloride	**110**		5.0	4.5	ug/L			02/25/13 21:04	5
Xylenes, Total	ND		10	3.3	ug/L			02/25/13 21:04	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/25/13 21:04*	*5*
Toluene-d8 (Surr)	*92*		*71 - 126*		*02/25/13 21:04*	*5*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/25/13 21:04*	*5*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-9S 022013

Lab Sample ID: 480-33310-17

Date Collected: 02/20/13 11:10
Matrix: Ground Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 21:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 21:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 21:29	1
1,1-Dichloroethane	**1.5**		1.0	0.38	ug/L			02/25/13 21:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 21:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 21:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 21:29	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 21:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 21:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 21:29	1
Acetone	**5.1**	**J**	10	3.0	ug/L			02/25/13 21:29	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 21:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 21:29	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 21:29	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 21:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 21:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 21:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 21:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 21:29	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 21:29	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 21:29	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 21:29	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.81	ug/L			02/25/13 21:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 21:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 21:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 21:29	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 21:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 21:29	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 21:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 21:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 21:29	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 21:29	1
Vinyl chloride	**45**		1.0	0.90	ug/L			02/25/13 21:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*66 - 137*		*02/25/13 21:29*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*02/25/13 21:29*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*02/25/13 21:29*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-33310-2	TMW-2S 022013	115	94	85
480-33310-3	AF-4P 022013	109	98	89
480-33310-4	TMW-2D 022013	104	91	82
480-33310-5	AF-4S 022013	111	97	87
480-33310-6	AF-19S 022013	110	106	105
480-33310-7	AF-19D 022013	116	108	109
480-33310-9	AF-13P 022013	104	105	107
480-33310-10	AF-13S 022013	105	91	81
480-33310-11	AF-5S 022013	115	96	87
480-33310-13	AF-25P 022013	112	93	82
480-33310-14	ADW-102 022013	115	96	85
480-33310-14 - DL	ADW-102 022013	109	106	107
480-33310-15	AF-6S 022013	112	89	81
480-33310-16	OSMW-9S 022013	110	92	81
480-33310-17	AF-9S 022013	117	95	83

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-33310-1	Trip Blank 022013	105	91	85
480-33310-8	PMW-2D 022013	108	109	106
480-33310-8 MS	PMW-2D 022013	103	104	106
480-33310-8 MSD	PMW-2D 022013	105	104	107
480-33310-12	PMW-4D 022013	111	92	82
LCS 480-104702/4	Lab Control Sample	98	95	87
LCS 480-104703/4	Lab Control Sample	110	106	109
LCS 480-104885/4	Lab Control Sample	106	105	109
MB 480-104702/5	Method Blank	103	93	84
MB 480-104703/7	Method Blank	107	105	105
MB 480-104885/7	Method Blank	109	106	106

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-104702/5
Matrix: Water
Analysis Batch: 104702

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 13:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 13:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 13:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 13:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 13:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 13:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 13:41	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 13:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 13:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 13:41	1
Acetone	ND		10	3.0	ug/L			02/25/13 13:41	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 13:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 13:41	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 13:41	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 13:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 13:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 13:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 13:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 13:41	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 13:41	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 13:41	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 13:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 13:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 13:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 13:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 13:41	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 13:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 13:41	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 13:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 13:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 13:41	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 13:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 13:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 13:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*02/25/13 13:41*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*02/25/13 13:41*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*02/25/13 13:41*	*1*

Lab Sample ID: LCS 480-104702/4
Matrix: Water
Analysis Batch: 104702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.6		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	70 - 126
1,1,2-Trichloroethane	25.0	23.0		ug/L		92	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104702/4
Matrix: Water
Analysis Batch: 104702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	25.3		ug/L		101	71 - 129
1,1-Dichloroethene	25.0	22.9		ug/L		92	58 - 121
1,2-Dichloroethane	25.0	25.6		ug/L		102	75 - 127
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
2-Hexanone	125	127		ug/L		101	65 - 127
2-Butanone (MEK)	125	137		ug/L		110	57 - 140
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125
Acetone	125	138		ug/L		111	56 - 142
Benzene	25.0	24.4		ug/L		98	71 - 124
Bromodichloromethane	25.0	25.4		ug/L		102	80 - 122
Bromoform	25.0	24.8		ug/L		99	66 - 128
Bromomethane	25.0	26.2		ug/L		105	55 - 144
Carbon disulfide	25.0	21.2		ug/L		85	59 - 134
Carbon tetrachloride	25.0	25.8		ug/L		103	72 - 134
Chlorobenzene	25.0	22.5		ug/L		90	72 - 120
Dibromochloromethane	25.0	24.1		ug/L		96	75 - 125
Chloroethane	25.0	27.0		ug/L		108	69 - 136
Chloroform	25.0	25.4		ug/L		101	73 - 127
Chloromethane	25.0	19.3		ug/L		77	68 - 124
cis-1,2-Dichloroethene	25.0	23.7		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	74 - 124
Ethylbenzene	25.0	22.6		ug/L		91	77 - 123
Methylene Chloride	25.0	25.3		ug/L		101	57 - 132
Styrene	25.0	23.2		ug/L		93	70 - 130
Tetrachloroethene	25.0	22.4		ug/L		90	74 - 122
Toluene	25.0	22.8		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	23.6		ug/L		94	72 - 123
Trichloroethene	25.0	23.4		ug/L		94	74 - 123
Vinyl chloride	25.0	23.0		ug/L		92	65 - 133
Xylenes, Total	75.0	68.9		ug/L		92	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*
Toluene-d8 (Surr)	*95*		*71 - 126*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*

Lab Sample ID: MB 480-104703/7
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 13:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 13:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 13:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 13:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 13:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 13:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-104703/7
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 13:00	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 13:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 13:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 13:00	1
Acetone	ND		10	3.0	ug/L			02/25/13 13:00	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 13:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 13:00	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 13:00	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 13:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 13:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 13:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 13:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 13:00	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 13:00	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 13:00	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 13:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 13:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 13:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 13:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 13:00	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 13:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 13:00	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 13:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 13:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 13:00	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 13:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 13:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 13:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/25/13 13:00*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*02/25/13 13:00*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/25/13 13:00*	*1*

Lab Sample ID: LCS 480-104703/4
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.1		ug/L		100	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.9		ug/L		100	70 - 126
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	25.5		ug/L		102	71 - 129
1,1-Dichloroethene	25.0	26.7		ug/L		107	58 - 121
1,2-Dichloroethane	25.0	26.2		ug/L		105	75 - 127
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
2-Hexanone	125	139		ug/L		111	65 - 127
2-Butanone (MEK)	125	190	*	ug/L		152	57 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104703/4
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		110	71 - 125
Acetone	125	157		ug/L		125	56 - 142
Benzene	25.0	25.6		ug/L		102	71 - 124
Bromodichloromethane	25.0	26.2		ug/L		105	80 - 122
Bromoform	25.0	27.9		ug/L		112	66 - 128
Bromomethane	25.0	21.9		ug/L		88	55 - 144
Carbon disulfide	25.0	23.0		ug/L		92	59 - 134
Carbon tetrachloride	25.0	25.5		ug/L		102	72 - 134
Chlorobenzene	25.0	24.9		ug/L		100	72 - 120
Dibromochloromethane	25.0	26.7		ug/L		107	75 - 125
Chloroethane	25.0	22.7		ug/L		91	69 - 136
Chloroform	25.0	25.7		ug/L		103	73 - 127
Chloromethane	25.0	26.8		ug/L		107	68 - 124
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	26.4		ug/L		106	74 - 124
Ethylbenzene	25.0	24.7		ug/L		99	77 - 123
Methylene Chloride	25.0	24.5		ug/L		98	57 - 132
Styrene	25.0	25.4		ug/L		102	70 - 130
Tetrachloroethene	25.0	27.3		ug/L		109	74 - 122
Toluene	25.0	25.3		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	26.7		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	25.3		ug/L		101	72 - 123
Trichloroethene	25.0	26.6		ug/L		106	74 - 123
Vinyl chloride	25.0	24.1		ug/L		97	65 - 133
Xylenes, Total	75.0	76.7		ug/L		102	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*
Toluene-d8 (Surr)	*106*		*71 - 126*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*

Lab Sample ID: 480-33310-8 MS
Matrix: Water
Analysis Batch: 104703

Client Sample ID: PMW-2D 022013
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	23.3		ug/L		93	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	23.0		ug/L		92	70 - 126
1,1,2-Trichloroethane	ND		25.0	22.9		ug/L		91	76 - 122
1,1-Dichloroethane	ND		25.0	23.9		ug/L		95	71 - 129
1,1-Dichloroethene	ND		25.0	27.8		ug/L		111	58 - 121
1,2-Dichloroethane	ND		25.0	23.8		ug/L		95	75 - 127
1,2-Dichloropropane	ND		25.0	23.9		ug/L		95	76 - 120
2-Hexanone	ND		125	131		ug/L		105	65 - 127
2-Butanone (MEK)	ND	*	125	134		ug/L		107	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	126		ug/L		101	71 - 125
Acetone	5.0	J	125	155		ug/L		120	56 - 142
Benzene	ND		25.0	23.7		ug/L		95	71 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33310-8 MS
Matrix: Water
Analysis Batch: 104703

Client Sample ID: PMW-2D 022013
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	ND		25.0	23.2		ug/L		93	80 - 122
Bromoform	ND		25.0	22.1		ug/L		88	66 - 128
Bromomethane	ND		25.0	19.1		ug/L		76	55 - 144
Carbon disulfide	ND		25.0	19.3		ug/L		77	59 - 134
Carbon tetrachloride	ND		25.0	22.1		ug/L		89	72 - 134
Chlorobenzene	ND		25.0	23.2		ug/L		93	72 - 120
Dibromochloromethane	ND		25.0	21.7		ug/L		87	75 - 125
Chloroethane	ND		25.0	21.2		ug/L		85	69 - 136
Chloroform	ND		25.0	23.7		ug/L		95	73 - 127
Chloromethane	ND		25.0	23.3		ug/L		93	68 - 124
cis-1,2-Dichloroethene	ND		25.0	24.5		ug/L		98	74 - 124
cis-1,3-Dichloropropene	ND		25.0	21.9		ug/L		87	74 - 124
Ethylbenzene	ND		25.0	23.4		ug/L		93	77 - 123
Methylene Chloride	ND		25.0	22.1		ug/L		88	57 - 132
Styrene	ND		25.0	23.4		ug/L		94	70 - 130
Tetrachloroethene	ND		25.0	25.0		ug/L		100	74 - 122
Toluene	ND		25.0	23.3		ug/L		93	80 - 122
trans-1,2-Dichloroethene	ND		25.0	24.9		ug/L		100	73 - 127
trans-1,3-Dichloropropene	ND		25.0	21.4		ug/L		86	72 - 123
Trichloroethene	ND		25.0	23.9		ug/L		96	74 - 123
Vinyl chloride	ND		25.0	23.4		ug/L		94	65 - 133
Xylenes, Total	ND		75.0	70.5		ug/L		94	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*
Toluene-d8 (Surr)	*104*		*71 - 126*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*

Lab Sample ID: 480-33310-8 MSD
Matrix: Water
Analysis Batch: 104703

Client Sample ID: PMW-2D 022013
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	25.1		ug/L		100	73 - 126	8	15
1,1,2,2-Tetrachloroethane	ND		25.0	24.3		ug/L		97	70 - 126	5	15
1,1,2-Trichloroethane	ND		25.0	24.6		ug/L		98	76 - 122	7	15
1,1-Dichloroethane	ND		25.0	25.7		ug/L		103	71 - 129	7	20
1,1-Dichloroethene	ND		25.0	28.4		ug/L		114	58 - 121	2	16
1,2-Dichloroethane	ND		25.0	25.5		ug/L		102	75 - 127	7	20
1,2-Dichloropropane	ND		25.0	25.6		ug/L		102	76 - 120	7	20
2-Hexanone	ND		125	135		ug/L		108	65 - 127	3	15
2-Butanone (MEK)	ND	*	125	142		ug/L		113	57 - 140	6	20
4-Methyl-2-pentanone (MIBK)	ND		125	132		ug/L		105	71 - 125	4	35
Acetone	5.0	J	125	147		ug/L		114	56 - 142	5	15
Benzene	ND		25.0	25.9		ug/L		103	71 - 124	9	13
Bromodichloromethane	ND		25.0	25.4		ug/L		102	80 - 122	9	15
Bromoform	ND		25.0	24.4		ug/L		98	66 - 128	10	15
Bromomethane	ND		25.0	23.4	F	ug/L		93	55 - 144	20	15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33310-8 MSD
Matrix: Water
Analysis Batch: 104703

Client Sample ID: PMW-2D 022013
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide	ND		25.0	21.9		ug/L		88	59 - 134	13	15
Carbon tetrachloride	ND		25.0	24.5		ug/L		98	72 - 134	10	15
Chlorobenzene	ND		25.0	24.9		ug/L		100	72 - 120	7	25
Dibromochloromethane	ND		25.0	23.5		ug/L		94	75 - 125	8	15
Chloroethane	ND		25.0	23.9		ug/L		96	69 - 136	12	15
Chloroform	ND		25.0	25.4		ug/L		101	73 - 127	7	20
Chloromethane	ND		25.0	23.7		ug/L		95	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	26.1		ug/L		104	74 - 124	6	15
cis-1,3-Dichloropropene	ND		25.0	23.9		ug/L		96	74 - 124	9	15
Ethylbenzene	ND		25.0	25.4		ug/L		102	77 - 123	9	15
Methylene Chloride	ND		25.0	24.4		ug/L		98	57 - 132	10	15
Styrene	ND		25.0	25.2		ug/L		101	70 - 130	7	20
Tetrachloroethene	ND		25.0	27.5		ug/L		110	74 - 122	9	20
Toluene	ND		25.0	25.1		ug/L		100	80 - 122	7	15
trans-1,2-Dichloroethene	ND		25.0	26.6		ug/L		106	73 - 127	7	20
trans-1,3-Dichloropropene	ND		25.0	23.6		ug/L		95	72 - 123	10	15
Trichloroethene	ND		25.0	26.3		ug/L		105	74 - 123	9	16
Vinyl chloride	ND		25.0	24.9		ug/L		100	65 - 133	6	15
Xylenes, Total	ND		75.0	75.9		ug/L		101	76 - 122	7	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*
Toluene-d8 (Surr)	*104*		*71 - 126*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*

Lab Sample ID: MB 480-104885/7
Matrix: Water
Analysis Batch: 104885

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/26/13 11:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/26/13 11:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/26/13 11:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/26/13 11:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/26/13 11:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/26/13 11:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/26/13 11:49	1
2-Hexanone	ND		5.0	1.2	ug/L			02/26/13 11:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/26/13 11:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/26/13 11:49	1
Acetone	ND		10	3.0	ug/L			02/26/13 11:49	1
Benzene	ND		1.0	0.41	ug/L			02/26/13 11:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/26/13 11:49	1
Bromoform	ND		1.0	0.26	ug/L			02/26/13 11:49	1
Bromomethane	ND		1.0	0.69	ug/L			02/26/13 11:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/26/13 11:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/26/13 11:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/26/13 11:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-104885/7
Matrix: Water
Analysis Batch: 104885

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.32	ug/L			02/26/13 11:49	1
Chloroethane	ND		1.0	0.32	ug/L			02/26/13 11:49	1
Chloroform	ND		1.0	0.34	ug/L			02/26/13 11:49	1
Chloromethane	ND		1.0	0.35	ug/L			02/26/13 11:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/26/13 11:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/26/13 11:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/26/13 11:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/26/13 11:49	1
Styrene	ND		1.0	0.73	ug/L			02/26/13 11:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/26/13 11:49	1
Toluene	ND		1.0	0.51	ug/L			02/26/13 11:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/26/13 11:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/26/13 11:49	1
Trichloroethene	ND		1.0	0.46	ug/L			02/26/13 11:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/26/13 11:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/26/13 11:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*02/26/13 11:49*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*		*02/26/13 11:49*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*02/26/13 11:49*	*1*

Lab Sample ID: LCS 480-104885/4
Matrix: Water
Analysis Batch: 104885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.5		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.7		ug/L		91	70 - 126
1,1,2-Trichloroethane	25.0	24.1		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	24.8		ug/L		99	71 - 129
1,1-Dichloroethene	25.0	26.9		ug/L		108	58 - 121
1,2-Dichloroethane	25.0	25.3		ug/L		101	75 - 127
1,2-Dichloropropane	25.0	25.4		ug/L		102	76 - 120
2-Hexanone	125	128		ug/L		102	65 - 127
2-Butanone (MEK)	125	130		ug/L		104	57 - 140
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	153		ug/L		123	56 - 142
Benzene	25.0	25.5		ug/L		102	71 - 124
Bromodichloromethane	25.0	25.6		ug/L		102	80 - 122
Bromoform	25.0	26.3		ug/L		105	66 - 128
Bromomethane	25.0	23.6		ug/L		95	55 - 144
Carbon disulfide	25.0	21.1		ug/L		85	59 - 134
Carbon tetrachloride	25.0	25.1		ug/L		101	72 - 134
Chlorobenzene	25.0	24.2		ug/L		97	72 - 120
Dibromochloromethane	25.0	25.3		ug/L		101	75 - 125
Chloroethane	25.0	23.2		ug/L		93	69 - 136
Chloroform	25.0	25.5		ug/L		102	73 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104885/4
Matrix: Water
Analysis Batch: 104885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	25.0	24.4		ug/L		98	68 - 124
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	74 - 124
Ethylbenzene	25.0	24.3		ug/L		97	77 - 123
Methylene Chloride	25.0	24.1		ug/L		97	57 - 132
Styrene	25.0	24.9		ug/L		100	70 - 130
Tetrachloroethene	25.0	26.4		ug/L		106	74 - 122
Toluene	25.0	24.5		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	27.0		ug/L		108	73 - 127
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	72 - 123
Trichloroethene	25.0	25.4		ug/L		101	74 - 123
Vinyl chloride	25.0	23.5		ug/L		94	65 - 133
Xylenes, Total	75.0	74.8		ug/L		100	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*
Toluene-d8 (Surr)	*105*		*71 - 126*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

GC/MS VOA

Analysis Batch: 104702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33310-1	Trip Blank 022013	Total/NA	Water	8260B	
480-33310-2	TMW-2S 022013	Total/NA	Ground Water	8260B	
480-33310-3	AF-4P 022013	Total/NA	Ground Water	8260B	
480-33310-4	TMW-2D 022013	Total/NA	Ground Water	8260B	
480-33310-5	AF-4S 022013	Total/NA	Ground Water	8260B	
480-33310-10	AF-13S 022013	Total/NA	Ground Water	8260B	
480-33310-11	AF-5S 022013	Total/NA	Ground Water	8260B	
480-33310-12	PMW-4D 022013	Total/NA	Water	8260B	
480-33310-13	AF-25P 022013	Total/NA	Ground Water	8260B	
480-33310-14	ADW-102 022013	Total/NA	Ground Water	8260B	
480-33310-15	AF-6S 022013	Total/NA	Ground Water	8260B	
480-33310-16	OSMW-9S 022013	Total/NA	Ground Water	8260B	
480-33310-17	AF-9S 022013	Total/NA	Ground Water	8260B	
LCS 480-104702/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104702/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 104703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33310-6	AF-19S 022013	Total/NA	Ground Water	8260B	
480-33310-7	AF-19D 022013	Total/NA	Ground Water	8260B	
480-33310-8	PMW-2D 022013	Total/NA	Water	8260B	
480-33310-8 MS	PMW-2D 022013	Total/NA	Water	8260B	
480-33310-8 MSD	PMW-2D 022013	Total/NA	Water	8260B	
480-33310-9	AF-13P 022013	Total/NA	Ground Water	8260B	
LCS 480-104703/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104703/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 104885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33310-14 - DL	ADW-102 022013	Total/NA	Ground Water	8260B	
LCS 480-104885/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104885/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: Trip Blank 022013 — Lab Sample ID: 480-33310-1

Date Collected: 02/20/13 00:00 — **Matrix: Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 16:30	LH	TAL BUF

Client Sample ID: TMW-2S 022013 — Lab Sample ID: 480-33310-2

Date Collected: 02/20/13 08:37 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 16:55	LH	TAL BUF

Client Sample ID: AF-4P 022013 — Lab Sample ID: 480-33310-3

Date Collected: 02/20/13 08:46 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	104702	02/25/13 17:20	LH	TAL BUF

Client Sample ID: TMW-2D 022013 — Lab Sample ID: 480-33310-4

Date Collected: 02/20/13 08:51 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	104702	02/25/13 17:45	LH	TAL BUF

Client Sample ID: AF-4S 022013 — Lab Sample ID: 480-33310-5

Date Collected: 02/20/13 08:58 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 18:10	LH	TAL BUF

Client Sample ID: AF-19S 022013 — Lab Sample ID: 480-33310-6

Date Collected: 02/20/13 09:05 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104703	02/25/13 17:10	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-19D 022013 — Lab Sample ID: 480-33310-7

Date Collected: 02/20/13 09:13 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104703	02/25/13 17:33	LH	TAL BUF

Client Sample ID: PMW-2D 022013 — Lab Sample ID: 480-33310-8

Date Collected: 02/20/13 09:20 — **Matrix: Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104703	02/25/13 17:57	LH	TAL BUF

Client Sample ID: AF-13P 022013 — Lab Sample ID: 480-33310-9

Date Collected: 02/20/13 09:41 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104703	02/25/13 19:09	LH	TAL BUF

Client Sample ID: AF-13S 022013 — Lab Sample ID: 480-33310-10

Date Collected: 02/20/13 09:51 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 18:35	LH	TAL BUF

Client Sample ID: AF-5S 022013 — Lab Sample ID: 480-33310-11

Date Collected: 02/20/13 10:06 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 19:00	LH	TAL BUF

Client Sample ID: PMW-4D 022013 — Lab Sample ID: 480-33310-12

Date Collected: 02/20/13 10:19 — **Matrix: Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 19:25	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-25P 022013

Lab Sample ID: 480-33310-13

Date Collected: 02/20/13 10:28
Matrix: Ground Water
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	104702	02/25/13 19:50	LH	TAL BUF

Client Sample ID: ADW-102 022013

Lab Sample ID: 480-33310-14

Date Collected: 02/20/13 00:00
Matrix: Ground Water
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 20:14	LH	TAL BUF
Total/NA	Analysis	8260B	DL	4	104885	02/26/13 12:21	LH	TAL BUF

Client Sample ID: AF-6S 022013

Lab Sample ID: 480-33310-15

Date Collected: 02/20/13 10:42
Matrix: Ground Water
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 20:39	LH	TAL BUF

Client Sample ID: OSMW-9S 022013

Lab Sample ID: 480-33310-16

Date Collected: 02/20/13 10:49
Matrix: Ground Water
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	104702	02/25/13 21:04	LH	TAL BUF

Client Sample ID: AF-9S 022013

Lab Sample ID: 480-33310-17

Date Collected: 02/20/13 11:10
Matrix: Ground Water
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 21:29	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-33310-1	Trip Blank 022013	Water	02/20/13 00:00	02/21/13 09:00
480-33310-2	TMW-2S 022013	Ground Water	02/20/13 08:37	02/21/13 09:00
480-33310-3	AF-4P 022013	Ground Water	02/20/13 08:46	02/21/13 09:00
480-33310-4	TMW-2D 022013	Ground Water	02/20/13 08:51	02/21/13 09:00
480-33310-5	AF-4S 022013	Ground Water	02/20/13 08:58	02/21/13 09:00
480-33310-6	AF-19S 022013	Ground Water	02/20/13 09:05	02/21/13 09:00
480-33310-7	AF-19D 022013	Ground Water	02/20/13 09:13	02/21/13 09:00
480-33310-8	PMW-2D 022013	Water	02/20/13 09:20	02/21/13 09:00
480-33310-9	AF-13P 022013	Ground Water	02/20/13 09:41	02/21/13 09:00
480-33310-10	AF-13S 022013	Ground Water	02/20/13 09:51	02/21/13 09:00
480-33310-11	AF-5S 022013	Ground Water	02/20/13 10:06	02/21/13 09:00
480-33310-12	PMW-4D 022013	Water	02/20/13 10:19	02/21/13 09:00
480-33310-13	AF-25P 022013	Ground Water	02/20/13 10:28	02/21/13 09:00
480-33310-14	ADW-102 022013	Ground Water	02/20/13 00:00	02/21/13 09:00
480-33310-15	AF-6S 022013	Ground Water	02/20/13 10:42	02/21/13 09:00
480-33310-16	OSMW-9S 022013	Ground Water	02/20/13 10:49	02/21/13 09:00
480-33310-17	AF-9S 022013	Ground Water	02/20/13 11:10	02/21/13 09:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schome
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: 716-691-2600
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@obg.com		
Phone: 513-697-2020		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 50127 262.003	Shipping/Tracking No:		
PO#			

COC No: 59792 — 1 of 2 COCs

Analyses: VOCs (8260B)

Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:			VOCs (8260B)	Sample Specific Notes / Special Instructions:
TripBlank 022013	2/20/13	—		X						2					N	G	X	
TMW-2S 022013		837		X						3					N	G	X	
AF-4P 022013		846		X						3					N	G	X	
TMW-2D 022013		851		X						3					N	G	X	
AF-4S 022013		858		X						3					N	G	X	
AF-19S 022013		905		X						3					N	G	X	
AF-19D 022013		913		X						3					N	G	X	
PMW-2D 022013		920		X						2					N	G	X	
PMW-2D 022013 MS/MSD		920		X						4					N	G	X	
AF-13P 022013		941		X						3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: Analysis per QAPP; Level III Data Package

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	O'Brien & Gere	2/20/13 1425	[signature]	TestAmerica	2/20/13 1425
[signature]	TestAmerica	2/20/13 1425	[signature]	TestAmerica	2/21/13 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

2.8°C

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TAL 0018- 1 (04/10)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schone
Address: 8805 Governors Hill	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: ~~Schone~~ KBS 2/20/13 716-691-2600
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@obg.com		
Phone: 513-697-2020		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 50127 262-003	Shipping/Tracking No:		
PO#			

COC No: 2 of 2 COCs

Analyses: VOCs (8260B)

Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:			VOCs (8260B)	Sample Specific Notes / Special Instructions:
AF-13S 022013	2/20/13	951		X						3					N	G	X	
AF-5S 022013		1006		X						3					N	G	X	
PMW-4D 022013		1019		X						3					N	G	X	
AF-25P 022013		1028		X						3					N	G	X	
ADW-102 022013		—		X						3					N	G	X	
AF-6S 022013		1042		X						3					N	G	X	
OSMW-9S 022013		1049		X						1					N	G	X	PDB Broke during retrieval 1 was collected
AF-9S 022013		1100		X						3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: Analysis Per QAPP; Level III Data Package

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	O'Brien & Gere	2/20/13 14:25	[signature]	TestAmerica	2/20/13 1425
[signature]	TestAmerica	2/20/13 1425	[signature]	[signature]	2/21/13 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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TAL-0018 (1008)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-33310-1

Login Number: 33310
List Number: 1
Creator: Robitaille, Zach L

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Appendix B
QA/QC Results and Data Verificaton

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-31013-1
TestAmerica Sample Delivery Group: 480-31013
Client Project/Site: GE-Evendale - IRM Performance Monitoring

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
1/11/2013 4:31:57 PM

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-31013-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-31013-1

Comments
No additional comments.

Receipt
The samples were received on 1/3/2013 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5º C.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: ADW-100 010213 (480-31013-8), EW-2P 010213 (480-31013-6), EW-3D 010213 (480-31013-9), EW-3D 010213 MS (480-31013-9 MS), EW-3D 010213 MSD (480-31013-9 MSD), EW-4P 010213 (480-31013-4), EW-5P 010213 (480-31013-5), EW-6P 010213 (480-31013-7). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 98323 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: EW-7S 010213 (480-31013-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample (LCS) for batch 98517 exceeded control limits for the following analytes: 2-Butanone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Client Sample ID: TRIP BLANK 010213 — Lab Sample ID: 480-31013-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13		10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: EW-7S 010213 — Lab Sample ID: 480-31013-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.1		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.59	J	1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	94		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride - DL	110		2.0	1.8	ug/L	2		8260B	Total/NA

Client Sample ID: EW-8D 010213 — Lab Sample ID: 480-31013-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.6		1.0	0.38	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	7.5		1.0	0.81	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.7		1.0	0.90	ug/L	1		8260B	Total/NA
Vinyl chloride	12		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: EW-4P 010213 — Lab Sample ID: 480-31013-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	93		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	14		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	1.4	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	5.3		4.0	3.2	ug/L	4		8260B	Total/NA
Trichloroethene	260		4.0	1.8	ug/L	4		8260B	Total/NA

Client Sample ID: EW-5P 010213 — Lab Sample ID: 480-31013-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	120		5.0	4.1	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	15		5.0	1.9	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	4.6	J	5.0	1.5	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	20		5.0	4.1	ug/L	5		8260B	Total/NA
Trichloroethene	260		5.0	2.3	ug/L	5		8260B	Total/NA
Vinyl chloride	11		5.0	4.5	ug/L	5		8260B	Total/NA

Client Sample ID: EW-2P 010213 — Lab Sample ID: 480-31013-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	120		5.0	4.1	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	16		5.0	1.9	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	4.8	J	5.0	1.5	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	18		5.0	4.1	ug/L	5		8260B	Total/NA
Trichloroethene	330		5.0	2.3	ug/L	5		8260B	Total/NA

Client Sample ID: EW-6P 010213 — Lab Sample ID: 480-31013-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	62		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	8.1		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.3	J	4.0	1.2	ug/L	4		8260B	Total/NA

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Client Sample ID: EW-6P 010213 (Continued) — Lab Sample ID: 480-31013-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		4.0	3.2	ug/L	4		8260B	Total/NA
Trichloroethene	180		4.0	1.8	ug/L	4		8260B	Total/NA

Client Sample ID: ADW-100 010213 — Lab Sample ID: 480-31013-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	64		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	8.1		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.4	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	12		4.0	3.2	ug/L	4		8260B	Total/NA
Trichloroethene	190		4.0	1.8	ug/L	4		8260B	Total/NA

Client Sample ID: EW-3D 010213 — Lab Sample ID: 480-31013-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.9	J	4.0	1.6	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	220		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	47		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	270		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	4.8		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Client Sample ID: TRIP BLANK 010213

Lab Sample ID: 480-31013-1

Date Collected: 01/02/13 00:00
Matrix: Water
Date Received: 01/03/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/04/13 18:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/04/13 18:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/04/13 18:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/04/13 18:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/04/13 18:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/04/13 18:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/04/13 18:29	1
2-Hexanone	ND		5.0	1.2	ug/L			01/04/13 18:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/04/13 18:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/04/13 18:29	1
Acetone	**13**		10	3.0	ug/L			01/04/13 18:29	1
Benzene	ND		1.0	0.41	ug/L			01/04/13 18:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/04/13 18:29	1
Bromoform	ND		1.0	0.26	ug/L			01/04/13 18:29	1
Bromomethane	ND		1.0	0.69	ug/L			01/04/13 18:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/04/13 18:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/04/13 18:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/04/13 18:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/04/13 18:29	1
Chloroethane	ND		1.0	0.32	ug/L			01/04/13 18:29	1
Chloroform	ND		1.0	0.34	ug/L			01/04/13 18:29	1
Chloromethane	ND		1.0	0.35	ug/L			01/04/13 18:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/04/13 18:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/04/13 18:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/04/13 18:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/04/13 18:29	1
Styrene	ND		1.0	0.73	ug/L			01/04/13 18:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/04/13 18:29	1
Toluene	ND		1.0	0.51	ug/L			01/04/13 18:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/04/13 18:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/04/13 18:29	1
Trichloroethene	ND		1.0	0.46	ug/L			01/04/13 18:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/04/13 18:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/04/13 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*66 - 137*		*01/04/13 18:29*	*1*
Toluene-d8 (Surr)	*79*		*71 - 126*		*01/04/13 18:29*	*1*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*01/04/13 18:29*	*1*

Client Sample ID: EW-7S 010213

Lab Sample ID: 480-31013-2

Date Collected: 01/02/13 11:00

Matrix: Water

Date Received: 01/03/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/04/13 18:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/04/13 18:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/04/13 18:54	1
1,1-Dichloroethane	**1.1**		1.0	0.38	ug/L			01/04/13 18:54	1
1,1-Dichloroethene	**0.59**	**J**	1.0	0.29	ug/L			01/04/13 18:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/04/13 18:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/04/13 18:54	1
2-Hexanone	ND		5.0	1.2	ug/L			01/04/13 18:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/04/13 18:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/04/13 18:54	1
Acetone	ND		10	3.0	ug/L			01/04/13 18:54	1
Benzene	ND		1.0	0.41	ug/L			01/04/13 18:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/04/13 18:54	1
Bromoform	ND		1.0	0.26	ug/L			01/04/13 18:54	1
Bromomethane	ND		1.0	0.69	ug/L			01/04/13 18:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/04/13 18:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/04/13 18:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/04/13 18:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/04/13 18:54	1
Chloroethane	ND		1.0	0.32	ug/L			01/04/13 18:54	1
Chloroform	ND		1.0	0.34	ug/L			01/04/13 18:54	1
Chloromethane	ND		1.0	0.35	ug/L			01/04/13 18:54	1
cis-1,2-Dichloroethene	**94**		1.0	0.81	ug/L			01/04/13 18:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/04/13 18:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/04/13 18:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/04/13 18:54	1
Styrene	ND		1.0	0.73	ug/L			01/04/13 18:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/04/13 18:54	1
Toluene	ND		1.0	0.51	ug/L			01/04/13 18:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/04/13 18:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/04/13 18:54	1
Trichloroethene	ND		1.0	0.46	ug/L			01/04/13 18:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/04/13 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*77*		*66 - 137*		*01/04/13 18:54*	*1*
Toluene-d8 (Surr)	*77*		*71 - 126*		*01/04/13 18:54*	*1*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*01/04/13 18:54*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	**110**		2.0	1.8	ug/L			01/07/13 14:05	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*77*		*66 - 137*		*01/07/13 14:05*	*2*
Toluene-d8 (Surr)	*80*		*71 - 126*		*01/07/13 14:05*	*2*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*01/07/13 14:05*	*2*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Client Sample ID: EW-8D 010213

Lab Sample ID: 480-31013-3

Date Collected: 01/02/13 11:10
Matrix: Water
Date Received: 01/03/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/04/13 19:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/04/13 19:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/04/13 19:19	1
1,1-Dichloroethane	**1.6**		1.0	0.38	ug/L			01/04/13 19:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/04/13 19:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/04/13 19:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/04/13 19:19	1
2-Hexanone	ND		5.0	1.2	ug/L			01/04/13 19:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/04/13 19:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/04/13 19:19	1
Acetone	ND		10	3.0	ug/L			01/04/13 19:19	1
Benzene	ND		1.0	0.41	ug/L			01/04/13 19:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/04/13 19:19	1
Bromoform	ND		1.0	0.26	ug/L			01/04/13 19:19	1
Bromomethane	ND		1.0	0.69	ug/L			01/04/13 19:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/04/13 19:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/04/13 19:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/04/13 19:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/04/13 19:19	1
Chloroethane	ND		1.0	0.32	ug/L			01/04/13 19:19	1
Chloroform	ND		1.0	0.34	ug/L			01/04/13 19:19	1
Chloromethane	ND		1.0	0.35	ug/L			01/04/13 19:19	1
cis-1,2-Dichloroethene	**7.5**		1.0	0.81	ug/L			01/04/13 19:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/04/13 19:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/04/13 19:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/04/13 19:19	1
Styrene	ND		1.0	0.73	ug/L			01/04/13 19:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/04/13 19:19	1
Toluene	ND		1.0	0.51	ug/L			01/04/13 19:19	1
trans-1,2-Dichloroethene	**3.7**		1.0	0.90	ug/L			01/04/13 19:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/04/13 19:19	1
Trichloroethene	ND		1.0	0.46	ug/L			01/04/13 19:19	1
Vinyl chloride	**12**		1.0	0.90	ug/L			01/04/13 19:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/04/13 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*66 - 137*		*01/04/13 19:19*	*1*
Toluene-d8 (Surr)	*79*		*71 - 126*		*01/04/13 19:19*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*01/04/13 19:19*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Client Sample ID: EW-4P 010213

Lab Sample ID: 480-31013-4

Date Collected: 01/02/13 11:20
Matrix: Water
Date Received: 01/03/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**93**		4.0	3.3	ug/L			01/04/13 19:44	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/04/13 19:44	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/04/13 19:44	4
1,1-Dichloroethane	**14**		4.0	1.5	ug/L			01/04/13 19:44	4
1,1-Dichloroethene	**1.4**	**J**	4.0	1.2	ug/L			01/04/13 19:44	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			01/04/13 19:44	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/04/13 19:44	4
2-Hexanone	ND		20	5.0	ug/L			01/04/13 19:44	4
2-Butanone (MEK)	ND		40	5.3	ug/L			01/04/13 19:44	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/04/13 19:44	4
Acetone	ND		40	12	ug/L			01/04/13 19:44	4
Benzene	ND		4.0	1.6	ug/L			01/04/13 19:44	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/04/13 19:44	4
Bromoform	ND		4.0	1.0	ug/L			01/04/13 19:44	4
Bromomethane	ND		4.0	2.8	ug/L			01/04/13 19:44	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/04/13 19:44	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/04/13 19:44	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/04/13 19:44	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/04/13 19:44	4
Chloroethane	ND		4.0	1.3	ug/L			01/04/13 19:44	4
Chloroform	ND		4.0	1.4	ug/L			01/04/13 19:44	4
Chloromethane	ND		4.0	1.4	ug/L			01/04/13 19:44	4
cis-1,2-Dichloroethene	**5.3**		4.0	3.2	ug/L			01/04/13 19:44	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/04/13 19:44	4
Ethylbenzene	ND		4.0	3.0	ug/L			01/04/13 19:44	4
Methylene Chloride	ND		4.0	1.8	ug/L			01/04/13 19:44	4
Styrene	ND		4.0	2.9	ug/L			01/04/13 19:44	4
Tetrachloroethene	ND		4.0	1.4	ug/L			01/04/13 19:44	4
Toluene	ND		4.0	2.0	ug/L			01/04/13 19:44	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			01/04/13 19:44	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/04/13 19:44	4
Trichloroethene	**260**		4.0	1.8	ug/L			01/04/13 19:44	4
Vinyl chloride	ND		4.0	3.6	ug/L			01/04/13 19:44	4
Xylenes, Total	ND		8.0	2.6	ug/L			01/04/13 19:44	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*66 - 137*		*01/04/13 19:44*	*4*
Toluene-d8 (Surr)	*79*		*71 - 126*		*01/04/13 19:44*	*4*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*01/04/13 19:44*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Client Sample ID: EW-5P 010213

Lab Sample ID: 480-31013-5

Date Collected: 01/02/13 11:30
Matrix: Water
Date Received: 01/03/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**120**		5.0	4.1	ug/L			01/04/13 20:09	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			01/04/13 20:09	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			01/04/13 20:09	5
1,1-Dichloroethane	**15**		5.0	1.9	ug/L			01/04/13 20:09	5
1,1-Dichloroethene	**4.6**	**J**	5.0	1.5	ug/L			01/04/13 20:09	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			01/04/13 20:09	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			01/04/13 20:09	5
2-Hexanone	ND		25	6.2	ug/L			01/04/13 20:09	5
2-Butanone (MEK)	ND		50	6.6	ug/L			01/04/13 20:09	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			01/04/13 20:09	5
Acetone	ND		50	15	ug/L			01/04/13 20:09	5
Benzene	ND		5.0	2.1	ug/L			01/04/13 20:09	5
Bromodichloromethane	ND		5.0	2.0	ug/L			01/04/13 20:09	5
Bromoform	ND		5.0	1.3	ug/L			01/04/13 20:09	5
Bromomethane	ND		5.0	3.5	ug/L			01/04/13 20:09	5
Carbon disulfide	ND		5.0	0.95	ug/L			01/04/13 20:09	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			01/04/13 20:09	5
Chlorobenzene	ND		5.0	3.8	ug/L			01/04/13 20:09	5
Dibromochloromethane	ND		5.0	1.6	ug/L			01/04/13 20:09	5
Chloroethane	ND		5.0	1.6	ug/L			01/04/13 20:09	5
Chloroform	ND		5.0	1.7	ug/L			01/04/13 20:09	5
Chloromethane	ND		5.0	1.8	ug/L			01/04/13 20:09	5
cis-1,2-Dichloroethene	**20**		5.0	4.1	ug/L			01/04/13 20:09	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			01/04/13 20:09	5
Ethylbenzene	ND		5.0	3.7	ug/L			01/04/13 20:09	5
Methylene Chloride	ND		5.0	2.2	ug/L			01/04/13 20:09	5
Styrene	ND		5.0	3.7	ug/L			01/04/13 20:09	5
Tetrachloroethene	ND		5.0	1.8	ug/L			01/04/13 20:09	5
Toluene	ND		5.0	2.6	ug/L			01/04/13 20:09	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			01/04/13 20:09	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			01/04/13 20:09	5
Trichloroethene	**260**		5.0	2.3	ug/L			01/04/13 20:09	5
Vinyl chloride	**11**		5.0	4.5	ug/L			01/04/13 20:09	5
Xylenes, Total	ND		10	3.3	ug/L			01/04/13 20:09	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*76*		*66 - 137*		*01/04/13 20:09*	*5*
Toluene-d8 (Surr)	*77*		*71 - 126*		*01/04/13 20:09*	*5*
4-Bromofluorobenzene (Surr)	*80*		*73 - 120*		*01/04/13 20:09*	*5*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Client Sample ID: EW-2P 010213

Lab Sample ID: 480-31013-6

Date Collected: 01/02/13 11:40
Matrix: Water
Date Received: 01/03/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**120**		5.0	4.1	ug/L			01/04/13 20:33	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			01/04/13 20:33	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			01/04/13 20:33	5
1,1-Dichloroethane	**16**		5.0	1.9	ug/L			01/04/13 20:33	5
1,1-Dichloroethene	**4.8**	**J**	5.0	1.5	ug/L			01/04/13 20:33	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			01/04/13 20:33	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			01/04/13 20:33	5
2-Hexanone	ND		25	6.2	ug/L			01/04/13 20:33	5
2-Butanone (MEK)	ND		50	6.6	ug/L			01/04/13 20:33	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			01/04/13 20:33	5
Acetone	ND		50	15	ug/L			01/04/13 20:33	5
Benzene	ND		5.0	2.1	ug/L			01/04/13 20:33	5
Bromodichloromethane	ND		5.0	2.0	ug/L			01/04/13 20:33	5
Bromoform	ND		5.0	1.3	ug/L			01/04/13 20:33	5
Bromomethane	ND		5.0	3.5	ug/L			01/04/13 20:33	5
Carbon disulfide	ND		5.0	0.95	ug/L			01/04/13 20:33	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			01/04/13 20:33	5
Chlorobenzene	ND		5.0	3.8	ug/L			01/04/13 20:33	5
Dibromochloromethane	ND		5.0	1.6	ug/L			01/04/13 20:33	5
Chloroethane	ND		5.0	1.6	ug/L			01/04/13 20:33	5
Chloroform	ND		5.0	1.7	ug/L			01/04/13 20:33	5
Chloromethane	ND		5.0	1.8	ug/L			01/04/13 20:33	5
cis-1,2-Dichloroethene	**18**		5.0	4.1	ug/L			01/04/13 20:33	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			01/04/13 20:33	5
Ethylbenzene	ND		5.0	3.7	ug/L			01/04/13 20:33	5
Methylene Chloride	ND		5.0	2.2	ug/L			01/04/13 20:33	5
Styrene	ND		5.0	3.7	ug/L			01/04/13 20:33	5
Tetrachloroethene	ND		5.0	1.8	ug/L			01/04/13 20:33	5
Toluene	ND		5.0	2.6	ug/L			01/04/13 20:33	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			01/04/13 20:33	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			01/04/13 20:33	5
Trichloroethene	**330**		5.0	2.3	ug/L			01/04/13 20:33	5
Vinyl chloride	ND		5.0	4.5	ug/L			01/04/13 20:33	5
Xylenes, Total	ND		10	3.3	ug/L			01/04/13 20:33	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*66 - 137*		*01/04/13 20:33*	*5*
Toluene-d8 (Surr)	*79*		*71 - 126*		*01/04/13 20:33*	*5*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*01/04/13 20:33*	*5*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Client Sample ID: EW-6P 010213

Lab Sample ID: 480-31013-7

Date Collected: 01/02/13 11:50
Matrix: Water
Date Received: 01/03/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**62**		4.0	3.3	ug/L			01/04/13 20:59	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/04/13 20:59	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/04/13 20:59	4
1,1-Dichloroethane	**8.1**		4.0	1.5	ug/L			01/04/13 20:59	4
1,1-Dichloroethene	**2.3**	**J**	4.0	1.2	ug/L			01/04/13 20:59	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			01/04/13 20:59	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/04/13 20:59	4
2-Hexanone	ND		20	5.0	ug/L			01/04/13 20:59	4
2-Butanone (MEK)	ND		40	5.3	ug/L			01/04/13 20:59	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/04/13 20:59	4
Acetone	ND		40	12	ug/L			01/04/13 20:59	4
Benzene	ND		4.0	1.6	ug/L			01/04/13 20:59	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/04/13 20:59	4
Bromoform	ND		4.0	1.0	ug/L			01/04/13 20:59	4
Bromomethane	ND		4.0	2.8	ug/L			01/04/13 20:59	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/04/13 20:59	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/04/13 20:59	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/04/13 20:59	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/04/13 20:59	4
Chloroethane	ND		4.0	1.3	ug/L			01/04/13 20:59	4
Chloroform	ND		4.0	1.4	ug/L			01/04/13 20:59	4
Chloromethane	ND		4.0	1.4	ug/L			01/04/13 20:59	4
cis-1,2-Dichloroethene	**12**		4.0	3.2	ug/L			01/04/13 20:59	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/04/13 20:59	4
Ethylbenzene	ND		4.0	3.0	ug/L			01/04/13 20:59	4
Methylene Chloride	ND		4.0	1.8	ug/L			01/04/13 20:59	4
Styrene	ND		4.0	2.9	ug/L			01/04/13 20:59	4
Tetrachloroethene	ND		4.0	1.4	ug/L			01/04/13 20:59	4
Toluene	ND		4.0	2.0	ug/L			01/04/13 20:59	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			01/04/13 20:59	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/04/13 20:59	4
Trichloroethene	**180**		4.0	1.8	ug/L			01/04/13 20:59	4
Vinyl chloride	ND		4.0	3.6	ug/L			01/04/13 20:59	4
Xylenes, Total	ND		8.0	2.6	ug/L			01/04/13 20:59	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*66 - 137*		*01/04/13 20:59*	*4*
Toluene-d8 (Surr)	*79*		*71 - 126*		*01/04/13 20:59*	*4*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*01/04/13 20:59*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Client Sample ID: ADW-100 010213

Lab Sample ID: 480-31013-8

Date Collected: 01/02/13 12:00
Matrix: Water
Date Received: 01/03/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**64**		4.0	3.3	ug/L			01/04/13 21:24	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/04/13 21:24	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/04/13 21:24	4
1,1-Dichloroethane	**8.1**		4.0	1.5	ug/L			01/04/13 21:24	4
1,1-Dichloroethene	**2.4**	**J**	4.0	1.2	ug/L			01/04/13 21:24	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			01/04/13 21:24	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/04/13 21:24	4
2-Hexanone	ND		20	5.0	ug/L			01/04/13 21:24	4
2-Butanone (MEK)	ND		40	5.3	ug/L			01/04/13 21:24	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/04/13 21:24	4
Acetone	ND		40	12	ug/L			01/04/13 21:24	4
Benzene	ND		4.0	1.6	ug/L			01/04/13 21:24	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/04/13 21:24	4
Bromoform	ND		4.0	1.0	ug/L			01/04/13 21:24	4
Bromomethane	ND		4.0	2.8	ug/L			01/04/13 21:24	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/04/13 21:24	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/04/13 21:24	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/04/13 21:24	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/04/13 21:24	4
Chloroethane	ND		4.0	1.3	ug/L			01/04/13 21:24	4
Chloroform	ND		4.0	1.4	ug/L			01/04/13 21:24	4
Chloromethane	ND		4.0	1.4	ug/L			01/04/13 21:24	4
cis-1,2-Dichloroethene	**12**		4.0	3.2	ug/L			01/04/13 21:24	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/04/13 21:24	4
Ethylbenzene	ND		4.0	3.0	ug/L			01/04/13 21:24	4
Methylene Chloride	ND		4.0	1.8	ug/L			01/04/13 21:24	4
Styrene	ND		4.0	2.9	ug/L			01/04/13 21:24	4
Tetrachloroethene	ND		4.0	1.4	ug/L			01/04/13 21:24	4
Toluene	ND		4.0	2.0	ug/L			01/04/13 21:24	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			01/04/13 21:24	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/04/13 21:24	4
Trichloroethene	**190**		4.0	1.8	ug/L			01/04/13 21:24	4
Vinyl chloride	ND		4.0	3.6	ug/L			01/04/13 21:24	4
Xylenes, Total	ND		8.0	2.6	ug/L			01/04/13 21:24	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*66 - 137*		*01/04/13 21:24*	*4*
Toluene-d8 (Surr)	*77*		*71 - 126*		*01/04/13 21:24*	*4*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*01/04/13 21:24*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Client Sample ID: EW-3D 010213

Date Collected: 01/02/13 12:10
Date Received: 01/03/13 09:30

Lab Sample ID: 480-31013-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			01/04/13 21:49	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/04/13 21:49	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/04/13 21:49	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			01/04/13 21:49	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			01/04/13 21:49	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			01/04/13 21:49	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/04/13 21:49	4
2-Hexanone	ND		20	5.0	ug/L			01/04/13 21:49	4
2-Butanone (MEK)	ND		40	5.3	ug/L			01/04/13 21:49	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/04/13 21:49	4
Acetone	ND		40	12	ug/L			01/04/13 21:49	4
Benzene	**1.9**	**J**	4.0	1.6	ug/L			01/04/13 21:49	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/04/13 21:49	4
Bromoform	ND		4.0	1.0	ug/L			01/04/13 21:49	4
Bromomethane	ND		4.0	2.8	ug/L			01/04/13 21:49	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/04/13 21:49	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/04/13 21:49	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/04/13 21:49	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/04/13 21:49	4
Chloroethane	ND		4.0	1.3	ug/L			01/04/13 21:49	4
Chloroform	ND		4.0	1.4	ug/L			01/04/13 21:49	4
Chloromethane	ND		4.0	1.4	ug/L			01/04/13 21:49	4
cis-1,2-Dichloroethene	**220**		4.0	3.2	ug/L			01/04/13 21:49	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/04/13 21:49	4
Ethylbenzene	ND		4.0	3.0	ug/L			01/04/13 21:49	4
Methylene Chloride	ND		4.0	1.8	ug/L			01/04/13 21:49	4
Styrene	ND		4.0	2.9	ug/L			01/04/13 21:49	4
Tetrachloroethene	ND		4.0	1.4	ug/L			01/04/13 21:49	4
Toluene	ND		4.0	2.0	ug/L			01/04/13 21:49	4
trans-1,2-Dichloroethene	**47**		4.0	3.6	ug/L			01/04/13 21:49	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/04/13 21:49	4
Trichloroethene	**270**		4.0	1.8	ug/L			01/04/13 21:49	4
Vinyl chloride	**4.8**		4.0	3.6	ug/L			01/04/13 21:49	4
Xylenes, Total	ND		8.0	2.6	ug/L			01/04/13 21:49	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*77*		*66 - 137*		*01/04/13 21:49*	*4*
Toluene-d8 (Surr)	*77*		*71 - 126*		*01/04/13 21:49*	*4*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*01/04/13 21:49*	*4*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-31013-1	TRIP BLANK 010213	78	79	85
480-31013-2	EW-7S 010213	77	77	82
480-31013-2 - DL	EW-7S 010213	77	80	90
480-31013-3	EW-8D 010213	79	79	84
480-31013-4	EW-4P 010213	79	79	83
480-31013-5	EW-5P 010213	76	77	80
480-31013-6	EW-2P 010213	78	79	84
480-31013-7	EW-6P 010213	78	79	84
480-31013-8	ADW-100 010213	79	77	83
480-31013-9	EW-3D 010213	77	77	82
480-31013-9 MS	EW-3D 010213	80	80	86
480-31013-9 MSD	EW-3D 010213	78	79	84
LCS 480-98323/4	Lab Control Sample	77	77	84
LCS 480-98517/4	Lab Control Sample	77	80	92
MB 480-98323/7	Method Blank	79	79	84
MB 480-98517/7	Method Blank	73	77	87

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-98323/7
Matrix: Water
Analysis Batch: 98323

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/04/13 13:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/04/13 13:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/04/13 13:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/04/13 13:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/04/13 13:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/04/13 13:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/04/13 13:37	1
2-Hexanone	ND		5.0	1.2	ug/L			01/04/13 13:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/04/13 13:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/04/13 13:37	1
Acetone	ND		10	3.0	ug/L			01/04/13 13:37	1
Benzene	ND		1.0	0.41	ug/L			01/04/13 13:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/04/13 13:37	1
Bromoform	ND		1.0	0.26	ug/L			01/04/13 13:37	1
Bromomethane	ND		1.0	0.69	ug/L			01/04/13 13:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/04/13 13:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/04/13 13:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/04/13 13:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/04/13 13:37	1
Chloroethane	ND		1.0	0.32	ug/L			01/04/13 13:37	1
Chloroform	ND		1.0	0.34	ug/L			01/04/13 13:37	1
Chloromethane	ND		1.0	0.35	ug/L			01/04/13 13:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/04/13 13:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/04/13 13:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/04/13 13:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/04/13 13:37	1
Styrene	ND		1.0	0.73	ug/L			01/04/13 13:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/04/13 13:37	1
Toluene	ND		1.0	0.51	ug/L			01/04/13 13:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/04/13 13:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/04/13 13:37	1
Trichloroethene	ND		1.0	0.46	ug/L			01/04/13 13:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/04/13 13:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/04/13 13:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*66 - 137*		*01/04/13 13:37*	*1*
Toluene-d8 (Surr)	*79*		*71 - 126*		*01/04/13 13:37*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*01/04/13 13:37*	*1*

Lab Sample ID: LCS 480-98323/4
Matrix: Water
Analysis Batch: 98323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.0		ug/L		88	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.7		ug/L		87	70 - 126
1,1,2-Trichloroethane	25.0	21.3		ug/L		85	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-98323/4
Matrix: Water
Analysis Batch: 98323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	24.3		ug/L		97	71 - 129
1,1-Dichloroethene	25.0	23.6		ug/L		94	58 - 121
1,2-Dichloroethane	25.0	21.2		ug/L		85	75 - 127
1,2-Dichloropropane	25.0	23.9		ug/L		96	76 - 120
2-Hexanone	125	101		ug/L		81	65 - 127
2-Butanone (MEK)	125	161		ug/L		129	57 - 140
4-Methyl-2-pentanone (MIBK)	125	103		ug/L		83	71 - 125
Acetone	125	107		ug/L		86	56 - 142
Benzene	25.0	24.0		ug/L		96	71 - 124
Bromodichloromethane	25.0	21.8		ug/L		87	80 - 122
Bromoform	25.0	19.2		ug/L		77	66 - 128
Bromomethane	25.0	22.6		ug/L		90	55 - 144
Carbon disulfide	25.0	25.9		ug/L		104	59 - 134
Carbon tetrachloride	25.0	21.2		ug/L		85	72 - 134
Chlorobenzene	25.0	21.0		ug/L		84	72 - 120
Dibromochloromethane	25.0	19.5		ug/L		78	75 - 125
Chloroethane	25.0	25.4		ug/L		102	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	23.4		ug/L		94	68 - 124
cis-1,2-Dichloroethene	25.0	22.7		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	21.9		ug/L		87	74 - 124
Ethylbenzene	25.0	21.1		ug/L		84	77 - 123
Methylene Chloride	25.0	23.1		ug/L		92	57 - 132
Styrene	25.0	20.0		ug/L		80	70 - 130
Tetrachloroethene	25.0	22.5		ug/L		90	74 - 122
Toluene	25.0	21.5		ug/L		86	80 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127
trans-1,3-Dichloropropene	25.0	21.1		ug/L		84	72 - 123
Trichloroethene	25.0	23.1		ug/L		92	74 - 123
Vinyl chloride	25.0	26.1		ug/L		104	65 - 133
Xylenes, Total	75.0	63.1		ug/L		84	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*77*		*66 - 137*
Toluene-d8 (Surr)	*77*		*71 - 126*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*

Lab Sample ID: 480-31013-9 MS
Matrix: Water
Analysis Batch: 98323

Client Sample ID: EW-3D 010213
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		100	98.0		ug/L		98	73 - 126
1,1,2,2-Tetrachloroethane	ND		100	94.5		ug/L		95	70 - 126
1,1,2-Trichloroethane	ND		100	93.6		ug/L		94	76 - 122
1,1-Dichloroethane	ND		100	111		ug/L		111	71 - 129
1,1-Dichloroethene	ND		100	105		ug/L		105	58 - 121
1,2-Dichloroethane	ND		100	94.4		ug/L		94	75 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-31013-9 MS
Matrix: Water
Analysis Batch: 98323

Client Sample ID: EW-3D 010213
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	ND		100	107		ug/L		107	76 - 120
2-Hexanone	ND		500	449		ug/L		90	65 - 127
2-Butanone (MEK)	ND		500	697		ug/L		139	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		500	464		ug/L		93	71 - 125
Acetone	ND		500	469		ug/L		94	56 - 142
Benzene	1.9	J	100	109		ug/L		107	71 - 124
Bromodichloromethane	ND		100	96.7		ug/L		97	80 - 122
Bromoform	ND		100	84.8		ug/L		85	66 - 128
Bromomethane	ND		100	103		ug/L		103	55 - 144
Carbon disulfide	ND		100	116		ug/L		116	59 - 134
Carbon tetrachloride	ND		100	96.0		ug/L		96	72 - 134
Chlorobenzene	ND		100	92.9		ug/L		93	72 - 120
Dibromochloromethane	ND		100	87.0		ug/L		87	75 - 125
Chloroethane	ND		100	115		ug/L		115	69 - 136
Chloroform	ND		100	102		ug/L		102	73 - 127
Chloromethane	ND		100	108		ug/L		108	68 - 124
cis-1,2-Dichloroethene	220		100	298		ug/L		80	74 - 124
cis-1,3-Dichloropropene	ND		100	94.3		ug/L		94	74 - 124
Ethylbenzene	ND		100	93.5		ug/L		94	77 - 123
Methylene Chloride	ND		100	104		ug/L		104	57 - 132
Styrene	ND		100	87.9		ug/L		88	70 - 130
Tetrachloroethene	ND		100	96.3		ug/L		96	74 - 122
Toluene	ND		100	94.8		ug/L		95	80 - 122
trans-1,2-Dichloroethene	47		100	148		ug/L		100	73 - 127
trans-1,3-Dichloropropene	ND		100	89.7		ug/L		90	72 - 123
Trichloroethene	270		100	348	F	ug/L		73	74 - 123
Vinyl chloride	4.8		100	123		ug/L		118	65 - 133
Xylenes, Total	ND		300	280		ug/L		93	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*66 - 137*
Toluene-d8 (Surr)	*80*		*71 - 126*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*

Lab Sample ID: 480-31013-9 MSD
Matrix: Water
Analysis Batch: 98323

Client Sample ID: EW-3D 010213
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		100	96.1		ug/L		96	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		100	95.5		ug/L		96	70 - 126	1	15
1,1,2-Trichloroethane	ND		100	91.0		ug/L		91	76 - 122	3	15
1,1-Dichloroethane	ND		100	107		ug/L		107	71 - 129	4	20
1,1-Dichloroethene	ND		100	104		ug/L		104	58 - 121	1	16
1,2-Dichloroethane	ND		100	91.4		ug/L		91	75 - 127	3	20
1,2-Dichloropropane	ND		100	106		ug/L		106	76 - 120	1	20
2-Hexanone	ND		500	444		ug/L		89	65 - 127	1	15
2-Butanone (MEK)	ND		500	692		ug/L		138	57 - 140	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-31013-9 MSD
Matrix: Water
Analysis Batch: 98323

Client Sample ID: EW-3D 010213
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	ND		500	457		ug/L		91	71 - 125	1	35
Acetone	ND		500	476		ug/L		95	56 - 142	2	15
Benzene	1.9	J	100	106		ug/L		105	71 - 124	3	13
Bromodichloromethane	ND		100	95.1		ug/L		95	80 - 122	2	15
Bromoform	ND		100	83.5		ug/L		84	66 - 128	1	15
Bromomethane	ND		100	100		ug/L		100	55 - 144	3	15
Carbon disulfide	ND		100	114		ug/L		114	59 - 134	2	15
Carbon tetrachloride	ND		100	95.1		ug/L		95	72 - 134	1	15
Chlorobenzene	ND		100	90.2		ug/L		90	72 - 120	3	25
Dibromochloromethane	ND		100	84.7		ug/L		85	75 - 125	3	15
Chloroethane	ND		100	111		ug/L		111	69 - 136	3	15
Chloroform	ND		100	99.0		ug/L		99	73 - 127	3	20
Chloromethane	ND		100	102		ug/L		102	68 - 124	5	15
cis-1,2-Dichloroethene	220		100	292	F	ug/L		73	74 - 124	2	15
cis-1,3-Dichloropropene	ND		100	92.6		ug/L		93	74 - 124	2	15
Ethylbenzene	ND		100	90.1		ug/L		90	77 - 123	4	15
Methylene Chloride	ND		100	102		ug/L		102	57 - 132	2	15
Styrene	ND		100	85.4		ug/L		85	70 - 130	3	20
Tetrachloroethene	ND		100	90.7		ug/L		91	74 - 122	6	20
Toluene	ND		100	91.2		ug/L		91	80 - 122	4	15
trans-1,2-Dichloroethene	47		100	142		ug/L		95	73 - 127	4	20
trans-1,3-Dichloropropene	ND		100	87.9		ug/L		88	72 - 123	2	15
Trichloroethene	270		100	335	F	ug/L		60	74 - 123	4	16
Vinyl chloride	4.8		100	118		ug/L		114	65 - 133	4	15
Xylenes, Total	ND		300	271		ug/L		90	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*78*		*66 - 137*
Toluene-d8 (Surr)	*79*		*71 - 126*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*

Lab Sample ID: MB 480-98517/7
Matrix: Water
Analysis Batch: 98517

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/07/13 13:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/07/13 13:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/07/13 13:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/07/13 13:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/07/13 13:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/07/13 13:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/07/13 13:26	1
2-Hexanone	ND		5.0	1.2	ug/L			01/07/13 13:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/07/13 13:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/07/13 13:26	1
Acetone	ND		10	3.0	ug/L			01/07/13 13:26	1
Benzene	ND		1.0	0.41	ug/L			01/07/13 13:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-98517/7
Matrix: Water
Analysis Batch: 98517

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			01/07/13 13:26	1
Bromoform	ND		1.0	0.26	ug/L			01/07/13 13:26	1
Bromomethane	ND		1.0	0.69	ug/L			01/07/13 13:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/07/13 13:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/07/13 13:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/07/13 13:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/07/13 13:26	1
Chloroethane	ND		1.0	0.32	ug/L			01/07/13 13:26	1
Chloroform	ND		1.0	0.34	ug/L			01/07/13 13:26	1
Chloromethane	ND		1.0	0.35	ug/L			01/07/13 13:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/07/13 13:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/07/13 13:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/07/13 13:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/07/13 13:26	1
Styrene	ND		1.0	0.73	ug/L			01/07/13 13:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/07/13 13:26	1
Toluene	ND		1.0	0.51	ug/L			01/07/13 13:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/07/13 13:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/07/13 13:26	1
Trichloroethene	ND		1.0	0.46	ug/L			01/07/13 13:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/07/13 13:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/07/13 13:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*73*		*66 - 137*		*01/07/13 13:26*	*1*
Toluene-d8 (Surr)	*77*		*71 - 126*		*01/07/13 13:26*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*01/07/13 13:26*	*1*

Lab Sample ID: LCS 480-98517/4
Matrix: Water
Analysis Batch: 98517

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.6		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.1		ug/L		92	70 - 126
1,1,2-Trichloroethane	25.0	22.5		ug/L		90	76 - 122
1,1-Dichloroethane	25.0	26.8		ug/L		107	71 - 129
1,1-Dichloroethene	25.0	26.7		ug/L		107	58 - 121
1,2-Dichloroethane	25.0	23.2		ug/L		93	75 - 127
1,2-Dichloropropane	25.0	26.4		ug/L		106	76 - 120
2-Hexanone	125	110		ug/L		88	65 - 127
2-Butanone (MEK)	125	176	*	ug/L		141	57 - 140
4-Methyl-2-pentanone (MIBK)	125	114		ug/L		91	71 - 125
Acetone	125	117		ug/L		93	56 - 142
Benzene	25.0	26.7		ug/L		107	71 - 124
Bromodichloromethane	25.0	24.2		ug/L		97	80 - 122
Bromoform	25.0	21.0		ug/L		84	66 - 128
Bromomethane	25.0	24.9		ug/L		99	55 - 144

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-98517/4
Matrix: Water
Analysis Batch: 98517

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	25.0	30.1		ug/L		120	59 - 134
Carbon tetrachloride	25.0	24.2		ug/L		97	72 - 134
Chlorobenzene	25.0	22.9		ug/L		92	72 - 120
Dibromochloromethane	25.0	21.5		ug/L		86	75 - 125
Chloroethane	25.0	28.3		ug/L		113	69 - 136
Chloroform	25.0	25.1		ug/L		100	73 - 127
Chloromethane	25.0	25.4		ug/L		102	68 - 124
cis-1,2-Dichloroethene	25.0	25.4		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	24.7		ug/L		99	74 - 124
Ethylbenzene	25.0	22.8		ug/L		91	77 - 123
Methylene Chloride	25.0	25.2		ug/L		101	57 - 132
Styrene	25.0	21.8		ug/L		87	70 - 130
Tetrachloroethene	25.0	24.1		ug/L		97	74 - 122
Toluene	25.0	23.2		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	25.9		ug/L		104	73 - 127
trans-1,3-Dichloropropene	25.0	23.4		ug/L		94	72 - 123
Trichloroethene	25.0	25.7		ug/L		103	74 - 123
Vinyl chloride	25.0	28.6		ug/L		115	65 - 133
Xylenes, Total	75.0	68.5		ug/L		91	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*77*		*66 - 137*
Toluene-d8 (Surr)	*80*		*71 - 126*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

GC/MS VOA

Analysis Batch: 98323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-31013-1	TRIP BLANK 010213	Total/NA	Water	8260B	
480-31013-2	EW-7S 010213	Total/NA	Water	8260B	
480-31013-3	EW-8D 010213	Total/NA	Water	8260B	
480-31013-4	EW-4P 010213	Total/NA	Water	8260B	
480-31013-5	EW-5P 010213	Total/NA	Water	8260B	
480-31013-6	EW-2P 010213	Total/NA	Water	8260B	
480-31013-7	EW-6P 010213	Total/NA	Water	8260B	
480-31013-8	ADW-100 010213	Total/NA	Water	8260B	
480-31013-9	EW-3D 010213	Total/NA	Water	8260B	
480-31013-9 MS	EW-3D 010213	Total/NA	Water	8260B	
480-31013-9 MSD	EW-3D 010213	Total/NA	Water	8260B	
LCS 480-98323/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-98323/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 98517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-31013-2 - DL	EW-7S 010213	Total/NA	Water	8260B	
LCS 480-98517/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-98517/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Client Sample ID: TRIP BLANK 010213 — Lab Sample ID: 480-31013-1

Date Collected: 01/02/13 00:00 — **Matrix: Water**
Date Received: 01/03/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	98323	01/04/13 18:29	LH	TAL BUF

Client Sample ID: EW-7S 010213 — Lab Sample ID: 480-31013-2

Date Collected: 01/02/13 11:00 — **Matrix: Water**
Date Received: 01/03/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	98323	01/04/13 18:54	LH	TAL BUF
Total/NA	Analysis	8260B	DL	2	98517	01/07/13 14:05	LH	TAL BUF

Client Sample ID: EW-8D 010213 — Lab Sample ID: 480-31013-3

Date Collected: 01/02/13 11:10 — **Matrix: Water**
Date Received: 01/03/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	98323	01/04/13 19:19	LH	TAL BUF

Client Sample ID: EW-4P 010213 — Lab Sample ID: 480-31013-4

Date Collected: 01/02/13 11:20 — **Matrix: Water**
Date Received: 01/03/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	98323	01/04/13 19:44	LH	TAL BUF

Client Sample ID: EW-5P 010213 — Lab Sample ID: 480-31013-5

Date Collected: 01/02/13 11:30 — **Matrix: Water**
Date Received: 01/03/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	98323	01/04/13 20:09	LH	TAL BUF

Client Sample ID: EW-2P 010213 — Lab Sample ID: 480-31013-6

Date Collected: 01/02/13 11:40 — **Matrix: Water**
Date Received: 01/03/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	98323	01/04/13 20:33	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Client Sample ID: EW-6P 010213

Lab Sample ID: 480-31013-7

Date Collected: 01/02/13 11:50
Matrix: Water
Date Received: 01/03/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	98323	01/04/13 20:59	LH	TAL BUF

Client Sample ID: ADW-100 010213

Lab Sample ID: 480-31013-8

Date Collected: 01/02/13 12:00
Matrix: Water
Date Received: 01/03/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	98323	01/04/13 21:24	LH	TAL BUF

Client Sample ID: EW-3D 010213

Lab Sample ID: 480-31013-9

Date Collected: 01/02/13 12:10
Matrix: Water
Date Received: 01/03/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	98323	01/04/13 21:49	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE-Evendale - IRM Performance Monitoring

TestAmerica Job ID: 480-31013-1
SDG: 480-31013

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-31013-1	TRIP BLANK 010213	Water	01/02/13 00:00	01/03/13 09:30
480-31013-2	EW-7S 010213	Water	01/02/13 11:00	01/03/13 09:30
480-31013-3	EW-8D 010213	Water	01/02/13 11:10	01/03/13 09:30
480-31013-4	EW-4P 010213	Water	01/02/13 11:20	01/03/13 09:30
480-31013-5	EW-5P 010213	Water	01/02/13 11:30	01/03/13 09:30
480-31013-6	EW-2P 010213	Water	01/02/13 11:40	01/03/13 09:30
480-31013-7	EW-6P 010213	Water	01/02/13 11:50	01/03/13 09:30
480-31013-8	ADW-100 010213	Water	01/02/13 12:00	01/03/13 09:30
480-31013-9	EW-3D 010213	Water	01/02/13 12:10	01/03/13 09:30

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien + Gere	Client Project Manager: Tony Finch	Site Contact: Mike McLaughlin	Lab Contact: John Shove
Address: 8805 Governor's Hill Dr, Suite 164	Telephone: 248-477-5701	Telephone: 513-319-3860	Telephone: 716-504-9838
City/State/Zip: Cincinnati, OH 45042	Email: Anthony.Finch@obg.com		
Phone: 513-697-2020		TAT if different from below: ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 48566	Shipping/Tracking No:		
PO# 112/0086			

COC No: 1 of 1 COCs

Analyses: VOC's (8260B)

Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:			VOC's (8260B)	Sample Specific Notes / Special Instructions:
Trip Blank 010213	1-2-13	—		2						X					N	G	X	
EW-7S 010213	↓	1100		3						X					N	G	X	
EW-8D 010213		1110		3						X					N	G	X	
EW-4P 010213		1120		3						X					N	G	X	
EW-5P 010213		1130		3						X					N	G	X	
EW-2P 010213		1140		3						X					N	G	X	
EW-6P 010213		1150		3						X					N	G	X	
ADW-100 010213		1200		3						X					N	G	X	
EW-3D 010213 (MS/MSD)	↓	1210		9						X					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Analyze per QAPP; Level III data package

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	O'Brien + Gere	1/2/13 / 12:30	[signature]	TestAmerica	1/2/13 / 12:30
[signature]	TestAmerica	1/2/13 / 12:35	[signature]	[signature]	1/3/13 0930
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

315 #3

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TAL-0018 (1008)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-31013-1
SDG Number: 480-31013

Login Number: 31013
List Number: 1
Creator: Robitaille, Zach L

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-31262-1
TestAmerica Sample Delivery Group: 480-31262
Client Project/Site: GE - IRM Project

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
1/17/2013 4:20:13 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Job ID: 480-31262-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-31262-1

Comments
No additional comments.

Receipt
The samples were received on 1/9/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4º C.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: PMW-3D 010813 (480-31262-3), PMW-3S 010813 (480-31262-2). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Client Sample ID: Trip Blank 010813 — Lab Sample ID: 480-31262-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	17		10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: PMW-3S 010813 — Lab Sample ID: 480-31262-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	14		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	55		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	1.6	J	2.0	0.58	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	98		2.0	1.6	ug/L	2		8260B	Total/NA
Trichloroethene	8.7		2.0	0.92	ug/L	2		8260B	Total/NA
Vinyl chloride	39		2.0	1.8	ug/L	2		8260B	Total/NA

Client Sample ID: PMW-3D 010813 — Lab Sample ID: 480-31262-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	45		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	29		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.5	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	68		4.0	3.2	ug/L	4		8260B	Total/NA
Trichloroethene	22		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	190		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Client Sample ID: Trip Blank 010813

Lab Sample ID: 480-31262-1

Date Collected: 01/08/13 00:00
Matrix: Water
Date Received: 01/09/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/11/13 14:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/11/13 14:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/11/13 14:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/11/13 14:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/11/13 14:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/11/13 14:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/11/13 14:26	1
2-Hexanone	ND		5.0	1.2	ug/L			01/11/13 14:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/11/13 14:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/11/13 14:26	1
Acetone	**17**		10	3.0	ug/L			01/11/13 14:26	1
Benzene	ND		1.0	0.41	ug/L			01/11/13 14:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/11/13 14:26	1
Bromoform	ND		1.0	0.26	ug/L			01/11/13 14:26	1
Bromomethane	ND		1.0	0.69	ug/L			01/11/13 14:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/11/13 14:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/11/13 14:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/11/13 14:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/11/13 14:26	1
Chloroethane	ND		1.0	0.32	ug/L			01/11/13 14:26	1
Chloroform	ND		1.0	0.34	ug/L			01/11/13 14:26	1
Chloromethane	ND		1.0	0.35	ug/L			01/11/13 14:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/11/13 14:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/11/13 14:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/11/13 14:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/11/13 14:26	1
Styrene	ND		1.0	0.73	ug/L			01/11/13 14:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/11/13 14:26	1
Toluene	ND		1.0	0.51	ug/L			01/11/13 14:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/11/13 14:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/11/13 14:26	1
Trichloroethene	ND		1.0	0.46	ug/L			01/11/13 14:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/11/13 14:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/11/13 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*01/11/13 14:26*	*1*
Toluene-d8 (Surr)	*117*		*71 - 126*		*01/11/13 14:26*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*01/11/13 14:26*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Client Sample ID: PMW-3S 010813

Lab Sample ID: 480-31262-2

Date Collected: 01/08/13 08:25
Matrix: Water
Date Received: 01/09/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**14**		2.0	1.6	ug/L			01/11/13 14:50	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			01/11/13 14:50	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			01/11/13 14:50	2
1,1-Dichloroethane	**55**		2.0	0.76	ug/L			01/11/13 14:50	2
1,1-Dichloroethene	**1.6**	**J**	2.0	0.58	ug/L			01/11/13 14:50	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			01/11/13 14:50	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			01/11/13 14:50	2
2-Hexanone	ND		10	2.5	ug/L			01/11/13 14:50	2
2-Butanone (MEK)	ND		20	2.6	ug/L			01/11/13 14:50	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			01/11/13 14:50	2
Acetone	ND		20	6.0	ug/L			01/11/13 14:50	2
Benzene	ND		2.0	0.82	ug/L			01/11/13 14:50	2
Bromodichloromethane	ND		2.0	0.78	ug/L			01/11/13 14:50	2
Bromoform	ND		2.0	0.52	ug/L			01/11/13 14:50	2
Bromomethane	ND		2.0	1.4	ug/L			01/11/13 14:50	2
Carbon disulfide	ND		2.0	0.38	ug/L			01/11/13 14:50	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			01/11/13 14:50	2
Chlorobenzene	ND		2.0	1.5	ug/L			01/11/13 14:50	2
Dibromochloromethane	ND		2.0	0.64	ug/L			01/11/13 14:50	2
Chloroethane	ND		2.0	0.64	ug/L			01/11/13 14:50	2
Chloroform	ND		2.0	0.68	ug/L			01/11/13 14:50	2
Chloromethane	ND		2.0	0.70	ug/L			01/11/13 14:50	2
cis-1,2-Dichloroethene	**98**		2.0	1.6	ug/L			01/11/13 14:50	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			01/11/13 14:50	2
Ethylbenzene	ND		2.0	1.5	ug/L			01/11/13 14:50	2
Methylene Chloride	ND		2.0	0.88	ug/L			01/11/13 14:50	2
Styrene	ND		2.0	1.5	ug/L			01/11/13 14:50	2
Tetrachloroethene	ND		2.0	0.72	ug/L			01/11/13 14:50	2
Toluene	ND		2.0	1.0	ug/L			01/11/13 14:50	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			01/11/13 14:50	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			01/11/13 14:50	2
Trichloroethene	**8.7**		2.0	0.92	ug/L			01/11/13 14:50	2
Vinyl chloride	**39**		2.0	1.8	ug/L			01/11/13 14:50	2
Xylenes, Total	ND		4.0	1.3	ug/L			01/11/13 14:50	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*66 - 137*		*01/11/13 14:50*	*2*
Toluene-d8 (Surr)	*119*		*71 - 126*		*01/11/13 14:50*	*2*
4-Bromofluorobenzene (Surr)	*112*		*73 - 120*		*01/11/13 14:50*	*2*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Client Sample ID: PMW-3D 010813

Lab Sample ID: 480-31262-3

Date Collected: 01/08/13 08:35
Matrix: Water
Date Received: 01/09/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**45**		4.0	3.3	ug/L			01/11/13 15:14	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/11/13 15:14	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/11/13 15:14	4
1,1-Dichloroethane	**29**		4.0	1.5	ug/L			01/11/13 15:14	4
1,1-Dichloroethene	**2.5**	**J**	4.0	1.2	ug/L			01/11/13 15:14	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			01/11/13 15:14	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/11/13 15:14	4
2-Hexanone	ND		20	5.0	ug/L			01/11/13 15:14	4
2-Butanone (MEK)	ND		40	5.3	ug/L			01/11/13 15:14	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/11/13 15:14	4
Acetone	ND		40	12	ug/L			01/11/13 15:14	4
Benzene	ND		4.0	1.6	ug/L			01/11/13 15:14	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/11/13 15:14	4
Bromoform	ND		4.0	1.0	ug/L			01/11/13 15:14	4
Bromomethane	ND		4.0	2.8	ug/L			01/11/13 15:14	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/11/13 15:14	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/11/13 15:14	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/11/13 15:14	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/11/13 15:14	4
Chloroethane	ND		4.0	1.3	ug/L			01/11/13 15:14	4
Chloroform	ND		4.0	1.4	ug/L			01/11/13 15:14	4
Chloromethane	ND		4.0	1.4	ug/L			01/11/13 15:14	4
cis-1,2-Dichloroethene	**68**		4.0	3.2	ug/L			01/11/13 15:14	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/11/13 15:14	4
Ethylbenzene	ND		4.0	3.0	ug/L			01/11/13 15:14	4
Methylene Chloride	ND		4.0	1.8	ug/L			01/11/13 15:14	4
Styrene	ND		4.0	2.9	ug/L			01/11/13 15:14	4
Tetrachloroethene	ND		4.0	1.4	ug/L			01/11/13 15:14	4
Toluene	ND		4.0	2.0	ug/L			01/11/13 15:14	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			01/11/13 15:14	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/11/13 15:14	4
Trichloroethene	**22**		4.0	1.8	ug/L			01/11/13 15:14	4
Vinyl chloride	**190**		4.0	3.6	ug/L			01/11/13 15:14	4
Xylenes, Total	ND		8.0	2.6	ug/L			01/11/13 15:14	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*66 - 137*		*01/11/13 15:14*	*4*
Toluene-d8 (Surr)	*118*		*71 - 126*		*01/11/13 15:14*	*4*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*01/11/13 15:14*	*4*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-31262-1	Trip Blank 010813	110	117	110
480-31262-2	PMW-3S 010813	114	119	112
480-31262-3	PMW-3D 010813	114	118	114
LCS 480-99182/4	Lab Control Sample	109	120	115
MB 480-99182/5	Method Blank	111	117	111

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-99182/5
Matrix: Water
Analysis Batch: 99182

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/11/13 13:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/11/13 13:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/11/13 13:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/11/13 13:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/11/13 13:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/11/13 13:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/11/13 13:28	1
2-Hexanone	ND		5.0	1.2	ug/L			01/11/13 13:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/11/13 13:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/11/13 13:28	1
Acetone	ND		10	3.0	ug/L			01/11/13 13:28	1
Benzene	ND		1.0	0.41	ug/L			01/11/13 13:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/11/13 13:28	1
Bromoform	ND		1.0	0.26	ug/L			01/11/13 13:28	1
Bromomethane	ND		1.0	0.69	ug/L			01/11/13 13:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/11/13 13:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/11/13 13:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/11/13 13:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/11/13 13:28	1
Chloroethane	ND		1.0	0.32	ug/L			01/11/13 13:28	1
Chloroform	ND		1.0	0.34	ug/L			01/11/13 13:28	1
Chloromethane	ND		1.0	0.35	ug/L			01/11/13 13:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/11/13 13:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/11/13 13:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/11/13 13:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/11/13 13:28	1
Styrene	ND		1.0	0.73	ug/L			01/11/13 13:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/11/13 13:28	1
Toluene	ND		1.0	0.51	ug/L			01/11/13 13:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/11/13 13:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/11/13 13:28	1
Trichloroethene	ND		1.0	0.46	ug/L			01/11/13 13:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/11/13 13:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/11/13 13:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*01/11/13 13:28*	*1*
Toluene-d8 (Surr)	*117*		*71 - 126*		*01/11/13 13:28*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*01/11/13 13:28*	*1*

Lab Sample ID: LCS 480-99182/4
Matrix: Water
Analysis Batch: 99182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.0		ug/L		100	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.0		ug/L		100	70 - 126
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-99182/4
Matrix: Water
Analysis Batch: 99182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	25.2		ug/L		101	71 - 129
1,1-Dichloroethene	25.0	24.6		ug/L		98	58 - 121
1,2-Dichloroethane	25.0	24.6		ug/L		98	75 - 127
1,2-Dichloropropane	25.0	25.1		ug/L		100	76 - 120
2-Hexanone	125	131		ug/L		104	65 - 127
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		103	71 - 125
Acetone	125	119		ug/L		95	56 - 142
Benzene	25.0	26.0		ug/L		104	71 - 124
Bromodichloromethane	25.0	25.6		ug/L		102	80 - 122
Bromoform	25.0	26.1		ug/L		104	66 - 128
Bromomethane	25.0	24.0		ug/L		96	55 - 144
Carbon disulfide	25.0	27.3		ug/L		109	59 - 134
Carbon tetrachloride	25.0	26.1		ug/L		104	72 - 134
Chlorobenzene	25.0	26.3		ug/L		105	72 - 120
Dibromochloromethane	25.0	26.3		ug/L		105	75 - 125
Chloroethane	25.0	23.7		ug/L		95	69 - 136
Chloroform	25.0	25.3		ug/L		101	73 - 127
Chloromethane	25.0	25.6		ug/L		102	68 - 124
cis-1,2-Dichloroethene	25.0	25.7		ug/L		103	74 - 124
cis-1,3-Dichloropropene	25.0	25.2		ug/L		101	74 - 124
Ethylbenzene	25.0	26.3		ug/L		105	77 - 123
Methylene Chloride	25.0	24.8		ug/L		99	57 - 132
Styrene	25.0	26.7		ug/L		107	70 - 130
Tetrachloroethene	25.0	26.5		ug/L		106	74 - 122
Toluene	25.0	26.3		ug/L		105	80 - 122
trans-1,2-Dichloroethene	25.0	25.7		ug/L		103	73 - 127
trans-1,3-Dichloropropene	25.0	26.1		ug/L		104	72 - 123
Trichloroethene	25.0	25.5		ug/L		102	74 - 123
Vinyl chloride	25.0	25.6		ug/L		102	65 - 133
Xylenes, Total	75.0	78.1		ug/L		104	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*
Toluene-d8 (Surr)	*120*		*71 - 126*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

GC/MS VOA

Analysis Batch: 99182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-31262-1	Trip Blank 010813	Total/NA	Water	8260B	
480-31262-2	PMW-3S 010813	Total/NA	Water	8260B	
480-31262-3	PMW-3D 010813	Total/NA	Water	8260B	
LCS 480-99182/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-99182/5	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Client Sample ID: Trip Blank 010813

Lab Sample ID: 480-31262-1
Date Collected: 01/08/13 00:00
Matrix: Water
Date Received: 01/09/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	99182	01/11/13 14:26	LH	TAL BUF

Client Sample ID: PMW-3S 010813

Lab Sample ID: 480-31262-2
Date Collected: 01/08/13 08:25
Matrix: Water
Date Received: 01/09/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	99182	01/11/13 14:50	LH	TAL BUF

Client Sample ID: PMW-3D 010813

Lab Sample ID: 480-31262-3
Date Collected: 01/08/13 08:35
Matrix: Water
Date Received: 01/09/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	99182	01/11/13 15:14	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31262-1
SDG: 480-31262

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-31262-1	Trip Blank 010813	Water	01/08/13 00:00	01/09/13 09:00
480-31262-2	PMW-3S 010813	Water	01/08/13 08:25	01/09/13 09:00
480-31262-3	PMW-3D 010813	Water	01/08/13 08:35	01/09/13 09:00

Chain of Custody Record

480-31262

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schove
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: 716-691-2600
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@obg.com		
Phone: 513-697-2020			
Project Name: GE IRM Project	Method of Shipment/Carrier: ~~FED EX overnight~~		
Project Number: 485766 007.200	Shipping/Tracking No:		
PO# 11210086			

COC No: 054100

1 of 1 COCs

Analysis Turnaround Time (In BUS days)

TAT if different from below

☐ 3 weeks
☒ 2 weeks KBS 1/8/13
☐ 1 week
☐ 2 days
☐ 1 day

Analyses: VOCs 8260B

For lab use only: Walk-in client ☐ Lab sampling ☐ Job/SDG No. ☐

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite (C)/Grab (G)	VOCs 8260B	Sample Specific Notes / Special Instructions:
Trip Blank 010813	1/8/13	—	X							2					N	G	X	
PMW-3S 010813	1/8/13	825	X							3					N	G	X	
PMW-3D 010813	1/8/13	835	X							3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments: Analysis Per QAPP; Level III Data Package

Relinquished by:	Company	Date/Time	Received by:	Company	Date/Time
[signature]	O'Brien & Gere	1/8/13 13:35	[signature]	TestAmerica	1-8-13 13:35
[signature]	TestAmerica	1-8-13 13:40	[signature]	TestAmerica	1/9/13 09:00
Relinquished by:	Company:	Date/Time	Received in Laboratory by:	Company:	Date/Time:

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TAL 0018-1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-31262-1
SDG Number: 480-31262

Login Number: 31262
List Number: 1
Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-31402-1
TestAmerica Sample Delivery Group: 480-31402
Client Project/Site: GE - IRM Project

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
1/16/2013 4:47:39 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-31402-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-31402-1

Comments
No additional comments.

Receipt
The samples were received on 1/11/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 3.3º C.

GC/MS VOA
Method(s) 8260B: The following sample(s) was analyzed at a 1.0 gram dilution due to the nature of the sample matrix: Air Stripper Foam (480-31402-3). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

Client Sample ID: Air Stripper High — Lab Sample ID: 480-31402-1

No Detections

Client Sample ID: Air Stripper Low — Lab Sample ID: 480-31402-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	8.2		8.2	0.51	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: Air Stripper Foam — Lab Sample ID: 480-31402-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	330	J	950	160	ug/Kg	1	☼	8260B	Total/NA
Chloroform	600		190	12	ug/Kg	1	☼	8260B	Total/NA

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

Client Sample ID: Air Stripper High

Date Collected: 01/10/13 11:00
Date Received: 01/11/13 09:00

Lab Sample ID: 480-31402-1

Matrix: Solid
Percent Solids: 72.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.6	0.48	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,1,2,2-Tetrachloroethane	ND		6.6	1.1	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,1,2-Trichloroethane	ND		6.6	0.86	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.6	1.5	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,1-Dichloroethane	ND		6.6	0.81	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,1-Dichloroethene	ND		6.6	0.81	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,2,4-Trichlorobenzene	ND		6.6	0.40	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,2-Dibromo-3-Chloropropane	ND		6.6	3.3	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,2-Dibromoethane	ND		6.6	0.85	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,2-Dichlorobenzene	ND		6.6	0.52	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,2-Dichloroethane	ND		6.6	0.33	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,2-Dichloropropane	ND		6.6	3.3	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,3-Dichlorobenzene	ND		6.6	0.34	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
1,4-Dichlorobenzene	ND		6.6	0.93	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
2-Hexanone	ND		33	3.3	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
2-Butanone (MEK)	ND		33	2.4	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
4-Methyl-2-pentanone (MIBK)	ND		33	2.2	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Acetone	ND		33	5.6	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Benzene	ND		6.6	0.33	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Bromodichloromethane	ND		6.6	0.89	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Bromoform	ND		6.6	3.3	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Bromomethane	ND		6.6	0.60	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Carbon disulfide	ND		6.6	3.3	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Carbon tetrachloride	ND		6.6	0.64	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Chlorobenzene	ND		6.6	0.88	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Dibromochloromethane	ND		6.6	0.85	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Chloroethane	ND		6.6	1.5	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Chloroform	ND		6.6	0.41	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Chloromethane	ND		6.6	0.40	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
cis-1,2-Dichloroethene	ND		6.6	0.85	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
cis-1,3-Dichloropropene	ND		6.6	0.96	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Cyclohexane	ND		6.6	0.93	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Dichlorodifluoromethane	ND		6.6	0.55	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Ethylbenzene	ND		6.6	0.46	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Isopropylbenzene	ND		6.6	1.0	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Methyl acetate	ND		6.6	1.2	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Methyl tert-butyl ether	ND		6.6	0.65	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Methylcyclohexane	ND		6.6	1.0	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Methylene Chloride	ND		6.6	3.1	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Styrene	ND		6.6	0.33	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Tetrachloroethene	ND		6.6	0.89	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Toluene	ND		6.6	0.50	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
trans-1,2-Dichloroethene	ND		6.6	0.69	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
trans-1,3-Dichloropropene	ND		6.6	2.9	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Trichloroethene	ND		6.6	1.5	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Trichlorofluoromethane	ND		6.6	0.63	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Vinyl chloride	ND		6.6	0.81	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	01/13/13 11:57	01/13/13 13:48	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

Client Sample ID: Air Stripper High

Date Collected: 01/10/13 11:00
Date Received: 01/11/13 09:00

Lab Sample ID: 480-31402-1

Matrix: Solid
Percent Solids: 72.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*	*01/13/13 11:57*	*01/13/13 13:48*	*1*
Toluene-d8 (Surr)	*90*		*71 - 125*	*01/13/13 11:57*	*01/13/13 13:48*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 126*	*01/13/13 11:57*	*01/13/13 13:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**27**		0.10	0.10	%			01/14/13 14:38	1
Percent Solids	**73**		0.10	0.10	%			01/14/13 14:38	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

Client Sample ID: Air Stripper Low

Lab Sample ID: 480-31402-2

Date Collected: 01/10/13 11:30
Date Received: 01/11/13 09:00

Matrix: Solid
Percent Solids: 60.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.2	0.60	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,1,2,2-Tetrachloroethane	ND		8.2	1.3	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,1,2-Trichloroethane	ND		8.2	1.1	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.2	1.9	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,1-Dichloroethane	ND		8.2	1.0	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,1-Dichloroethene	ND		8.2	1.0	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,2,4-Trichlorobenzene	ND		8.2	0.50	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,2-Dibromo-3-Chloropropane	ND		8.2	4.1	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,2-Dibromoethane	ND		8.2	1.1	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,2-Dichlorobenzene	ND		8.2	0.64	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,2-Dichloroethane	ND		8.2	0.41	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,2-Dichloropropane	ND		8.2	4.1	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,3-Dichlorobenzene	ND		8.2	0.42	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
1,4-Dichlorobenzene	ND		8.2	1.1	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
2-Hexanone	ND		41	4.1	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
2-Butanone (MEK)	ND		41	3.0	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
4-Methyl-2-pentanone (MIBK)	ND		41	2.7	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Acetone	ND		41	6.9	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Benzene	ND		8.2	0.40	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Bromodichloromethane	ND		8.2	1.1	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Bromoform	ND		8.2	4.1	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Bromomethane	ND		8.2	0.74	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Carbon disulfide	ND		8.2	4.1	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Carbon tetrachloride	ND		8.2	0.79	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Chlorobenzene	ND		8.2	1.1	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Dibromochloromethane	ND		8.2	1.0	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Chloroethane	ND		8.2	1.9	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Chloroform	**8.2**		8.2	0.51	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Chloromethane	ND		8.2	0.50	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
cis-1,2-Dichloroethene	ND		8.2	1.0	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
cis-1,3-Dichloropropene	ND		8.2	1.2	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Cyclohexane	ND		8.2	1.1	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Dichlorodifluoromethane	ND		8.2	0.68	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Ethylbenzene	ND		8.2	0.57	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Isopropylbenzene	ND		8.2	1.2	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Methyl acetate	ND		8.2	1.5	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Methyl tert-butyl ether	ND		8.2	0.81	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Methylcyclohexane	ND		8.2	1.2	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Methylene Chloride	ND		8.2	3.8	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Styrene	ND		8.2	0.41	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Tetrachloroethene	ND		8.2	1.1	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Toluene	ND		8.2	0.62	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
trans-1,2-Dichloroethene	ND		8.2	0.85	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
trans-1,3-Dichloropropene	ND		8.2	3.6	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Trichloroethene	ND		8.2	1.8	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Trichlorofluoromethane	ND		8.2	0.78	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Vinyl chloride	ND		8.2	1.0	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1
Xylenes, Total	ND		16	1.4	ug/Kg	☼	01/13/13 11:57	01/13/13 14:14	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

Client Sample ID: Air Stripper Low

Date Collected: 01/10/13 11:30
Date Received: 01/11/13 09:00

Lab Sample ID: 480-31402-2

Matrix: Solid
Percent Solids: 60.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 126*	*01/13/13 11:57*	*01/13/13 14:14*	*1*
Toluene-d8 (Surr)	*89*		*71 - 125*	*01/13/13 11:57*	*01/13/13 14:14*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 126*	*01/13/13 11:57*	*01/13/13 14:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**39**		0.10	0.10	%			01/14/13 14:38	1
Percent Solids	**61**		0.10	0.10	%			01/14/13 14:38	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

Client Sample ID: Air Stripper Foam

Date Collected: 01/10/13 12:00
Date Received: 01/11/13 09:00

Lab Sample ID: 480-31402-3

Matrix: Solid
Percent Solids: 13.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		190	14	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,1,2,2-Tetrachloroethane	ND		190	31	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,1,2-Trichloroethane	ND		190	25	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		190	43	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,1-Dichloroethane	ND		190	23	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,1-Dichloroethene	ND		190	23	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,2,4-Trichlorobenzene	ND		190	12	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,2-Dibromo-3-Chloropropane	ND		190	95	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,2-Dibromoethane	ND		190	24	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,2-Dichlorobenzene	ND		190	15	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,2-Dichloroethane	ND		190	9.6	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,2-Dichloropropane	ND		190	95	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,3-Dichlorobenzene	ND		190	9.8	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
1,4-Dichlorobenzene	ND		190	27	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
2-Hexanone	ND		950	95	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
2-Butanone (MEK)	ND		950	70	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
4-Methyl-2-pentanone (MIBK)	ND		950	62	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Acetone	**330**	**J**	950	160	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Benzene	ND		190	9.3	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Bromodichloromethane	ND		190	25	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Bromoform	ND		190	95	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Bromomethane	ND		190	17	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Carbon disulfide	ND		190	95	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Carbon tetrachloride	ND		190	18	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Chlorobenzene	ND		190	25	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Dibromochloromethane	ND		190	24	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Chloroethane	ND		190	43	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Chloroform	**600**		190	12	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Chloromethane	ND		190	11	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
cis-1,2-Dichloroethene	ND		190	24	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
cis-1,3-Dichloropropene	ND		190	27	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Cyclohexane	ND		190	27	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Dichlorodifluoromethane	ND		190	16	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Ethylbenzene	ND		190	13	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Isopropylbenzene	ND		190	29	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Methyl acetate	ND		190	35	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Methyl tert-butyl ether	ND		190	19	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Methylcyclohexane	ND		190	29	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Methylene Chloride	ND		190	88	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Styrene	ND		190	9.5	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Tetrachloroethene	ND		190	26	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Toluene	ND		190	14	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
trans-1,2-Dichloroethene	ND		190	20	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
trans-1,3-Dichloropropene	ND		190	84	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Trichloroethene	ND		190	42	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Trichlorofluoromethane	ND		190	18	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Vinyl chloride	ND		190	23	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1
Xylenes, Total	ND		380	32	ug/Kg	☼	01/13/13 11:57	01/13/13 14:39	1

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

Client Sample ID: Air Stripper Foam

Lab Sample ID: 480-31402-3

Date Collected: 01/10/13 12:00
Matrix: Solid
Date Received: 01/11/13 09:00
Percent Solids: 13.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*64 - 126*	*01/13/13 11:57*	*01/13/13 14:39*	*1*
Toluene-d8 (Surr)	*80*		*71 - 125*	*01/13/13 11:57*	*01/13/13 14:39*	*1*
4-Bromofluorobenzene (Surr)	*77*		*72 - 126*	*01/13/13 11:57*	*01/13/13 14:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**87**		0.10	0.10	%			01/14/13 14:38	1
Percent Solids	**13**		0.10	0.10	%			01/14/13 14:38	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(64-126)	(71-125)	(72-126)
480-31402-1	Air Stripper High	96	90	90
480-31402-2	Air Stripper Low	97	89	88
480-31402-3	Air Stripper Foam	80	80	77
LCS 480-99306/5	Lab Control Sample	91	92	89
MB 480-99306/6	Method Blank	93	97	92

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-99306/6
Matrix: Solid
Analysis Batch: 99306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg			01/13/13 13:12	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg			01/13/13 13:12	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg			01/13/13 13:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg			01/13/13 13:12	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg			01/13/13 13:12	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg			01/13/13 13:12	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg			01/13/13 13:12	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg			01/13/13 13:12	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg			01/13/13 13:12	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg			01/13/13 13:12	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg			01/13/13 13:12	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg			01/13/13 13:12	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg			01/13/13 13:12	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg			01/13/13 13:12	1
2-Hexanone	ND		25	2.5	ug/Kg			01/13/13 13:12	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg			01/13/13 13:12	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg			01/13/13 13:12	1
Acetone	ND		25	4.2	ug/Kg			01/13/13 13:12	1
Benzene	ND		5.0	0.25	ug/Kg			01/13/13 13:12	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg			01/13/13 13:12	1
Bromoform	ND		5.0	2.5	ug/Kg			01/13/13 13:12	1
Bromomethane	ND		5.0	0.45	ug/Kg			01/13/13 13:12	1
Carbon disulfide	ND		5.0	2.5	ug/Kg			01/13/13 13:12	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg			01/13/13 13:12	1
Chlorobenzene	ND		5.0	0.66	ug/Kg			01/13/13 13:12	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg			01/13/13 13:12	1
Chloroethane	ND		5.0	1.1	ug/Kg			01/13/13 13:12	1
Chloroform	ND		5.0	0.31	ug/Kg			01/13/13 13:12	1
Chloromethane	ND		5.0	0.30	ug/Kg			01/13/13 13:12	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg			01/13/13 13:12	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg			01/13/13 13:12	1
Cyclohexane	ND		5.0	0.70	ug/Kg			01/13/13 13:12	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg			01/13/13 13:12	1
Ethylbenzene	ND		5.0	0.35	ug/Kg			01/13/13 13:12	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg			01/13/13 13:12	1
Methyl acetate	ND		5.0	0.93	ug/Kg			01/13/13 13:12	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg			01/13/13 13:12	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg			01/13/13 13:12	1
Methylene Chloride	ND		5.0	2.3	ug/Kg			01/13/13 13:12	1
Styrene	ND		5.0	0.25	ug/Kg			01/13/13 13:12	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			01/13/13 13:12	1
Toluene	ND		5.0	0.38	ug/Kg			01/13/13 13:12	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg			01/13/13 13:12	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			01/13/13 13:12	1
Trichloroethene	ND		5.0	1.1	ug/Kg			01/13/13 13:12	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg			01/13/13 13:12	1
Vinyl chloride	ND		5.0	0.61	ug/Kg			01/13/13 13:12	1
Xylenes, Total	ND		10	0.84	ug/Kg			01/13/13 13:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-99306/6
Matrix: Solid
Analysis Batch: 99306

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		64 - 126		01/13/13 13:12	1
Toluene-d8 (Surr)	97		71 - 125		01/13/13 13:12	1
4-Bromofluorobenzene (Surr)	92		72 - 126		01/13/13 13:12	1

Lab Sample ID: LCS 480-99306/5
Matrix: Solid
Analysis Batch: 99306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	53.1		ug/Kg		106	73 - 126
1,1-Dichloroethene	50.0	53.4		ug/Kg		107	59 - 125
1,2-Dichlorobenzene	50.0	52.6		ug/Kg		105	75 - 120
1,2-Dichloroethane	50.0	54.8		ug/Kg		110	77 - 122
Benzene	50.0	51.6		ug/Kg		103	79 - 127
Chlorobenzene	50.0	52.9		ug/Kg		106	76 - 124
cis-1,2-Dichloroethene	50.0	53.1		ug/Kg		106	81 - 117
Ethylbenzene	50.0	53.4		ug/Kg		107	80 - 120
Methyl tert-butyl ether	50.0	45.8		ug/Kg		92	63 - 125
Tetrachloroethene	50.0	55.2		ug/Kg		110	74 - 122
Toluene	50.0	53.2		ug/Kg		106	74 - 128
trans-1,2-Dichloroethene	50.0	54.5		ug/Kg		109	78 - 126
Trichloroethene	50.0	53.9		ug/Kg		108	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		64 - 126
Toluene-d8 (Surr)	92		71 - 125
4-Bromofluorobenzene (Surr)	89		72 - 126

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

GC/MS VOA

Analysis Batch: 99306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-31402-1	Air Stripper High	Total/NA	Solid	8260B	99308
480-31402-2	Air Stripper Low	Total/NA	Solid	8260B	99308
480-31402-3	Air Stripper Foam	Total/NA	Solid	8260B	99308
LCS 480-99306/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 480-99306/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 99308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-31402-1	Air Stripper High	Total/NA	Solid	5035	
480-31402-2	Air Stripper Low	Total/NA	Solid	5035	
480-31402-3	Air Stripper Foam	Total/NA	Solid	5035	

General Chemistry

Analysis Batch: 99441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-31402-1	Air Stripper High	Total/NA	Solid	Moisture	
480-31402-2	Air Stripper Low	Total/NA	Solid	Moisture	
480-31402-3	Air Stripper Foam	Total/NA	Solid	Moisture	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

Client Sample ID: Air Stripper High

Lab Sample ID: 480-31402-1
Date Collected: 01/10/13 11:00
Matrix: Solid
Date Received: 01/11/13 09:00
Percent Solids: 72.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			99308	01/13/13 11:57	JMB	TAL BUF
Total/NA	Analysis	8260B		1	99306	01/13/13 13:48	JMB	TAL BUF
Total/NA	Analysis	Moisture		1	99441	01/14/13 14:38	JMB	TAL BUF

Client Sample ID: Air Stripper Low

Lab Sample ID: 480-31402-2
Date Collected: 01/10/13 11:30
Matrix: Solid
Date Received: 01/11/13 09:00
Percent Solids: 60.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			99308	01/13/13 11:57	JMB	TAL BUF
Total/NA	Analysis	8260B		1	99306	01/13/13 14:14	JMB	TAL BUF
Total/NA	Analysis	Moisture		1	99441	01/14/13 14:38	JMB	TAL BUF

Client Sample ID: Air Stripper Foam

Lab Sample ID: 480-31402-3
Date Collected: 01/10/13 12:00
Matrix: Solid
Date Received: 01/11/13 09:00
Percent Solids: 13.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			99308	01/13/13 11:57	JMB	TAL BUF
Total/NA	Analysis	8260B		1	99306	01/13/13 14:39	JMB	TAL BUF
Total/NA	Analysis	Moisture		1	99441	01/14/13 14:38	JMB	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-31402-1
SDG: 480-31402

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-31402-1	Air Stripper High	Solid	01/10/13 11:00	01/11/13 09:00
480-31402-2	Air Stripper Low	Solid	01/10/13 11:30	01/11/13 09:00
480-31402-3	Air Stripper Foam	Solid	01/10/13 12:00	01/11/13 09:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien + Gere	Client Project Manager: Scott McQueen	Site Contact: Mike McLaughlin	Lab Contact: John Shove
Address: 8805 Governor's Hill Dri Suite 164	Telephone: 484-804-7220	Telephone: 513-319-3860	Telephone: 716-504-9835
City/State/Zip: Cincinnati, OH 45042	Email: Scott.McQueen@obg.com		
Phone: 513-697-2020		TAT if different from below ADAP	
Project Name: GE IRM Project	Method of Shipment/Carrier:	☐ 3 weeks (MB) ☒ 2 weeks ☐ 1 week ☐ 2 days ☒ 1 day	
Project Number: 48712	Shipping/Tracking No:		
PO# [redacted]1812 0017			

COC No: 1 of 1 COCs

Analyses

Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:			VOCs									Sample Specific Notes / Special Instructions:
Air Stripper High	1/10/13	1100				X							1		N	G	X									
Air Stripper Low	1	1130				X							1		N	G	X									
Air Stripper Foam	1	1200				X							1		N	G	X									

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Mike McLaughlin	1/10/13 16:44			Test America	1/10/13 16:44
	Test America	1/10/13 16:50		TA Buffalo	1-11-13 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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#2 3.3

TAL-0018 (1008)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-31402-1
SDG Number: 480-31402

Login Number: 31402
List Number: 1
Creator: Kinecki, Kenneth

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-31743-1
TestAmerica Sample Delivery Group: 480-31743
Client Project/Site: GE IRM Project

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
1/28/2013 4:04:20 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Job ID: 480-31743-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-31743-1

Comments
No additional comments.

Receipt
The samples were received on 1/17/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 3.1º C.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range:
INFLUENT 011613 (480-31743-2), MIXING TANK 011613 (480-31743-3). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-31743-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15		10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: INFLUENT 011613 — Lab Sample ID: 480-31743-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	47		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	6.4		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.5	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	59		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	9.0		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	170		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	16		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: MIXING TANK 011613 — Lab Sample ID: 480-31743-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	51		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	7.2		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.9	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	56		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	7.4		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	190		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	15		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: EFFLUENT 011613 — Lab Sample ID: 480-31743-4

No Detections

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Client Sample ID: TRIP BLANK

Date Collected: 01/16/13 00:00
Date Received: 01/17/13 09:00

Lab Sample ID: 480-31743-1

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/22/13 16:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/22/13 16:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/22/13 16:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/22/13 16:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/22/13 16:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/22/13 16:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/22/13 16:52	1
2-Hexanone	ND		5.0	1.2	ug/L			01/22/13 16:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/22/13 16:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/22/13 16:52	1
Acetone	**15**		10	3.0	ug/L			01/22/13 16:52	1
Benzene	ND		1.0	0.41	ug/L			01/22/13 16:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/22/13 16:52	1
Bromoform	ND		1.0	0.26	ug/L			01/22/13 16:52	1
Bromomethane	ND		1.0	0.69	ug/L			01/22/13 16:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/22/13 16:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/22/13 16:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/22/13 16:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/22/13 16:52	1
Chloroethane	ND		1.0	0.32	ug/L			01/22/13 16:52	1
Chloroform	ND		1.0	0.34	ug/L			01/22/13 16:52	1
Chloromethane	ND		1.0	0.35	ug/L			01/22/13 16:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/22/13 16:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/22/13 16:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/22/13 16:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/22/13 16:52	1
Styrene	ND		1.0	0.73	ug/L			01/22/13 16:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/22/13 16:52	1
Toluene	ND		1.0	0.51	ug/L			01/22/13 16:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/22/13 16:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/22/13 16:52	1
Trichloroethene	ND		1.0	0.46	ug/L			01/22/13 16:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/22/13 16:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/22/13 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*01/22/13 16:52*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*		*01/22/13 16:52*	*1*
4-Bromofluorobenzene (Surr)	*117*		*73 - 120*		*01/22/13 16:52*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Client Sample ID: INFLUENT 011613

Lab Sample ID: 480-31743-2

Date Collected: 01/16/13 08:00
Matrix: Water
Date Received: 01/17/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**47**		4.0	3.3	ug/L			01/22/13 17:16	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/22/13 17:16	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/22/13 17:16	4
1,1-Dichloroethane	**6.4**		4.0	1.5	ug/L			01/22/13 17:16	4
1,1-Dichloroethene	**2.5**	**J**	4.0	1.2	ug/L			01/22/13 17:16	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			01/22/13 17:16	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/22/13 17:16	4
2-Hexanone	ND		20	5.0	ug/L			01/22/13 17:16	4
2-Butanone (MEK)	ND		40	5.3	ug/L			01/22/13 17:16	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/22/13 17:16	4
Acetone	ND		40	12	ug/L			01/22/13 17:16	4
Benzene	ND		4.0	1.6	ug/L			01/22/13 17:16	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/22/13 17:16	4
Bromoform	ND		4.0	1.0	ug/L			01/22/13 17:16	4
Bromomethane	ND		4.0	2.8	ug/L			01/22/13 17:16	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/22/13 17:16	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/22/13 17:16	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/22/13 17:16	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/22/13 17:16	4
Chloroethane	ND		4.0	1.3	ug/L			01/22/13 17:16	4
Chloroform	ND		4.0	1.4	ug/L			01/22/13 17:16	4
Chloromethane	ND		4.0	1.4	ug/L			01/22/13 17:16	4
cis-1,2-Dichloroethene	**59**		4.0	3.2	ug/L			01/22/13 17:16	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/22/13 17:16	4
Ethylbenzene	ND		4.0	3.0	ug/L			01/22/13 17:16	4
Methylene Chloride	ND		4.0	1.8	ug/L			01/22/13 17:16	4
Styrene	ND		4.0	2.9	ug/L			01/22/13 17:16	4
Tetrachloroethene	ND		4.0	1.4	ug/L			01/22/13 17:16	4
Toluene	ND		4.0	2.0	ug/L			01/22/13 17:16	4
trans-1,2-Dichloroethene	**9.0**		4.0	3.6	ug/L			01/22/13 17:16	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/22/13 17:16	4
Trichloroethene	**170**		4.0	1.8	ug/L			01/22/13 17:16	4
Vinyl chloride	**16**		4.0	3.6	ug/L			01/22/13 17:16	4
Xylenes, Total	ND		8.0	2.6	ug/L			01/22/13 17:16	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*01/22/13 17:16*	*4*
Toluene-d8 (Surr)	*114*		*71 - 126*		*01/22/13 17:16*	*4*
4-Bromofluorobenzene (Surr)	*112*		*73 - 120*		*01/22/13 17:16*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Client Sample ID: MIXING TANK 011613

Lab Sample ID: 480-31743-3

Date Collected: 01/16/13 08:10
Matrix: Water
Date Received: 01/17/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**51**		4.0	3.3	ug/L			01/22/13 17:40	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/22/13 17:40	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/22/13 17:40	4
1,1-Dichloroethane	**7.2**		4.0	1.5	ug/L			01/22/13 17:40	4
1,1-Dichloroethene	**2.9**	**J**	4.0	1.2	ug/L			01/22/13 17:40	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			01/22/13 17:40	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/22/13 17:40	4
2-Hexanone	ND		20	5.0	ug/L			01/22/13 17:40	4
2-Butanone (MEK)	ND		40	5.3	ug/L			01/22/13 17:40	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/22/13 17:40	4
Acetone	ND		40	12	ug/L			01/22/13 17:40	4
Benzene	ND		4.0	1.6	ug/L			01/22/13 17:40	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/22/13 17:40	4
Bromoform	ND		4.0	1.0	ug/L			01/22/13 17:40	4
Bromomethane	ND		4.0	2.8	ug/L			01/22/13 17:40	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/22/13 17:40	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/22/13 17:40	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/22/13 17:40	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/22/13 17:40	4
Chloroethane	ND		4.0	1.3	ug/L			01/22/13 17:40	4
Chloroform	ND		4.0	1.4	ug/L			01/22/13 17:40	4
Chloromethane	ND		4.0	1.4	ug/L			01/22/13 17:40	4
cis-1,2-Dichloroethene	**56**		4.0	3.2	ug/L			01/22/13 17:40	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/22/13 17:40	4
Ethylbenzene	ND		4.0	3.0	ug/L			01/22/13 17:40	4
Methylene Chloride	ND		4.0	1.8	ug/L			01/22/13 17:40	4
Styrene	ND		4.0	2.9	ug/L			01/22/13 17:40	4
Tetrachloroethene	ND		4.0	1.4	ug/L			01/22/13 17:40	4
Toluene	ND		4.0	2.0	ug/L			01/22/13 17:40	4
trans-1,2-Dichloroethene	**7.4**		4.0	3.6	ug/L			01/22/13 17:40	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/22/13 17:40	4
Trichloroethene	**190**		4.0	1.8	ug/L			01/22/13 17:40	4
Vinyl chloride	**15**		4.0	3.6	ug/L			01/22/13 17:40	4
Xylenes, Total	ND		8.0	2.6	ug/L			01/22/13 17:40	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*01/22/13 17:40*	*4*
Toluene-d8 (Surr)	*114*		*71 - 126*		*01/22/13 17:40*	*4*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*		*01/22/13 17:40*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Client Sample ID: EFFLUENT 011613

Lab Sample ID: 480-31743-4

Date Collected: 01/16/13 08:20
Matrix: Water
Date Received: 01/17/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/22/13 18:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/22/13 18:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/22/13 18:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/22/13 18:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/22/13 18:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/22/13 18:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/22/13 18:04	1
2-Hexanone	ND		5.0	1.2	ug/L			01/22/13 18:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/22/13 18:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/22/13 18:04	1
Acetone	ND		10	3.0	ug/L			01/22/13 18:04	1
Benzene	ND		1.0	0.41	ug/L			01/22/13 18:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/22/13 18:04	1
Bromoform	ND		1.0	0.26	ug/L			01/22/13 18:04	1
Bromomethane	ND		1.0	0.69	ug/L			01/22/13 18:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/22/13 18:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/22/13 18:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/22/13 18:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/22/13 18:04	1
Chloroethane	ND		1.0	0.32	ug/L			01/22/13 18:04	1
Chloroform	ND		1.0	0.34	ug/L			01/22/13 18:04	1
Chloromethane	ND		1.0	0.35	ug/L			01/22/13 18:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/22/13 18:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/22/13 18:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/22/13 18:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/22/13 18:04	1
Styrene	ND		1.0	0.73	ug/L			01/22/13 18:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/22/13 18:04	1
Toluene	ND		1.0	0.51	ug/L			01/22/13 18:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/22/13 18:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/22/13 18:04	1
Trichloroethene	ND		1.0	0.46	ug/L			01/22/13 18:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/22/13 18:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/22/13 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*01/22/13 18:04*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*		*01/22/13 18:04*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*01/22/13 18:04*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-31743-1	TRIP BLANK	99	114	117

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-31743-2	INFLUENT 011613	101	114	112
480-31743-3	MIXING TANK 011613	103	114	116
480-31743-4	EFFLUENT 011613	100	114	113
LCS 480-100549/4	Lab Control Sample	97	114	113
MB 480-100549/7	Method Blank	99	114	113

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-100549/7
Matrix: Water
Analysis Batch: 100549

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/22/13 16:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/22/13 16:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/22/13 16:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/22/13 16:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/22/13 16:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/22/13 16:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/22/13 16:21	1
2-Hexanone	ND		5.0	1.2	ug/L			01/22/13 16:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/22/13 16:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/22/13 16:21	1
Acetone	ND		10	3.0	ug/L			01/22/13 16:21	1
Benzene	ND		1.0	0.41	ug/L			01/22/13 16:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/22/13 16:21	1
Bromoform	ND		1.0	0.26	ug/L			01/22/13 16:21	1
Bromomethane	ND		1.0	0.69	ug/L			01/22/13 16:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/22/13 16:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/22/13 16:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/22/13 16:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/22/13 16:21	1
Chloroethane	ND		1.0	0.32	ug/L			01/22/13 16:21	1
Chloroform	ND		1.0	0.34	ug/L			01/22/13 16:21	1
Chloromethane	ND		1.0	0.35	ug/L			01/22/13 16:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/22/13 16:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/22/13 16:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/22/13 16:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/22/13 16:21	1
Styrene	ND		1.0	0.73	ug/L			01/22/13 16:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/22/13 16:21	1
Toluene	ND		1.0	0.51	ug/L			01/22/13 16:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/22/13 16:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/22/13 16:21	1
Trichloroethene	ND		1.0	0.46	ug/L			01/22/13 16:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/22/13 16:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/22/13 16:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*01/22/13 16:21*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*		*01/22/13 16:21*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*01/22/13 16:21*	*1*

Lab Sample ID: LCS 480-100549/4
Matrix: Water
Analysis Batch: 100549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.3		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.2		ug/L		101	70 - 126
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-100549/4
Matrix: Water
Analysis Batch: 100549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	24.3		ug/L		97	71 - 129
1,1-Dichloroethene	25.0	26.0		ug/L		104	58 - 121
1,2-Dichloroethane	25.0	22.8		ug/L		91	75 - 127
1,2-Dichloropropane	25.0	24.7		ug/L		99	76 - 120
2-Hexanone	125	118		ug/L		94	65 - 127
2-Butanone (MEK)	125	165		ug/L		132	57 - 140
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	71 - 125
Acetone	125	90.0		ug/L		72	56 - 142
Benzene	25.0	26.0		ug/L		104	71 - 124
Bromodichloromethane	25.0	24.7		ug/L		99	80 - 122
Bromoform	25.0	25.6		ug/L		102	66 - 128
Bromomethane	25.0	22.3		ug/L		89	55 - 144
Carbon disulfide	25.0	28.2		ug/L		113	59 - 134
Carbon tetrachloride	25.0	25.5		ug/L		102	72 - 134
Chlorobenzene	25.0	27.0		ug/L		108	72 - 120
Dibromochloromethane	25.0	25.2		ug/L		101	75 - 125
Chloroethane	25.0	21.7		ug/L		87	69 - 136
Chloroform	25.0	24.4		ug/L		98	73 - 127
Chloromethane	25.0	25.0		ug/L		100	68 - 124
cis-1,2-Dichloroethene	25.0	27.2		ug/L		109	74 - 124
cis-1,3-Dichloropropene	25.0	25.4		ug/L		102	74 - 124
Ethylbenzene	25.0	26.5		ug/L		106	77 - 123
Methylene Chloride	25.0	24.9		ug/L		99	57 - 132
Styrene	25.0	26.6		ug/L		106	70 - 130
Tetrachloroethene	25.0	30.3		ug/L		121	74 - 122
Toluene	25.0	26.7		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	26.4		ug/L		106	73 - 127
trans-1,3-Dichloropropene	25.0	24.7		ug/L		99	72 - 123
Trichloroethene	25.0	26.4		ug/L		106	74 - 123
Vinyl chloride	25.0	25.4		ug/L		102	65 - 133
Xylenes, Total	75.0	80.3		ug/L		107	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
Toluene-d8 (Surr)	*114*		*71 - 126*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

GC/MS VOA

Analysis Batch: 100549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-31743-1	TRIP BLANK	Total/NA	Ground Water	8260B	
480-31743-2	INFLUENT 011613	Total/NA	Water	8260B	
480-31743-3	MIXING TANK 011613	Total/NA	Water	8260B	
480-31743-4	EFFLUENT 011613	Total/NA	Water	8260B	
LCS 480-100549/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-100549/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-31743-1

Date Collected: 01/16/13 00:00 — **Matrix: Ground Water**
Date Received: 01/17/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	100549	01/22/13 16:52	JMB	TAL BUF

Client Sample ID: INFLUENT 011613 — Lab Sample ID: 480-31743-2

Date Collected: 01/16/13 08:00 — **Matrix: Water**
Date Received: 01/17/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	100549	01/22/13 17:16	JMB	TAL BUF

Client Sample ID: MIXING TANK 011613 — Lab Sample ID: 480-31743-3

Date Collected: 01/16/13 08:10 — **Matrix: Water**
Date Received: 01/17/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	100549	01/22/13 17:40	JMB	TAL BUF

Client Sample ID: EFFLUENT 011613 — Lab Sample ID: 480-31743-4

Date Collected: 01/16/13 08:20 — **Matrix: Water**
Date Received: 01/17/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	100549	01/22/13 18:04	JMB	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-12
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-31743-1
SDG: 480-31743

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-31743-1	TRIP BLANK	Ground Water	01/16/13 00:00	01/17/13 09:00
480-31743-2	INFLUENT 011613	Water	01/16/13 08:00	01/17/13 09:00
480-31743-3	MIXING TANK 011613	Water	01/16/13 08:10	01/17/13 09:00
480-31743-4	EFFLUENT 011613	Water	01/16/13 08:20	01/17/13 09:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: O'Brien + Gere	Client Project Manager: Scott McQueen	Site Contact: Mike McLaughlin	Lab Contact: John Shove	COC No:
Address: 8805 Governor's Hill Dr. Ste 164	Telephone: 484-804-7220	Telephone: 513-319-3860	Telephone: 716-504-9838	1 of 1 COCs
City/State/Zip: Cincinnati, OH 45042	Email: Scott.McQueen@obg.com		Analyses	
Phone: 513-697-2020		TAT if different from below: ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
Project Name: GE IRM Project	Method of Shipment/Carrier:			
Project Number: 48712	Shipping/Tracking No:			
PO# 18120017				

Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:			VOCs (8260B)	Sample Specific Notes / Special Instructions:
Trip Blank	1/16/13	—		X						2					N	G	X	
Influent 011613	↓	0800		X						3					N	G	X	
Mixing Tank 011613		0810		X						3					N	G	X	
Effluent 011613	↓	0820		X						3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Analyze per QAPP, Level III data ~~analysis~~ QC package

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	O'Brien + Gere	1/16/13 1030	[signature]	TestAmerica	1/16/13 1030
[signature]	TestAmerica	1/16/13 1030	[signature]	TestAmerica	1/17/13 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

3.1 #3

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TAL-0018 (1008)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-31743-1
SDG Number: 480-31743

Login Number: 31743
List Number: 1
Creator: Robitaille, Zach L

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-32230-1
TestAmerica Sample Delivery Group: 480-32230
Client Project/Site: GE - IRM Project

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
2/7/2013 3:14:45 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-32230-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-32230-1

Comments
No additional comments.

Receipt
The samples were received on 1/30/2013 11:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) for batches 101670 and 102169 exceeded control limits for the following analytes: 2-Butanone. This is due to the coelution with Ethyl Acetate in the full mix spike solution.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: INFLUENT 012913 (480-32230-2). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-32230-1
SDG: 480-32230

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-32230-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.8	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: INFLUENT 012913 — Lab Sample ID: 480-32230-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	49		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	7.3		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.3	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	48		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	6.5		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	160		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	14		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: FILTERED INFLUENT 012913 — Lab Sample ID: 480-32230-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	35		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	5.2		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.1		1.0	0.29	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	1.5	J *	10	1.3	ug/L	1		8260B	Total/NA
Acetone	5.7	J	10	3.0	ug/L	1		8260B	Total/NA
Carbon disulfide	0.19	J	1.0	0.19	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	29		1.0	0.81	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.5		1.0	0.90	ug/L	1		8260B	Total/NA
Trichloroethene	79		1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	8.2		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: EFFLUENT 012913 — Lab Sample ID: 480-32230-4

No Detections

Client Sample ID: FILTERED EFFLUENT 012913 — Lab Sample ID: 480-32230-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.1	J *	10	1.3	ug/L	1		8260B	Total/NA
Acetone	8.4	J	10	3.0	ug/L	1		8260B	Total/NA
Trichloroethene	0.52	J	1.0	0.46	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-32230-1
SDG: 480-32230

Client Sample ID: TRIP BLANK

Date Collected: 01/29/13 00:00
Date Received: 01/30/13 11:00

Lab Sample ID: 480-32230-1

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/31/13 15:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/31/13 15:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/31/13 15:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/31/13 15:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/31/13 15:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/31/13 15:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/31/13 15:33	1
2-Hexanone	ND		5.0	1.2	ug/L			01/31/13 15:33	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			01/31/13 15:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/31/13 15:33	1
Acetone	**7.8**	**J**	10	3.0	ug/L			01/31/13 15:33	1
Benzene	ND		1.0	0.41	ug/L			01/31/13 15:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/31/13 15:33	1
Bromoform	ND		1.0	0.26	ug/L			01/31/13 15:33	1
Bromomethane	ND		1.0	0.69	ug/L			01/31/13 15:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/31/13 15:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/31/13 15:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/31/13 15:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/31/13 15:33	1
Chloroethane	ND		1.0	0.32	ug/L			01/31/13 15:33	1
Chloroform	ND		1.0	0.34	ug/L			01/31/13 15:33	1
Chloromethane	ND		1.0	0.35	ug/L			01/31/13 15:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/31/13 15:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/31/13 15:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/31/13 15:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/31/13 15:33	1
Styrene	ND		1.0	0.73	ug/L			01/31/13 15:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/31/13 15:33	1
Toluene	ND		1.0	0.51	ug/L			01/31/13 15:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/31/13 15:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/31/13 15:33	1
Trichloroethene	ND		1.0	0.46	ug/L			01/31/13 15:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/31/13 15:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/31/13 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*01/31/13 15:33*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*01/31/13 15:33*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*01/31/13 15:33*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-32230-1
SDG: 480-32230

Client Sample ID: INFLUENT 012913

Lab Sample ID: 480-32230-2

Date Collected: 01/29/13 08:15
Matrix: Water
Date Received: 01/30/13 11:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**49**		4.0	3.3	ug/L			01/31/13 15:59	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			01/31/13 15:59	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			01/31/13 15:59	4
1,1-Dichloroethane	**7.3**		4.0	1.5	ug/L			01/31/13 15:59	4
1,1-Dichloroethene	**2.3**	**J**	4.0	1.2	ug/L			01/31/13 15:59	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			01/31/13 15:59	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			01/31/13 15:59	4
2-Hexanone	ND		20	5.0	ug/L			01/31/13 15:59	4
2-Butanone (MEK)	ND	*	40	5.3	ug/L			01/31/13 15:59	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			01/31/13 15:59	4
Acetone	ND		40	12	ug/L			01/31/13 15:59	4
Benzene	ND		4.0	1.6	ug/L			01/31/13 15:59	4
Bromodichloromethane	ND		4.0	1.6	ug/L			01/31/13 15:59	4
Bromoform	ND		4.0	1.0	ug/L			01/31/13 15:59	4
Bromomethane	ND		4.0	2.8	ug/L			01/31/13 15:59	4
Carbon disulfide	ND		4.0	0.76	ug/L			01/31/13 15:59	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			01/31/13 15:59	4
Chlorobenzene	ND		4.0	3.0	ug/L			01/31/13 15:59	4
Dibromochloromethane	ND		4.0	1.3	ug/L			01/31/13 15:59	4
Chloroethane	ND		4.0	1.3	ug/L			01/31/13 15:59	4
Chloroform	ND		4.0	1.4	ug/L			01/31/13 15:59	4
Chloromethane	ND		4.0	1.4	ug/L			01/31/13 15:59	4
cis-1,2-Dichloroethene	**48**		4.0	3.2	ug/L			01/31/13 15:59	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			01/31/13 15:59	4
Ethylbenzene	ND		4.0	3.0	ug/L			01/31/13 15:59	4
Methylene Chloride	ND		4.0	1.8	ug/L			01/31/13 15:59	4
Styrene	ND		4.0	2.9	ug/L			01/31/13 15:59	4
Tetrachloroethene	ND		4.0	1.4	ug/L			01/31/13 15:59	4
Toluene	ND		4.0	2.0	ug/L			01/31/13 15:59	4
trans-1,2-Dichloroethene	**6.5**		4.0	3.6	ug/L			01/31/13 15:59	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			01/31/13 15:59	4
Trichloroethene	**160**		4.0	1.8	ug/L			01/31/13 15:59	4
Vinyl chloride	**14**		4.0	3.6	ug/L			01/31/13 15:59	4
Xylenes, Total	ND		8.0	2.6	ug/L			01/31/13 15:59	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*01/31/13 15:59*	*4*
Toluene-d8 (Surr)	*96*		*71 - 126*		*01/31/13 15:59*	*4*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*01/31/13 15:59*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-32230-1
SDG: 480-32230

Client Sample ID: FILTERED INFLUENT 012913

Lab Sample ID: 480-32230-3

Date Collected: 01/29/13 08:20
Matrix: Water
Date Received: 01/30/13 11:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**35**		1.0	0.82	ug/L			02/04/13 22:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/04/13 22:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/04/13 22:25	1
1,1-Dichloroethane	**5.2**		1.0	0.38	ug/L			02/04/13 22:25	1
1,1-Dichloroethene	**1.1**		1.0	0.29	ug/L			02/04/13 22:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/04/13 22:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/04/13 22:25	1
2-Hexanone	ND		5.0	1.2	ug/L			02/04/13 22:25	1
2-Butanone (MEK)	**1.5**	**J ***	10	1.3	ug/L			02/04/13 22:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/04/13 22:25	1
Acetone	**5.7**	**J**	10	3.0	ug/L			02/04/13 22:25	1
Benzene	ND		1.0	0.41	ug/L			02/04/13 22:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/04/13 22:25	1
Bromoform	ND		1.0	0.26	ug/L			02/04/13 22:25	1
Bromomethane	ND		1.0	0.69	ug/L			02/04/13 22:25	1
Carbon disulfide	**0.19**	**J**	1.0	0.19	ug/L			02/04/13 22:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/04/13 22:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/04/13 22:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/04/13 22:25	1
Chloroethane	ND		1.0	0.32	ug/L			02/04/13 22:25	1
Chloroform	ND		1.0	0.34	ug/L			02/04/13 22:25	1
Chloromethane	ND		1.0	0.35	ug/L			02/04/13 22:25	1
cis-1,2-Dichloroethene	**29**		1.0	0.81	ug/L			02/04/13 22:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/04/13 22:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/04/13 22:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/04/13 22:25	1
Styrene	ND		1.0	0.73	ug/L			02/04/13 22:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/04/13 22:25	1
Toluene	ND		1.0	0.51	ug/L			02/04/13 22:25	1
trans-1,2-Dichloroethene	**3.5**		1.0	0.90	ug/L			02/04/13 22:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/04/13 22:25	1
Trichloroethene	**79**		1.0	0.46	ug/L			02/04/13 22:25	1
Vinyl chloride	**8.2**		1.0	0.90	ug/L			02/04/13 22:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/04/13 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*66 - 137*		*02/04/13 22:25*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*02/04/13 22:25*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*02/04/13 22:25*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-32230-1
SDG: 480-32230

Client Sample ID: EFFLUENT 012913

Lab Sample ID: 480-32230-4

Date Collected: 01/29/13 08:25
Date Received: 01/30/13 11:00

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/31/13 16:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/31/13 16:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/31/13 16:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/31/13 16:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/31/13 16:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/31/13 16:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/31/13 16:50	1
2-Hexanone	ND		5.0	1.2	ug/L			01/31/13 16:50	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			01/31/13 16:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/31/13 16:50	1
Acetone	ND		10	3.0	ug/L			01/31/13 16:50	1
Benzene	ND		1.0	0.41	ug/L			01/31/13 16:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/31/13 16:50	1
Bromoform	ND		1.0	0.26	ug/L			01/31/13 16:50	1
Bromomethane	ND		1.0	0.69	ug/L			01/31/13 16:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/31/13 16:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/31/13 16:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/31/13 16:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/31/13 16:50	1
Chloroethane	ND		1.0	0.32	ug/L			01/31/13 16:50	1
Chloroform	ND		1.0	0.34	ug/L			01/31/13 16:50	1
Chloromethane	ND		1.0	0.35	ug/L			01/31/13 16:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/31/13 16:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/31/13 16:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/31/13 16:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/31/13 16:50	1
Styrene	ND		1.0	0.73	ug/L			01/31/13 16:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/31/13 16:50	1
Toluene	ND		1.0	0.51	ug/L			01/31/13 16:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/31/13 16:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/31/13 16:50	1
Trichloroethene	ND		1.0	0.46	ug/L			01/31/13 16:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/31/13 16:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/31/13 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*01/31/13 16:50*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*01/31/13 16:50*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*01/31/13 16:50*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-32230-1
SDG: 480-32230

Client Sample ID: FILTERED EFFLUENT 012913

Lab Sample ID: 480-32230-5

Date Collected: 01/29/13 08:30
Matrix: Water
Date Received: 01/30/13 11:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/31/13 17:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/31/13 17:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/31/13 17:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/31/13 17:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/31/13 17:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/31/13 17:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/31/13 17:15	1
2-Hexanone	ND		5.0	1.2	ug/L			01/31/13 17:15	1
2-Butanone (MEK)	**2.1**	**J ***	10	1.3	ug/L			01/31/13 17:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/31/13 17:15	1
Acetone	**8.4**	**J**	10	3.0	ug/L			01/31/13 17:15	1
Benzene	ND		1.0	0.41	ug/L			01/31/13 17:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/31/13 17:15	1
Bromoform	ND		1.0	0.26	ug/L			01/31/13 17:15	1
Bromomethane	ND		1.0	0.69	ug/L			01/31/13 17:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/31/13 17:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/31/13 17:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/31/13 17:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/31/13 17:15	1
Chloroethane	ND		1.0	0.32	ug/L			01/31/13 17:15	1
Chloroform	ND		1.0	0.34	ug/L			01/31/13 17:15	1
Chloromethane	ND		1.0	0.35	ug/L			01/31/13 17:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/31/13 17:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/31/13 17:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/31/13 17:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/31/13 17:15	1
Styrene	ND		1.0	0.73	ug/L			01/31/13 17:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/31/13 17:15	1
Toluene	ND		1.0	0.51	ug/L			01/31/13 17:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/31/13 17:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/31/13 17:15	1
Trichloroethene	**0.52**	**J**	1.0	0.46	ug/L			01/31/13 17:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/31/13 17:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/31/13 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*01/31/13 17:15*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*01/31/13 17:15*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*01/31/13 17:15*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-32230-1
SDG: 480-32230

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-32230-1	TRIP BLANK	94	94	89

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-32230-2	INFLUENT 012913	92	96	90
480-32230-3	FILTERED INFLUENT 012913	88	93	94
480-32230-4	EFFLUENT 012913	94	95	90
480-32230-5	FILTERED EFFLUENT 012913	93	95	89
LCS 480-101670/4	Lab Control Sample	97	104	101
LCS 480-102169/4	Lab Control Sample	89	99	102
MB 480-101670/7	Method Blank	92	96	91
MB 480-102169/7	Method Blank	85	91	91

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-101670/7
Matrix: Water
Analysis Batch: 101670

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/31/13 13:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/31/13 13:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/31/13 13:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/31/13 13:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/31/13 13:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/31/13 13:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/31/13 13:31	1
2-Hexanone	ND		5.0	1.2	ug/L			01/31/13 13:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/31/13 13:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/31/13 13:31	1
Acetone	ND		10	3.0	ug/L			01/31/13 13:31	1
Benzene	ND		1.0	0.41	ug/L			01/31/13 13:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/31/13 13:31	1
Bromoform	ND		1.0	0.26	ug/L			01/31/13 13:31	1
Bromomethane	ND		1.0	0.69	ug/L			01/31/13 13:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/31/13 13:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/31/13 13:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/31/13 13:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/31/13 13:31	1
Chloroethane	ND		1.0	0.32	ug/L			01/31/13 13:31	1
Chloroform	ND		1.0	0.34	ug/L			01/31/13 13:31	1
Chloromethane	ND		1.0	0.35	ug/L			01/31/13 13:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/31/13 13:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/31/13 13:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/31/13 13:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/31/13 13:31	1
Styrene	ND		1.0	0.73	ug/L			01/31/13 13:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/31/13 13:31	1
Toluene	ND		1.0	0.51	ug/L			01/31/13 13:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/31/13 13:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/31/13 13:31	1
Trichloroethene	ND		1.0	0.46	ug/L			01/31/13 13:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/31/13 13:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/31/13 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*01/31/13 13:31*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*01/31/13 13:31*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*01/31/13 13:31*	*1*

Lab Sample ID: LCS 480-101670/4
Matrix: Water
Analysis Batch: 101670

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.9		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.2		ug/L		101	70 - 126
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-101670/4
Matrix: Water
Analysis Batch: 101670

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	25.6		ug/L		102	71 - 129
1,1-Dichloroethene	25.0	24.9		ug/L		100	58 - 121
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 127
1,2-Dichloropropane	25.0	25.4		ug/L		102	76 - 120
2-Hexanone	125	149		ug/L		119	65 - 127
2-Butanone (MEK)	125	206	*	ug/L		165	57 - 140
4-Methyl-2-pentanone (MIBK)	125	145		ug/L		116	71 - 125
Acetone	125	147		ug/L		118	56 - 142
Benzene	25.0	25.5		ug/L		102	71 - 124
Bromodichloromethane	25.0	25.4		ug/L		102	80 - 122
Bromoform	25.0	27.5		ug/L		110	66 - 128
Bromomethane	25.0	25.6		ug/L		103	55 - 144
Carbon disulfide	25.0	30.1		ug/L		120	59 - 134
Carbon tetrachloride	25.0	26.0		ug/L		104	72 - 134
Chlorobenzene	25.0	25.5		ug/L		102	72 - 120
Dibromochloromethane	25.0	26.5		ug/L		106	75 - 125
Chloroethane	25.0	26.0		ug/L		104	69 - 136
Chloroform	25.0	25.3		ug/L		101	73 - 127
Chloromethane	25.0	24.9		ug/L		100	68 - 124
cis-1,2-Dichloroethene	25.0	24.8		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Ethylbenzene	25.0	26.5		ug/L		106	77 - 123
Methylene Chloride	25.0	25.7		ug/L		103	57 - 132
Styrene	25.0	27.0		ug/L		108	70 - 130
Tetrachloroethene	25.0	27.4		ug/L		110	74 - 122
Toluene	25.0	26.1		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	25.6		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	27.5		ug/L		110	72 - 123
Trichloroethene	25.0	25.6		ug/L		102	74 - 123
Vinyl chloride	25.0	27.1		ug/L		109	65 - 133
Xylenes, Total	75.0	79.9		ug/L		107	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
Toluene-d8 (Surr)	*104*		*71 - 126*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*

Lab Sample ID: MB 480-102169/7
Matrix: Water
Analysis Batch: 102169

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/04/13 21:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/04/13 21:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/04/13 21:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/04/13 21:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/04/13 21:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/04/13 21:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-102169/7
Matrix: Water
Analysis Batch: 102169

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/04/13 21:44	1
2-Hexanone	ND		5.0	1.2	ug/L			02/04/13 21:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/04/13 21:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/04/13 21:44	1
Acetone	ND		10	3.0	ug/L			02/04/13 21:44	1
Benzene	ND		1.0	0.41	ug/L			02/04/13 21:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/04/13 21:44	1
Bromoform	ND		1.0	0.26	ug/L			02/04/13 21:44	1
Bromomethane	ND		1.0	0.69	ug/L			02/04/13 21:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/04/13 21:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/04/13 21:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/04/13 21:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/04/13 21:44	1
Chloroethane	ND		1.0	0.32	ug/L			02/04/13 21:44	1
Chloroform	ND		1.0	0.34	ug/L			02/04/13 21:44	1
Chloromethane	ND		1.0	0.35	ug/L			02/04/13 21:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/04/13 21:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/04/13 21:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/04/13 21:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/04/13 21:44	1
Styrene	ND		1.0	0.73	ug/L			02/04/13 21:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/04/13 21:44	1
Toluene	ND		1.0	0.51	ug/L			02/04/13 21:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/04/13 21:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/04/13 21:44	1
Trichloroethene	ND		1.0	0.46	ug/L			02/04/13 21:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/04/13 21:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/04/13 21:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*66 - 137*		*02/04/13 21:44*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*		*02/04/13 21:44*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*02/04/13 21:44*	*1*

Lab Sample ID: LCS 480-102169/4
Matrix: Water
Analysis Batch: 102169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.5		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.1		ug/L		100	70 - 126
1,1,2-Trichloroethane	25.0	24.1		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	22.8		ug/L		91	71 - 129
1,1-Dichloroethene	25.0	22.5		ug/L		90	58 - 121
1,2-Dichloroethane	25.0	22.8		ug/L		91	75 - 127
1,2-Dichloropropane	25.0	23.6		ug/L		94	76 - 120
2-Hexanone	125	132		ug/L		106	65 - 127
2-Butanone (MEK)	125	183	*	ug/L		146	57 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-102169/4
Matrix: Water
Analysis Batch: 102169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		103	71 - 125
Acetone	125	125		ug/L		100	56 - 142
Benzene	25.0	22.8		ug/L		91	71 - 124
Bromodichloromethane	25.0	24.2		ug/L		97	80 - 122
Bromoform	25.0	27.6		ug/L		110	66 - 128
Bromomethane	25.0	34.1		ug/L		136	55 - 144
Carbon disulfide	25.0	22.2		ug/L		89	59 - 134
Carbon tetrachloride	25.0	22.8		ug/L		91	72 - 134
Chlorobenzene	25.0	23.5		ug/L		94	72 - 120
Dibromochloromethane	25.0	25.6		ug/L		102	75 - 125
Chloroethane	25.0	25.5		ug/L		102	69 - 136
Chloroform	25.0	23.4		ug/L		93	73 - 127
Chloromethane	25.0	21.1		ug/L		84	68 - 124
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	74 - 124
Ethylbenzene	25.0	23.8		ug/L		95	77 - 123
Methylene Chloride	25.0	24.6		ug/L		98	57 - 132
Styrene	25.0	25.9		ug/L		104	70 - 130
Tetrachloroethene	25.0	24.0		ug/L		96	74 - 122
Toluene	25.0	23.6		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	23.1		ug/L		93	73 - 127
trans-1,3-Dichloropropene	25.0	26.2		ug/L		105	72 - 123
Trichloroethene	25.0	23.1		ug/L		92	74 - 123
Vinyl chloride	25.0	22.4		ug/L		89	65 - 133
Xylenes, Total	75.0	72.8		ug/L		97	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*
Toluene-d8 (Surr)	*99*		*71 - 126*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-32230-1
SDG: 480-32230

GC/MS VOA

Analysis Batch: 101670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-32230-1	TRIP BLANK	Total/NA	Ground Water	8260B	
480-32230-2	INFLUENT 012913	Total/NA	Water	8260B	
480-32230-4	EFFLUENT 012913	Total/NA	Water	8260B	
480-32230-5	FILTERED EFFLUENT 012913	Total/NA	Water	8260B	
LCS 480-101670/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-101670/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 102169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-32230-3	FILTERED INFLUENT 012913	Total/NA	Water	8260B	
LCS 480-102169/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-102169/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-32230-1
SDG: 480-32230

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-32230-1

Date Collected: 01/29/13 00:00 — **Matrix: Ground Water**
Date Received: 01/30/13 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	101670	01/31/13 15:33	LH	TAL BUF

Client Sample ID: INFLUENT 012913 — Lab Sample ID: 480-32230-2

Date Collected: 01/29/13 08:15 — **Matrix: Water**
Date Received: 01/30/13 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	101670	01/31/13 15:59	LH	TAL BUF

Client Sample ID: FILTERED INFLUENT 012913 — Lab Sample ID: 480-32230-3

Date Collected: 01/29/13 08:20 — **Matrix: Water**
Date Received: 01/30/13 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102169	02/04/13 22:25	LH	TAL BUF

Client Sample ID: EFFLUENT 012913 — Lab Sample ID: 480-32230-4

Date Collected: 01/29/13 08:25 — **Matrix: Water**
Date Received: 01/30/13 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	101670	01/31/13 16:50	LH	TAL BUF

Client Sample ID: FILTERED EFFLUENT 012913 — Lab Sample ID: 480-32230-5

Date Collected: 01/29/13 08:30 — **Matrix: Water**
Date Received: 01/30/13 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	101670	01/31/13 17:15	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-32230-1
SDG: 480-32230

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-32230-1
SDG: 480-32230

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - IRM Project

TestAmerica Job ID: 480-32230-1
SDG: 480-32230

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-32230-1	TRIP BLANK	Ground Water	01/29/13 00:00	01/30/13 11:00
480-32230-2	INFLUENT 012913	Water	01/29/13 08:15	01/30/13 11:00
480-32230-3	FILTERED INFLUENT 012913	Water	01/29/13 08:20	01/30/13 11:00
480-32230-4	EFFLUENT 012913	Water	01/29/13 08:25	01/30/13 11:00
480-32230-5	FILTERED EFFLUENT 012913	Water	01/29/13 08:30	01/30/13 11:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmeriea Laboratory location: Buffulo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere, Inc	Client Project Manager: Scott McQueen	Site Contact: Mike McLaughlin	Lab Contact: John Schove
Address: 8805 Governors Hill Dr	Telephone: 484-804-7220	Telephone: 513-319-3860	Telephone: 716-504-9839
City/State/Zip: Cincinnati OH 45042	Email: Scott.McQueen@OBG.com		
Phone: 513-697-2020			
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 48712	Shipping/Tracking No:		
PO# 18120017			

COC No: 59956

1 of 1 COCs

Analysis Turnaround Time (in BUS days)

TAT if different from below

☐ 3 weeks
☐ 2 weeks
☒ 1 week
☐ 2 days
☐ 1 day

For lab use only

☐ Walk-in client
☐ Lab pickup
☐ Lab sampling

Job/SDG No

Sample Identification	Sample Date	SampleTime	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Analyses: VOCs (8260B)	Sample Specific Notes / Special Instructions:
Trip Blank	1-29-13			X						2					N	G	X	
Influent 012913	↓	8:15		X						3					N	G	X	
Filtered Influent 012913	↓	8:20		X						3					Y	G	X	
Effluent 012913	↓	8:25		X						3					N	G	X	
Filtered Effluent 012913	↓	8:30		X						3					Y	G	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Analyze per QAPP; Level III Data Package

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Mike McLaughlin	OBG	1/29/13 / 13:10	[illegible]	TestAmerica	1/29/13 / 13:10
[illegible]	TestAmerica	1/29/13 / 13:15	[illegible]	[illegible]	1/30/13 / 10:00
Relinquished by	Company	Date/Time	Received in Laboratory by:	Company	Date/Time

2.4 #3

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TAL 0018-1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-32230-1
SDG Number: 480-32230

Login Number: 32230
List Number: 1
Creator: Janish, Carl

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-32467-1
TestAmerica Sample Delivery Group: 480-32467
Client Project/Site: GE - Evendale, OH site

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
2/12/2013 3:59:25 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Job ID: 480-32467-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-32467-1

Comments
No additional comments.

Receipt
The samples were received on 2/2/2013 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3º C.

GC/MS VOA
Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: ADW-100 020113 (480-32467-8), EW-2P 020113 (480-32467-6), EW-3D 020113 (480-32467-9), EW-3D 020113 (480-32467-9 MS), EW-3D 020113 (480-32467-9 MSD), EW-4P 020113 (480-32467-4), EW-5P 020113 (480-32467-5), EW-6P 020113 (480-32467-7). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 102260 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: Trip Blank — Lab Sample ID: 480-32467-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.1	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: EW-7S 020113 — Lab Sample ID: 480-32467-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.1		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.38	J	1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	80		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	83		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: EW-8D 020113 — Lab Sample ID: 480-32467-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.5		1.0	0.38	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.8		1.0	0.81	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.5		1.0	0.90	ug/L	1		8260B	Total/NA
Vinyl chloride	9.1		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: EW-4P 020113 — Lab Sample ID: 480-32467-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	89		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	14		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	3.0	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	4.1		4.0	3.2	ug/L	4		8260B	Total/NA
Methylene Chloride	3.0	J	4.0	1.8	ug/L	4		8260B	Total/NA
Trichloroethene	250		4.0	1.8	ug/L	4		8260B	Total/NA

Client Sample ID: EW-5P 020113 — Lab Sample ID: 480-32467-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	110		5.0	4.1	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	13		5.0	1.9	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	6.5		5.0	1.5	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	19		5.0	4.1	ug/L	5		8260B	Total/NA
Methylene Chloride	3.9	J	5.0	2.2	ug/L	5		8260B	Total/NA
Trichloroethene	240		5.0	2.3	ug/L	5		8260B	Total/NA
Vinyl chloride	9.7		5.0	4.5	ug/L	5		8260B	Total/NA

Client Sample ID: EW-2P 020113 — Lab Sample ID: 480-32467-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	110		5.0	4.1	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	14		5.0	1.9	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	8.2		5.0	1.5	ug/L	5		8260B	Total/NA
Chloroform	2.1	J	5.0	1.7	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	17		5.0	4.1	ug/L	5		8260B	Total/NA
Methylene Chloride	3.4	J	5.0	2.2	ug/L	5		8260B	Total/NA
Trichloroethene	290		5.0	2.3	ug/L	5		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: EW-6P 020113 — Lab Sample ID: 480-32467-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	60		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	6.8		4.0	1.5	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	11		4.0	3.2	ug/L	4		8260B	Total/NA
Methylene Chloride	2.9	J	4.0	1.8	ug/L	4		8260B	Total/NA
Trichloroethene	170		4.0	1.8	ug/L	4		8260B	Total/NA

Client Sample ID: ADW-100 020113 — Lab Sample ID: 480-32467-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.6	J	4.0	1.6	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	210		4.0	3.2	ug/L	4		8260B	Total/NA
Methylene Chloride	2.6	J	4.0	1.8	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	41		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	260		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	4.4		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: EW-3D 020113 — Lab Sample ID: 480-32467-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	210		4.0	3.2	ug/L	4		8260B	Total/NA
Methylene Chloride	2.6	J	4.0	1.8	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	43		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	260		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	4.5		4.0	3.6	ug/L	4		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: Trip Blank

Lab Sample ID: 480-32467-1

Date Collected: 02/01/13 12:00
Date Received: 02/02/13 09:30

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/05/13 15:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/05/13 15:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/05/13 15:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/05/13 15:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/05/13 15:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/05/13 15:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/05/13 15:41	1
2-Hexanone	ND		5.0	1.2	ug/L			02/05/13 15:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/05/13 15:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/05/13 15:41	1
Acetone	**7.1**	**J**	10	3.0	ug/L			02/05/13 15:41	1
Benzene	ND		1.0	0.41	ug/L			02/05/13 15:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/05/13 15:41	1
Bromoform	ND		1.0	0.26	ug/L			02/05/13 15:41	1
Bromomethane	ND		1.0	0.69	ug/L			02/05/13 15:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/05/13 15:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/05/13 15:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/05/13 15:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/05/13 15:41	1
Chloroethane	ND		1.0	0.32	ug/L			02/05/13 15:41	1
Chloroform	ND		1.0	0.34	ug/L			02/05/13 15:41	1
Chloromethane	ND		1.0	0.35	ug/L			02/05/13 15:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/05/13 15:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/05/13 15:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/05/13 15:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/05/13 15:41	1
Styrene	ND		1.0	0.73	ug/L			02/05/13 15:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/05/13 15:41	1
Toluene	ND		1.0	0.51	ug/L			02/05/13 15:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/05/13 15:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/05/13 15:41	1
Trichloroethene	ND		1.0	0.46	ug/L			02/05/13 15:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/05/13 15:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/05/13 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*02/05/13 15:41*	*1*
Toluene-d8 (Surr)	*115*		*71 - 126*		*02/05/13 15:41*	*1*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*		*02/05/13 15:41*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: EW-7S 020113

Lab Sample ID: 480-32467-2

Date Collected: 02/01/13 09:15
Matrix: Water
Date Received: 02/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/06/13 00:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/06/13 00:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/06/13 00:23	1
1,1-Dichloroethane	**1.1**		1.0	0.38	ug/L			02/06/13 00:23	1
1,1-Dichloroethene	**0.38**	**J**	1.0	0.29	ug/L			02/06/13 00:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/06/13 00:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/06/13 00:23	1
2-Hexanone	ND		5.0	1.2	ug/L			02/06/13 00:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/06/13 00:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/06/13 00:23	1
Acetone	ND		10	3.0	ug/L			02/06/13 00:23	1
Benzene	ND		1.0	0.41	ug/L			02/06/13 00:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/06/13 00:23	1
Bromoform	ND		1.0	0.26	ug/L			02/06/13 00:23	1
Bromomethane	ND		1.0	0.69	ug/L			02/06/13 00:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/06/13 00:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/06/13 00:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/06/13 00:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/06/13 00:23	1
Chloroethane	ND		1.0	0.32	ug/L			02/06/13 00:23	1
Chloroform	ND		1.0	0.34	ug/L			02/06/13 00:23	1
Chloromethane	ND		1.0	0.35	ug/L			02/06/13 00:23	1
cis-1,2-Dichloroethene	**80**		1.0	0.81	ug/L			02/06/13 00:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/06/13 00:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/06/13 00:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/06/13 00:23	1
Styrene	ND		1.0	0.73	ug/L			02/06/13 00:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/06/13 00:23	1
Toluene	ND		1.0	0.51	ug/L			02/06/13 00:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/06/13 00:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/06/13 00:23	1
Trichloroethene	ND		1.0	0.46	ug/L			02/06/13 00:23	1
Vinyl chloride	**83**		1.0	0.90	ug/L			02/06/13 00:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/06/13 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*66 - 137*		*02/06/13 00:23*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/06/13 00:23*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*02/06/13 00:23*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: EW-8D 020113

Lab Sample ID: 480-32467-3

Date Collected: 02/01/13 09:20
Matrix: Water
Date Received: 02/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/05/13 16:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/05/13 16:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/05/13 16:29	1
1,1-Dichloroethane	**1.5**		1.0	0.38	ug/L			02/05/13 16:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/05/13 16:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/05/13 16:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/05/13 16:29	1
2-Hexanone	ND		5.0	1.2	ug/L			02/05/13 16:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/05/13 16:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/05/13 16:29	1
Acetone	ND		10	3.0	ug/L			02/05/13 16:29	1
Benzene	ND		1.0	0.41	ug/L			02/05/13 16:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/05/13 16:29	1
Bromoform	ND		1.0	0.26	ug/L			02/05/13 16:29	1
Bromomethane	ND		1.0	0.69	ug/L			02/05/13 16:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/05/13 16:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/05/13 16:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/05/13 16:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/05/13 16:29	1
Chloroethane	ND		1.0	0.32	ug/L			02/05/13 16:29	1
Chloroform	ND		1.0	0.34	ug/L			02/05/13 16:29	1
Chloromethane	ND		1.0	0.35	ug/L			02/05/13 16:29	1
cis-1,2-Dichloroethene	**6.8**		1.0	0.81	ug/L			02/05/13 16:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/05/13 16:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/05/13 16:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/05/13 16:29	1
Styrene	ND		1.0	0.73	ug/L			02/05/13 16:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/05/13 16:29	1
Toluene	ND		1.0	0.51	ug/L			02/05/13 16:29	1
trans-1,2-Dichloroethene	**3.5**		1.0	0.90	ug/L			02/05/13 16:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/05/13 16:29	1
Trichloroethene	ND		1.0	0.46	ug/L			02/05/13 16:29	1
Vinyl chloride	**9.1**		1.0	0.90	ug/L			02/05/13 16:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/05/13 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*02/05/13 16:29*	*1*
Toluene-d8 (Surr)	*116*		*71 - 126*		*02/05/13 16:29*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*02/05/13 16:29*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: EW-4P 020113

Lab Sample ID: 480-32467-4

Date Collected: 02/01/13 09:30
Matrix: Water
Date Received: 02/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**89**		4.0	3.3	ug/L			02/05/13 16:53	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/05/13 16:53	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/05/13 16:53	4
1,1-Dichloroethane	**14**		4.0	1.5	ug/L			02/05/13 16:53	4
1,1-Dichloroethene	**3.0**	**J**	4.0	1.2	ug/L			02/05/13 16:53	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/05/13 16:53	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/05/13 16:53	4
2-Hexanone	ND		20	5.0	ug/L			02/05/13 16:53	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/05/13 16:53	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/05/13 16:53	4
Acetone	ND		40	12	ug/L			02/05/13 16:53	4
Benzene	ND		4.0	1.6	ug/L			02/05/13 16:53	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/05/13 16:53	4
Bromoform	ND		4.0	1.0	ug/L			02/05/13 16:53	4
Bromomethane	ND		4.0	2.8	ug/L			02/05/13 16:53	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/05/13 16:53	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/05/13 16:53	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/05/13 16:53	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/05/13 16:53	4
Chloroethane	ND		4.0	1.3	ug/L			02/05/13 16:53	4
Chloroform	ND		4.0	1.4	ug/L			02/05/13 16:53	4
Chloromethane	ND		4.0	1.4	ug/L			02/05/13 16:53	4
cis-1,2-Dichloroethene	**4.1**		4.0	3.2	ug/L			02/05/13 16:53	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/05/13 16:53	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/05/13 16:53	4
Methylene Chloride	**3.0**	**J**	4.0	1.8	ug/L			02/05/13 16:53	4
Styrene	ND		4.0	2.9	ug/L			02/05/13 16:53	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/05/13 16:53	4
Toluene	ND		4.0	2.0	ug/L			02/05/13 16:53	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			02/05/13 16:53	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/05/13 16:53	4
Trichloroethene	**250**		4.0	1.8	ug/L			02/05/13 16:53	4
Vinyl chloride	ND		4.0	3.6	ug/L			02/05/13 16:53	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/05/13 16:53	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*02/05/13 16:53*	*4*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/05/13 16:53*	*4*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*02/05/13 16:53*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: EW-5P 020113

Lab Sample ID: 480-32467-5

Date Collected: 02/01/13 09:35
Matrix: Water
Date Received: 02/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**110**		5.0	4.1	ug/L			02/05/13 17:17	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			02/05/13 17:17	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			02/05/13 17:17	5
1,1-Dichloroethane	**13**		5.0	1.9	ug/L			02/05/13 17:17	5
1,1-Dichloroethene	**6.5**		5.0	1.5	ug/L			02/05/13 17:17	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			02/05/13 17:17	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			02/05/13 17:17	5
2-Hexanone	ND		25	6.2	ug/L			02/05/13 17:17	5
2-Butanone (MEK)	ND		50	6.6	ug/L			02/05/13 17:17	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			02/05/13 17:17	5
Acetone	ND		50	15	ug/L			02/05/13 17:17	5
Benzene	ND		5.0	2.1	ug/L			02/05/13 17:17	5
Bromodichloromethane	ND		5.0	2.0	ug/L			02/05/13 17:17	5
Bromoform	ND		5.0	1.3	ug/L			02/05/13 17:17	5
Bromomethane	ND		5.0	3.5	ug/L			02/05/13 17:17	5
Carbon disulfide	ND		5.0	0.95	ug/L			02/05/13 17:17	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			02/05/13 17:17	5
Chlorobenzene	ND		5.0	3.8	ug/L			02/05/13 17:17	5
Dibromochloromethane	ND		5.0	1.6	ug/L			02/05/13 17:17	5
Chloroethane	ND		5.0	1.6	ug/L			02/05/13 17:17	5
Chloroform	ND		5.0	1.7	ug/L			02/05/13 17:17	5
Chloromethane	ND		5.0	1.8	ug/L			02/05/13 17:17	5
cis-1,2-Dichloroethene	**19**		5.0	4.1	ug/L			02/05/13 17:17	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			02/05/13 17:17	5
Ethylbenzene	ND		5.0	3.7	ug/L			02/05/13 17:17	5
Methylene Chloride	**3.9**	**J**	5.0	2.2	ug/L			02/05/13 17:17	5
Styrene	ND		5.0	3.7	ug/L			02/05/13 17:17	5
Tetrachloroethene	ND		5.0	1.8	ug/L			02/05/13 17:17	5
Toluene	ND		5.0	2.6	ug/L			02/05/13 17:17	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			02/05/13 17:17	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			02/05/13 17:17	5
Trichloroethene	**240**		5.0	2.3	ug/L			02/05/13 17:17	5
Vinyl chloride	**9.7**		5.0	4.5	ug/L			02/05/13 17:17	5
Xylenes, Total	ND		10	3.3	ug/L			02/05/13 17:17	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*02/05/13 17:17*	*5*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/05/13 17:17*	*5*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*02/05/13 17:17*	*5*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: EW-2P 020113

Lab Sample ID: 480-32467-6

Date Collected: 02/01/13 09:40
Matrix: Water
Date Received: 02/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**110**		5.0	4.1	ug/L			02/05/13 17:41	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			02/05/13 17:41	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			02/05/13 17:41	5
1,1-Dichloroethane	**14**		5.0	1.9	ug/L			02/05/13 17:41	5
1,1-Dichloroethene	**8.2**		5.0	1.5	ug/L			02/05/13 17:41	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			02/05/13 17:41	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			02/05/13 17:41	5
2-Hexanone	ND		25	6.2	ug/L			02/05/13 17:41	5
2-Butanone (MEK)	ND		50	6.6	ug/L			02/05/13 17:41	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			02/05/13 17:41	5
Acetone	ND		50	15	ug/L			02/05/13 17:41	5
Benzene	ND		5.0	2.1	ug/L			02/05/13 17:41	5
Bromodichloromethane	ND		5.0	2.0	ug/L			02/05/13 17:41	5
Bromoform	ND		5.0	1.3	ug/L			02/05/13 17:41	5
Bromomethane	ND		5.0	3.5	ug/L			02/05/13 17:41	5
Carbon disulfide	ND		5.0	0.95	ug/L			02/05/13 17:41	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			02/05/13 17:41	5
Chlorobenzene	ND		5.0	3.8	ug/L			02/05/13 17:41	5
Dibromochloromethane	ND		5.0	1.6	ug/L			02/05/13 17:41	5
Chloroethane	ND		5.0	1.6	ug/L			02/05/13 17:41	5
Chloroform	**2.1**	**J**	5.0	1.7	ug/L			02/05/13 17:41	5
Chloromethane	ND		5.0	1.8	ug/L			02/05/13 17:41	5
cis-1,2-Dichloroethene	**17**		5.0	4.1	ug/L			02/05/13 17:41	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			02/05/13 17:41	5
Ethylbenzene	ND		5.0	3.7	ug/L			02/05/13 17:41	5
Methylene Chloride	**3.4**	**J**	5.0	2.2	ug/L			02/05/13 17:41	5
Styrene	ND		5.0	3.7	ug/L			02/05/13 17:41	5
Tetrachloroethene	ND		5.0	1.8	ug/L			02/05/13 17:41	5
Toluene	ND		5.0	2.6	ug/L			02/05/13 17:41	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			02/05/13 17:41	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			02/05/13 17:41	5
Trichloroethene	**290**		5.0	2.3	ug/L			02/05/13 17:41	5
Vinyl chloride	ND		5.0	4.5	ug/L			02/05/13 17:41	5
Xylenes, Total	ND		10	3.3	ug/L			02/05/13 17:41	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*02/05/13 17:41*	*5*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/05/13 17:41*	*5*
4-Bromofluorobenzene (Surr)	*112*		*73 - 120*		*02/05/13 17:41*	*5*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: EW-6P 020113

Lab Sample ID: 480-32467-7

Date Collected: 02/01/13 09:45
Matrix: Water
Date Received: 02/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**60**		4.0	3.3	ug/L			02/05/13 18:05	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/05/13 18:05	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/05/13 18:05	4
1,1-Dichloroethane	**6.8**		4.0	1.5	ug/L			02/05/13 18:05	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			02/05/13 18:05	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/05/13 18:05	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/05/13 18:05	4
2-Hexanone	ND		20	5.0	ug/L			02/05/13 18:05	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/05/13 18:05	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/05/13 18:05	4
Acetone	ND		40	12	ug/L			02/05/13 18:05	4
Benzene	ND		4.0	1.6	ug/L			02/05/13 18:05	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/05/13 18:05	4
Bromoform	ND		4.0	1.0	ug/L			02/05/13 18:05	4
Bromomethane	ND		4.0	2.8	ug/L			02/05/13 18:05	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/05/13 18:05	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/05/13 18:05	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/05/13 18:05	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/05/13 18:05	4
Chloroethane	ND		4.0	1.3	ug/L			02/05/13 18:05	4
Chloroform	ND		4.0	1.4	ug/L			02/05/13 18:05	4
Chloromethane	ND		4.0	1.4	ug/L			02/05/13 18:05	4
cis-1,2-Dichloroethene	**11**		4.0	3.2	ug/L			02/05/13 18:05	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/05/13 18:05	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/05/13 18:05	4
Methylene Chloride	**2.9**	**J**	4.0	1.8	ug/L			02/05/13 18:05	4
Styrene	ND		4.0	2.9	ug/L			02/05/13 18:05	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/05/13 18:05	4
Toluene	ND		4.0	2.0	ug/L			02/05/13 18:05	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			02/05/13 18:05	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/05/13 18:05	4
Trichloroethene	**170**		4.0	1.8	ug/L			02/05/13 18:05	4
Vinyl chloride	ND		4.0	3.6	ug/L			02/05/13 18:05	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/05/13 18:05	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*02/05/13 18:05*	*4*
Toluene-d8 (Surr)	*115*		*71 - 126*		*02/05/13 18:05*	*4*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*02/05/13 18:05*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: ADW-100 020113

Lab Sample ID: 480-32467-8

Date Collected: 02/01/13 09:55
Matrix: Water
Date Received: 02/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			02/05/13 18:29	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/05/13 18:29	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/05/13 18:29	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			02/05/13 18:29	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			02/05/13 18:29	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/05/13 18:29	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/05/13 18:29	4
2-Hexanone	ND		20	5.0	ug/L			02/05/13 18:29	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/05/13 18:29	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/05/13 18:29	4
Acetone	ND		40	12	ug/L			02/05/13 18:29	4
Benzene	**1.6**	**J**	4.0	1.6	ug/L			02/05/13 18:29	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/05/13 18:29	4
Bromoform	ND		4.0	1.0	ug/L			02/05/13 18:29	4
Bromomethane	ND		4.0	2.8	ug/L			02/05/13 18:29	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/05/13 18:29	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/05/13 18:29	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/05/13 18:29	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/05/13 18:29	4
Chloroethane	ND		4.0	1.3	ug/L			02/05/13 18:29	4
Chloroform	ND		4.0	1.4	ug/L			02/05/13 18:29	4
Chloromethane	ND		4.0	1.4	ug/L			02/05/13 18:29	4
cis-1,2-Dichloroethene	**210**		4.0	3.2	ug/L			02/05/13 18:29	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/05/13 18:29	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/05/13 18:29	4
Methylene Chloride	**2.6**	**J**	4.0	1.8	ug/L			02/05/13 18:29	4
Styrene	ND		4.0	2.9	ug/L			02/05/13 18:29	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/05/13 18:29	4
Toluene	ND		4.0	2.0	ug/L			02/05/13 18:29	4
trans-1,2-Dichloroethene	**41**		4.0	3.6	ug/L			02/05/13 18:29	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/05/13 18:29	4
Trichloroethene	**260**		4.0	1.8	ug/L			02/05/13 18:29	4
Vinyl chloride	**4.4**		4.0	3.6	ug/L			02/05/13 18:29	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/05/13 18:29	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*02/05/13 18:29*	*4*
Toluene-d8 (Surr)	*115*		*71 - 126*		*02/05/13 18:29*	*4*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*02/05/13 18:29*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: EW-3D 020113

Lab Sample ID: 480-32467-9

Date Collected: 02/01/13 10:00

Matrix: Water

Date Received: 02/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			02/05/13 18:53	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/05/13 18:53	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/05/13 18:53	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			02/05/13 18:53	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			02/05/13 18:53	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/05/13 18:53	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/05/13 18:53	4
2-Hexanone	ND		20	5.0	ug/L			02/05/13 18:53	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/05/13 18:53	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/05/13 18:53	4
Acetone	ND		40	12	ug/L			02/05/13 18:53	4
Benzene	ND		4.0	1.6	ug/L			02/05/13 18:53	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/05/13 18:53	4
Bromoform	ND		4.0	1.0	ug/L			02/05/13 18:53	4
Bromomethane	ND		4.0	2.8	ug/L			02/05/13 18:53	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/05/13 18:53	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/05/13 18:53	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/05/13 18:53	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/05/13 18:53	4
Chloroethane	ND		4.0	1.3	ug/L			02/05/13 18:53	4
Chloroform	ND		4.0	1.4	ug/L			02/05/13 18:53	4
Chloromethane	ND		4.0	1.4	ug/L			02/05/13 18:53	4
cis-1,2-Dichloroethene	**210**		4.0	3.2	ug/L			02/05/13 18:53	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/05/13 18:53	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/05/13 18:53	4
Methylene Chloride	**2.6**	**J**	4.0	1.8	ug/L			02/05/13 18:53	4
Styrene	ND		4.0	2.9	ug/L			02/05/13 18:53	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/05/13 18:53	4
Toluene	ND		4.0	2.0	ug/L			02/05/13 18:53	4
trans-1,2-Dichloroethene	**43**		4.0	3.6	ug/L			02/05/13 18:53	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/05/13 18:53	4
Trichloroethene	**260**		4.0	1.8	ug/L			02/05/13 18:53	4
Vinyl chloride	**4.5**		4.0	3.6	ug/L			02/05/13 18:53	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/05/13 18:53	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*02/05/13 18:53*	*4*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/05/13 18:53*	*4*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*02/05/13 18:53*	*4*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-32467-1	Trip Blank	112	115	114
480-32467-2	EW-7S 020113	114	114	113
480-32467-3	EW-8D 020113	113	116	110
480-32467-4	EW-4P 020113	113	114	113
480-32467-5	EW-5P 020113	112	114	109
480-32467-6	EW-2P 020113	113	114	112
480-32467-7	EW-6P 020113	111	115	111
480-32467-8	ADW-100 020113	111	115	111
480-32467-9	EW-3D 020113	112	114	111
480-32467-9 MS	EW-3D 020113	110	113	111
480-32467-9 MSD	EW-3D 020113	111	115	112
LCS 480-102260/4	Lab Control Sample	113	114	114
LCS 480-102339/4	Lab Control Sample	112	117	116
MB 480-102260/7	Method Blank	115	113	113
MB 480-102339/5	Method Blank	110	113	113

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-102260/7
Matrix: Water
Analysis Batch: 102260

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/05/13 11:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/05/13 11:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/05/13 11:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/05/13 11:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/05/13 11:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/05/13 11:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/05/13 11:57	1
2-Hexanone	ND		5.0	1.2	ug/L			02/05/13 11:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/05/13 11:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/05/13 11:57	1
Acetone	ND		10	3.0	ug/L			02/05/13 11:57	1
Benzene	ND		1.0	0.41	ug/L			02/05/13 11:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/05/13 11:57	1
Bromoform	ND		1.0	0.26	ug/L			02/05/13 11:57	1
Bromomethane	ND		1.0	0.69	ug/L			02/05/13 11:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/05/13 11:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/05/13 11:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/05/13 11:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/05/13 11:57	1
Chloroethane	ND		1.0	0.32	ug/L			02/05/13 11:57	1
Chloroform	ND		1.0	0.34	ug/L			02/05/13 11:57	1
Chloromethane	ND		1.0	0.35	ug/L			02/05/13 11:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/05/13 11:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/05/13 11:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/05/13 11:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/05/13 11:57	1
Styrene	ND		1.0	0.73	ug/L			02/05/13 11:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/05/13 11:57	1
Toluene	ND		1.0	0.51	ug/L			02/05/13 11:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/05/13 11:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/05/13 11:57	1
Trichloroethene	ND		1.0	0.46	ug/L			02/05/13 11:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/05/13 11:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/05/13 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*02/05/13 11:57*	*1*
Toluene-d8 (Surr)	*113*		*71 - 126*		*02/05/13 11:57*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*02/05/13 11:57*	*1*

Lab Sample ID: LCS 480-102260/4
Matrix: Water
Analysis Batch: 102260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.8		ug/L		91	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.0		ug/L		84	70 - 126
1,1,2-Trichloroethane	25.0	21.1		ug/L		85	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-102260/4
Matrix: Water
Analysis Batch: 102260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.4		ug/L		89	71 - 129
1,1-Dichloroethene	25.0	23.5		ug/L		94	58 - 121
1,2-Dichloroethane	25.0	22.1		ug/L		88	75 - 127
1,2-Dichloropropane	25.0	22.4		ug/L		90	76 - 120
2-Hexanone	125	131		ug/L		105	65 - 127
2-Butanone (MEK)	125	132		ug/L		105	57 - 140
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		104	71 - 125
Acetone	125	135		ug/L		108	56 - 142
Benzene	25.0	22.8		ug/L		91	71 - 124
Bromodichloromethane	25.0	22.5		ug/L		90	80 - 122
Bromoform	25.0	21.8		ug/L		87	66 - 128
Bromomethane	25.0	21.9		ug/L		88	55 - 144
Carbon disulfide	25.0	23.2		ug/L		93	59 - 134
Carbon tetrachloride	25.0	23.2		ug/L		93	72 - 134
Chlorobenzene	25.0	21.4		ug/L		86	72 - 120
Dibromochloromethane	25.0	22.6		ug/L		90	75 - 125
Chloroethane	25.0	23.4		ug/L		94	69 - 136
Chloroform	25.0	21.9		ug/L		88	73 - 127
Chloromethane	25.0	21.8		ug/L		87	68 - 124
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	22.8		ug/L		91	74 - 124
Ethylbenzene	25.0	21.8		ug/L		87	77 - 123
Methylene Chloride	25.0	21.6		ug/L		86	57 - 132
Styrene	25.0	22.3		ug/L		89	70 - 130
Tetrachloroethene	25.0	23.1		ug/L		92	74 - 122
Toluene	25.0	21.9		ug/L		87	80 - 122
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	22.2		ug/L		89	72 - 123
Trichloroethene	25.0	23.1		ug/L		92	74 - 123
Vinyl chloride	25.0	21.6		ug/L		86	65 - 133
Xylenes, Total	75.0	65.5		ug/L		87	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*
Toluene-d8 (Surr)	*114*		*71 - 126*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*

Lab Sample ID: 480-32467-9 MS
Matrix: Water
Analysis Batch: 102260

Client Sample ID: EW-3D 020113
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		100	103		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	ND		100	97.4		ug/L		97	70 - 126
1,1,2-Trichloroethane	ND		100	95.9		ug/L		96	76 - 122
1,1-Dichloroethane	ND		100	98.7		ug/L		99	71 - 129
1,1-Dichloroethene	ND		100	105		ug/L		105	58 - 121
1,2-Dichloroethane	ND		100	96.9		ug/L		97	75 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-32467-9 MS
Matrix: Water
Analysis Batch: 102260

Client Sample ID: EW-3D 020113
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	ND		100	98.0		ug/L		98	76 - 120
2-Hexanone	ND		500	514		ug/L		103	65 - 127
2-Butanone (MEK)	ND		500	478		ug/L		96	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		500	508		ug/L		102	71 - 125
Acetone	ND		500	493		ug/L		99	56 - 142
Benzene	ND		100	102		ug/L		102	71 - 124
Bromodichloromethane	ND		100	96.9		ug/L		97	80 - 122
Bromoform	ND		100	82.7		ug/L		83	66 - 128
Bromomethane	ND		100	105		ug/L		105	55 - 144
Carbon disulfide	ND		100	84.2		ug/L		84	59 - 134
Carbon tetrachloride	ND		100	104		ug/L		104	72 - 134
Chlorobenzene	ND		100	95.8		ug/L		96	72 - 120
Dibromochloromethane	ND		100	90.9		ug/L		91	75 - 125
Chloroethane	ND		100	109		ug/L		109	69 - 136
Chloroform	ND		100	98.8		ug/L		99	73 - 127
Chloromethane	ND		100	97.4		ug/L		97	68 - 124
cis-1,2-Dichloroethene	210		100	289		ug/L		77	74 - 124
cis-1,3-Dichloropropene	ND		100	95.5		ug/L		96	74 - 124
Ethylbenzene	ND		100	97.6		ug/L		98	77 - 123
Methylene Chloride	2.6	J	100	95.5		ug/L		93	57 - 132
Styrene	ND		100	97.9		ug/L		98	70 - 130
Tetrachloroethene	ND		100	105		ug/L		105	74 - 122
Toluene	ND		100	98.7		ug/L		99	80 - 122
trans-1,2-Dichloroethene	43		100	142		ug/L		99	73 - 127
trans-1,3-Dichloropropene	ND		100	96.1		ug/L		96	72 - 123
Trichloroethene	260		100	326	F	ug/L		64	74 - 123
Vinyl chloride	4.5		100	105		ug/L		100	65 - 133
Xylenes, Total	ND		300	295		ug/L		98	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*
Toluene-d8 (Surr)	*113*		*71 - 126*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*

Lab Sample ID: 480-32467-9 MSD
Matrix: Water
Analysis Batch: 102260

Client Sample ID: EW-3D 020113
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		100	102		ug/L		102	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		100	96.5		ug/L		97	70 - 126	1	15
1,1,2-Trichloroethane	ND		100	91.2		ug/L		91	76 - 122	5	15
1,1-Dichloroethane	ND		100	97.9		ug/L		98	71 - 129	1	20
1,1-Dichloroethene	ND		100	107		ug/L		107	58 - 121	2	16
1,2-Dichloroethane	ND		100	99.3		ug/L		99	75 - 127	2	20
1,2-Dichloropropane	ND		100	97.4		ug/L		97	76 - 120	1	20
2-Hexanone	ND		500	489		ug/L		98	65 - 127	5	15
2-Butanone (MEK)	ND		500	493		ug/L		99	57 - 140	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-32467-9 MSD
Matrix: Water
Analysis Batch: 102260

Client Sample ID: EW-3D 020113
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	ND		500	494		ug/L		99	71 - 125	3	35
Acetone	ND		500	451		ug/L		90	56 - 142	9	15
Benzene	ND		100	99.6		ug/L		100	71 - 124	2	13
Bromodichloromethane	ND		100	97.1		ug/L		97	80 - 122	0	15
Bromoform	ND		100	81.4		ug/L		81	66 - 128	2	15
Bromomethane	ND		100	90.7		ug/L		91	55 - 144	15	15
Carbon disulfide	ND		100	81.2		ug/L		81	59 - 134	4	15
Carbon tetrachloride	ND		100	103		ug/L		103	72 - 134	2	15
Chlorobenzene	ND		100	96.1		ug/L		96	72 - 120	0	25
Dibromochloromethane	ND		100	90.4		ug/L		90	75 - 125	1	15
Chloroethane	ND		100	97.0		ug/L		97	69 - 136	12	15
Chloroform	ND		100	95.8		ug/L		96	73 - 127	3	20
Chloromethane	ND		100	99.4		ug/L		99	68 - 124	2	15
cis-1,2-Dichloroethene	210		100	290		ug/L		78	74 - 124	0	15
cis-1,3-Dichloropropene	ND		100	91.1		ug/L		91	74 - 124	5	15
Ethylbenzene	ND		100	95.0		ug/L		95	77 - 123	3	15
Methylene Chloride	2.6	J	100	98.4		ug/L		96	57 - 132	3	15
Styrene	ND		100	93.9		ug/L		94	70 - 130	4	20
Tetrachloroethene	ND		100	101		ug/L		101	74 - 122	5	20
Toluene	ND		100	96.1		ug/L		96	80 - 122	3	15
trans-1,2-Dichloroethene	43		100	140		ug/L		97	73 - 127	2	20
trans-1,3-Dichloropropene	ND		100	92.7		ug/L		93	72 - 123	4	15
Trichloroethene	260		100	320	F	ug/L		57	74 - 123	2	16
Vinyl chloride	4.5		100	101		ug/L		96	65 - 133	4	15
Xylenes, Total	ND		300	288		ug/L		96	76 - 122	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*
Toluene-d8 (Surr)	*115*		*71 - 126*
4-Bromofluorobenzene (Surr)	*112*		*73 - 120*

Lab Sample ID: MB 480-102339/5
Matrix: Water
Analysis Batch: 102339

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/05/13 22:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/05/13 22:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/05/13 22:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/05/13 22:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/05/13 22:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/05/13 22:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/05/13 22:57	1
2-Hexanone	ND		5.0	1.2	ug/L			02/05/13 22:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/05/13 22:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/05/13 22:57	1
Acetone	ND		10	3.0	ug/L			02/05/13 22:57	1
Benzene	ND		1.0	0.41	ug/L			02/05/13 22:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-102339/5
Matrix: Water
Analysis Batch: 102339

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			02/05/13 22:57	1
Bromoform	ND		1.0	0.26	ug/L			02/05/13 22:57	1
Bromomethane	ND		1.0	0.69	ug/L			02/05/13 22:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/05/13 22:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/05/13 22:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/05/13 22:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/05/13 22:57	1
Chloroethane	ND		1.0	0.32	ug/L			02/05/13 22:57	1
Chloroform	ND		1.0	0.34	ug/L			02/05/13 22:57	1
Chloromethane	ND		1.0	0.35	ug/L			02/05/13 22:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/05/13 22:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/05/13 22:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/05/13 22:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/05/13 22:57	1
Styrene	ND		1.0	0.73	ug/L			02/05/13 22:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/05/13 22:57	1
Toluene	ND		1.0	0.51	ug/L			02/05/13 22:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/05/13 22:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/05/13 22:57	1
Trichloroethene	ND		1.0	0.46	ug/L			02/05/13 22:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/05/13 22:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/05/13 22:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/05/13 22:57*	*1*
Toluene-d8 (Surr)	*113*		*71 - 126*		*02/05/13 22:57*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*02/05/13 22:57*	*1*

Lab Sample ID: LCS 480-102339/4
Matrix: Water
Analysis Batch: 102339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.5		ug/L		94	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.9		ug/L		87	70 - 126
1,1,2-Trichloroethane	25.0	23.1		ug/L		92	76 - 122
1,1-Dichloroethane	25.0	22.6		ug/L		90	71 - 129
1,1-Dichloroethene	25.0	22.5		ug/L		90	58 - 121
1,2-Dichloroethane	25.0	23.0		ug/L		92	75 - 127
1,2-Dichloropropane	25.0	22.9		ug/L		92	76 - 120
2-Hexanone	125	118		ug/L		95	65 - 127
2-Butanone (MEK)	125	117		ug/L		94	57 - 140
4-Methyl-2-pentanone (MIBK)	125	119		ug/L		95	71 - 125
Acetone	125	120		ug/L		96	56 - 142
Benzene	25.0	23.0		ug/L		92	71 - 124
Bromodichloromethane	25.0	23.6		ug/L		95	80 - 122
Bromoform	25.0	22.9		ug/L		92	66 - 128
Bromomethane	25.0	22.6		ug/L		91	55 - 144

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-102339/4
Matrix: Water
Analysis Batch: 102339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	25.0	20.1		ug/L		80	59 - 134
Carbon tetrachloride	25.0	23.4		ug/L		94	72 - 134
Chlorobenzene	25.0	22.7		ug/L		91	72 - 120
Dibromochloromethane	25.0	23.1		ug/L		92	75 - 125
Chloroethane	25.0	22.4		ug/L		89	69 - 136
Chloroform	25.0	22.7		ug/L		91	73 - 127
Chloromethane	25.0	20.8		ug/L		83	68 - 124
cis-1,2-Dichloroethene	25.0	23.0		ug/L		92	74 - 124
cis-1,3-Dichloropropene	25.0	23.5		ug/L		94	74 - 124
Ethylbenzene	25.0	22.9		ug/L		91	77 - 123
Methylene Chloride	25.0	22.1		ug/L		88	57 - 132
Styrene	25.0	23.1		ug/L		92	70 - 130
Tetrachloroethene	25.0	23.8		ug/L		95	74 - 122
Toluene	25.0	23.2		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	23.0		ug/L		92	72 - 123
Trichloroethene	25.0	23.5		ug/L		94	74 - 123
Vinyl chloride	25.0	20.8		ug/L		83	65 - 133
Xylenes, Total	75.0	69.1		ug/L		92	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*
Toluene-d8 (Surr)	*117*		*71 - 126*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

GC/MS VOA

Analysis Batch: 102260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-32467-1	Trip Blank	Total/NA	Water	8260B	
480-32467-3	EW-8D 020113	Total/NA	Water	8260B	
480-32467-4	EW-4P 020113	Total/NA	Water	8260B	
480-32467-5	EW-5P 020113	Total/NA	Water	8260B	
480-32467-6	EW-2P 020113	Total/NA	Water	8260B	
480-32467-7	EW-6P 020113	Total/NA	Water	8260B	
480-32467-8	ADW-100 020113	Total/NA	Water	8260B	
480-32467-9	EW-3D 020113	Total/NA	Water	8260B	
480-32467-9 MS	EW-3D 020113	Total/NA	Water	8260B	
480-32467-9 MSD	EW-3D 020113	Total/NA	Water	8260B	
LCS 480-102260/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-102260/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 102339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-32467-2	EW-7S 020113	Total/NA	Water	8260B	
LCS 480-102339/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-102339/5	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: Trip Blank — Lab Sample ID: 480-32467-1

Date Collected: 02/01/13 12:00 — **Matrix: Water**
Date Received: 02/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102260	02/05/13 15:41	RL	TAL BUF

Client Sample ID: EW-7S 020113 — Lab Sample ID: 480-32467-2

Date Collected: 02/01/13 09:15 — **Matrix: Water**
Date Received: 02/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102339	02/06/13 00:23	LH	TAL BUF

Client Sample ID: EW-8D 020113 — Lab Sample ID: 480-32467-3

Date Collected: 02/01/13 09:20 — **Matrix: Water**
Date Received: 02/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102260	02/05/13 16:29	RL	TAL BUF

Client Sample ID: EW-4P 020113 — Lab Sample ID: 480-32467-4

Date Collected: 02/01/13 09:30 — **Matrix: Water**
Date Received: 02/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	102260	02/05/13 16:53	RL	TAL BUF

Client Sample ID: EW-5P 020113 — Lab Sample ID: 480-32467-5

Date Collected: 02/01/13 09:35 — **Matrix: Water**
Date Received: 02/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	102260	02/05/13 17:17	RL	TAL BUF

Client Sample ID: EW-2P 020113 — Lab Sample ID: 480-32467-6

Date Collected: 02/01/13 09:40 — **Matrix: Water**
Date Received: 02/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	102260	02/05/13 17:41	RL	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Client Sample ID: EW-6P 020113

Lab Sample ID: 480-32467-7

Date Collected: 02/01/13 09:45
Matrix: Water
Date Received: 02/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	102260	02/05/13 18:05	RL	TAL BUF

Client Sample ID: ADW-100 020113

Lab Sample ID: 480-32467-8

Date Collected: 02/01/13 09:55
Matrix: Water
Date Received: 02/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	102260	02/05/13 18:29	RL	TAL BUF

Client Sample ID: EW-3D 020113

Lab Sample ID: 480-32467-9

Date Collected: 02/01/13 10:00
Matrix: Water
Date Received: 02/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	102260	02/05/13 18:53	RL	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32467-1
SDG: 480-32467

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-32467-1	Trip Blank	Water	02/01/13 12:00	02/02/13 09:30
480-32467-2	EW-7S 020113	Water	02/01/13 09:15	02/02/13 09:30
480-32467-3	EW-8D 020113	Water	02/01/13 09:20	02/02/13 09:30
480-32467-4	EW-4P 020113	Water	02/01/13 09:30	02/02/13 09:30
480-32467-5	EW-5P 020113	Water	02/01/13 09:35	02/02/13 09:30
480-32467-6	EW-2P 020113	Water	02/01/13 09:40	02/02/13 09:30
480-32467-7	EW-6P 020113	Water	02/01/13 09:45	02/02/13 09:30
480-32467-8	ADW-100 020113	Water	02/01/13 09:55	02/02/13 09:30
480-32467-9	EW-3D 020113	Water	02/01/13 10:00	02/02/13 09:30

Chain of Custody Record

TestAmerica Laboratory location: Buffalo 480-32467

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

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TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Troy Finch	Site Contact: Mike McLaughlin	Lab Contact: John Schove
Address: 8805 Governor's Hill Dr/Suite K4	Telephone: 248-477-5701	Telephone: 513-319-3860	Telephone: 716-504-9838
City/State/Zip: Cincinnati OH 45242	Email: Anthony.Finch@obg.com		
Phone: 513-697-2020			
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 48566	Shipping/Tracking No:		
PO# 11210686			

COC No: 59957

1 of 1 COCs

Analysis Turnaround Time (In BUS days)

TAT if different from below ____

☐ 3 weeks
☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

For lab use only

☐ Walk-in client
☐ Lab pickup
☐ Lab sampling

Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Analyses: VOCs (8260B)	Sample Specific Notes / Special Instructions:
Trip Blank	2-1-13			2						X					N	G	X	
EW-7S 020113		9:15		3						X					N	G	X	
EW-8D 020113		9:20		3						X					N	G	X	
EW-4P 020113		9:30		3						X					N	G	X	
EW-5P 020113		9:35		3						X					N	G	X	
EW-2P 020113		9:40		3						X					N	G	X	
EW-6P 020113		9:45		3						X					N	G	X	
ADW-100-020113		9:55		3						X					N	G	X	
EW-3D 020113 (MS/MSD)		10:00		9						X					N	G	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments:
Analyze per QAPP; Level III data package

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Mike McLaughlin	OBG	2-1-13 1335	[signature]	TA	2-1-13 13:38
[signature]	TA	2-1-13	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			[signature]	TA Buff	2/2/13 0930

7.3 #3

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TAL 0018- 1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-32467-1
SDG Number: 480-32467

Login Number: 32467
List Number: 1
Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-32468-1
TestAmerica Sample Delivery Group: 480-32468
Client Project/Site: GE - Evendale, OH site

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
2/12/2013 4:02:05 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

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Visit us at: www.testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32468-1
SDG: 480-32468

Job ID: 480-32468-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-32468-1

Comments
No additional comments.

Receipt
The samples were received on 2/2/2013 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.3º C.

GC/MS VOA
Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: INFLUENT 020113 (480-32468-1), MIXING TANK 020113 (480-32468-2). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32468-1
SDG: 480-32468

Client Sample ID: INFLUENT 020113 — Lab Sample ID: 480-32468-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	46		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	6.7		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	3.3	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	59		4.0	3.2	ug/L	4		8260B	Total/NA
Methylene Chloride	3.2	J	4.0	1.8	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	8.6		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	170		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	16		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: MIXING TANK 020113 — Lab Sample ID: 480-32468-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	52		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	7.2		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	3.0	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	49		4.0	3.2	ug/L	4		8260B	Total/NA
Methylene Chloride	3.8	J	4.0	1.8	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	6.8		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	170		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	13		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: EFFLUENT 020113 — Lab Sample ID: 480-32468-3

No Detections

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32468-1
SDG: 480-32468

Client Sample ID: INFLUENT 020113

Lab Sample ID: 480-32468-1

Date Collected: 02/01/13 08:30
Matrix: Water
Date Received: 02/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**46**		4.0	3.3	ug/L			02/05/13 20:08	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/05/13 20:08	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/05/13 20:08	4
1,1-Dichloroethane	**6.7**		4.0	1.5	ug/L			02/05/13 20:08	4
1,1-Dichloroethene	**3.3**	**J**	4.0	1.2	ug/L			02/05/13 20:08	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/05/13 20:08	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/05/13 20:08	4
2-Hexanone	ND		20	5.0	ug/L			02/05/13 20:08	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/05/13 20:08	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/05/13 20:08	4
Acetone	ND		40	12	ug/L			02/05/13 20:08	4
Benzene	ND		4.0	1.6	ug/L			02/05/13 20:08	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/05/13 20:08	4
Bromoform	ND		4.0	1.0	ug/L			02/05/13 20:08	4
Bromomethane	ND		4.0	2.8	ug/L			02/05/13 20:08	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/05/13 20:08	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/05/13 20:08	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/05/13 20:08	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/05/13 20:08	4
Chloroethane	ND		4.0	1.3	ug/L			02/05/13 20:08	4
Chloroform	ND		4.0	1.4	ug/L			02/05/13 20:08	4
Chloromethane	ND		4.0	1.4	ug/L			02/05/13 20:08	4
cis-1,2-Dichloroethene	**59**		4.0	3.2	ug/L			02/05/13 20:08	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/05/13 20:08	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/05/13 20:08	4
Methylene Chloride	**3.2**	**J**	4.0	1.8	ug/L			02/05/13 20:08	4
Styrene	ND		4.0	2.9	ug/L			02/05/13 20:08	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/05/13 20:08	4
Toluene	ND		4.0	2.0	ug/L			02/05/13 20:08	4
trans-1,2-Dichloroethene	**8.6**		4.0	3.6	ug/L			02/05/13 20:08	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/05/13 20:08	4
Trichloroethene	**170**		4.0	1.8	ug/L			02/05/13 20:08	4
Vinyl chloride	**16**		4.0	3.6	ug/L			02/05/13 20:08	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/05/13 20:08	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*66 - 137*		*02/05/13 20:08*	*4*
Toluene-d8 (Surr)	*112*		*71 - 126*		*02/05/13 20:08*	*4*
4-Bromofluorobenzene (Surr)	*112*		*73 - 120*		*02/05/13 20:08*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32468-1
SDG: 480-32468

Client Sample ID: MIXING TANK 020113

Lab Sample ID: 480-32468-2

Date Collected: 02/01/13 08:35
Matrix: Water
Date Received: 02/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**52**		4.0	3.3	ug/L			02/05/13 20:32	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/05/13 20:32	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/05/13 20:32	4
1,1-Dichloroethane	**7.2**		4.0	1.5	ug/L			02/05/13 20:32	4
1,1-Dichloroethene	**3.0**	**J**	4.0	1.2	ug/L			02/05/13 20:32	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/05/13 20:32	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/05/13 20:32	4
2-Hexanone	ND		20	5.0	ug/L			02/05/13 20:32	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/05/13 20:32	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/05/13 20:32	4
Acetone	ND		40	12	ug/L			02/05/13 20:32	4
Benzene	ND		4.0	1.6	ug/L			02/05/13 20:32	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/05/13 20:32	4
Bromoform	ND		4.0	1.0	ug/L			02/05/13 20:32	4
Bromomethane	ND		4.0	2.8	ug/L			02/05/13 20:32	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/05/13 20:32	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/05/13 20:32	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/05/13 20:32	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/05/13 20:32	4
Chloroethane	ND		4.0	1.3	ug/L			02/05/13 20:32	4
Chloroform	ND		4.0	1.4	ug/L			02/05/13 20:32	4
Chloromethane	ND		4.0	1.4	ug/L			02/05/13 20:32	4
cis-1,2-Dichloroethene	**49**		4.0	3.2	ug/L			02/05/13 20:32	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/05/13 20:32	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/05/13 20:32	4
Methylene Chloride	**3.8**	**J**	4.0	1.8	ug/L			02/05/13 20:32	4
Styrene	ND		4.0	2.9	ug/L			02/05/13 20:32	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/05/13 20:32	4
Toluene	ND		4.0	2.0	ug/L			02/05/13 20:32	4
trans-1,2-Dichloroethene	**6.8**		4.0	3.6	ug/L			02/05/13 20:32	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/05/13 20:32	4
Trichloroethene	**170**		4.0	1.8	ug/L			02/05/13 20:32	4
Vinyl chloride	**13**		4.0	3.6	ug/L			02/05/13 20:32	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/05/13 20:32	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/05/13 20:32*	*4*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/05/13 20:32*	*4*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*02/05/13 20:32*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32468-1
SDG: 480-32468

Client Sample ID: EFFLUENT 020113

Lab Sample ID: 480-32468-3

Date Collected: 02/01/13 08:40
Matrix: Water
Date Received: 02/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/05/13 20:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/05/13 20:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/05/13 20:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/05/13 20:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/05/13 20:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/05/13 20:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/05/13 20:56	1
2-Hexanone	ND		5.0	1.2	ug/L			02/05/13 20:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/05/13 20:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/05/13 20:56	1
Acetone	ND		10	3.0	ug/L			02/05/13 20:56	1
Benzene	ND		1.0	0.41	ug/L			02/05/13 20:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/05/13 20:56	1
Bromoform	ND		1.0	0.26	ug/L			02/05/13 20:56	1
Bromomethane	ND		1.0	0.69	ug/L			02/05/13 20:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/05/13 20:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/05/13 20:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/05/13 20:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/05/13 20:56	1
Chloroethane	ND		1.0	0.32	ug/L			02/05/13 20:56	1
Chloroform	ND		1.0	0.34	ug/L			02/05/13 20:56	1
Chloromethane	ND		1.0	0.35	ug/L			02/05/13 20:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/05/13 20:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/05/13 20:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/05/13 20:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/05/13 20:56	1
Styrene	ND		1.0	0.73	ug/L			02/05/13 20:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/05/13 20:56	1
Toluene	ND		1.0	0.51	ug/L			02/05/13 20:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/05/13 20:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/05/13 20:56	1
Trichloroethene	ND		1.0	0.46	ug/L			02/05/13 20:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/05/13 20:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/05/13 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*02/05/13 20:56*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/05/13 20:56*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*02/05/13 20:56*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32468-1
SDG: 480-32468

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-32468-1	INFLUENT 020113	114	112	112
480-32468-2	MIXING TANK 020113	110	114	113
480-32468-3	EFFLUENT 020113	113	114	109
LCS 480-102260/4	Lab Control Sample	113	114	114
MB 480-102260/7	Method Blank	115	113	113

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-102260/7
Matrix: Water
Analysis Batch: 102260

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/05/13 11:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/05/13 11:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/05/13 11:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/05/13 11:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/05/13 11:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/05/13 11:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/05/13 11:57	1
2-Hexanone	ND		5.0	1.2	ug/L			02/05/13 11:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/05/13 11:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/05/13 11:57	1
Acetone	ND		10	3.0	ug/L			02/05/13 11:57	1
Benzene	ND		1.0	0.41	ug/L			02/05/13 11:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/05/13 11:57	1
Bromoform	ND		1.0	0.26	ug/L			02/05/13 11:57	1
Bromomethane	ND		1.0	0.69	ug/L			02/05/13 11:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/05/13 11:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/05/13 11:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/05/13 11:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/05/13 11:57	1
Chloroethane	ND		1.0	0.32	ug/L			02/05/13 11:57	1
Chloroform	ND		1.0	0.34	ug/L			02/05/13 11:57	1
Chloromethane	ND		1.0	0.35	ug/L			02/05/13 11:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/05/13 11:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/05/13 11:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/05/13 11:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/05/13 11:57	1
Styrene	ND		1.0	0.73	ug/L			02/05/13 11:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/05/13 11:57	1
Toluene	ND		1.0	0.51	ug/L			02/05/13 11:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/05/13 11:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/05/13 11:57	1
Trichloroethene	ND		1.0	0.46	ug/L			02/05/13 11:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/05/13 11:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/05/13 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*02/05/13 11:57*	*1*
Toluene-d8 (Surr)	*113*		*71 - 126*		*02/05/13 11:57*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*02/05/13 11:57*	*1*

Lab Sample ID: LCS 480-102260/4
Matrix: Water
Analysis Batch: 102260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.8		ug/L		91	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.0		ug/L		84	70 - 126
1,1,2-Trichloroethane	25.0	21.1		ug/L		85	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-102260/4
Matrix: Water
Analysis Batch: 102260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.4		ug/L		89	71 - 129
1,1-Dichloroethene	25.0	23.5		ug/L		94	58 - 121
1,2-Dichloroethane	25.0	22.1		ug/L		88	75 - 127
1,2-Dichloropropane	25.0	22.4		ug/L		90	76 - 120
2-Hexanone	125	131		ug/L		105	65 - 127
2-Butanone (MEK)	125	132		ug/L		105	57 - 140
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		104	71 - 125
Acetone	125	135		ug/L		108	56 - 142
Benzene	25.0	22.8		ug/L		91	71 - 124
Bromodichloromethane	25.0	22.5		ug/L		90	80 - 122
Bromoform	25.0	21.8		ug/L		87	66 - 128
Bromomethane	25.0	21.9		ug/L		88	55 - 144
Carbon disulfide	25.0	23.2		ug/L		93	59 - 134
Carbon tetrachloride	25.0	23.2		ug/L		93	72 - 134
Chlorobenzene	25.0	21.4		ug/L		86	72 - 120
Dibromochloromethane	25.0	22.6		ug/L		90	75 - 125
Chloroethane	25.0	23.4		ug/L		94	69 - 136
Chloroform	25.0	21.9		ug/L		88	73 - 127
Chloromethane	25.0	21.8		ug/L		87	68 - 124
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	22.8		ug/L		91	74 - 124
Ethylbenzene	25.0	21.8		ug/L		87	77 - 123
Methylene Chloride	25.0	21.6		ug/L		86	57 - 132
Styrene	25.0	22.3		ug/L		89	70 - 130
Tetrachloroethene	25.0	23.1		ug/L		92	74 - 122
Toluene	25.0	21.9		ug/L		87	80 - 122
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	22.2		ug/L		89	72 - 123
Trichloroethene	25.0	23.1		ug/L		92	74 - 123
Vinyl chloride	25.0	21.6		ug/L		86	65 - 133
Xylenes, Total	75.0	65.5		ug/L		87	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*
Toluene-d8 (Surr)	*114*		*71 - 126*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32468-1
SDG: 480-32468

GC/MS VOA

Analysis Batch: 102260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-32468-1	INFLUENT 020113	Total/NA	Water	8260B	
480-32468-2	MIXING TANK 020113	Total/NA	Water	8260B	
480-32468-3	EFFLUENT 020113	Total/NA	Water	8260B	
LCS 480-102260/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-102260/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32468-1
SDG: 480-32468

Client Sample ID: INFLUENT 020113

Lab Sample ID: 480-32468-1
Date Collected: 02/01/13 08:30
Matrix: Water
Date Received: 02/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	102260	02/05/13 20:08	RL	TAL BUF

Client Sample ID: MIXING TANK 020113

Lab Sample ID: 480-32468-2
Date Collected: 02/01/13 08:35
Matrix: Water
Date Received: 02/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	102260	02/05/13 20:32	RL	TAL BUF

Client Sample ID: EFFLUENT 020113

Lab Sample ID: 480-32468-3
Date Collected: 02/01/13 08:40
Matrix: Water
Date Received: 02/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102260	02/05/13 20:56	RL	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32468-1
SDG: 480-32468

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-13
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-13
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32468-1
SDG: 480-32468

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-32468-1
SDG: 480-32468

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-32468-1	INFLUENT 020113	Water	02/01/13 08:30	02/02/13 09:30
480-32468-2	MIXING TANK 020113	Water	02/01/13 08:35	02/02/13 09:30
480-32468-3	EFFLUENT 020113	Water	02/01/13 08:40	02/02/13 09:30

Chain of Custody Record

480-32468

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: O'Brien & Gere	Client Project Manager: Scott McQueen	Site Contact: Mike McLaughlin	Lab Contact: John Schove	COC No: 054081
Address: 8805 Governors Hill Dr/suite 164	Telephone: 484-804-7220	Telephone: 513-319-3860	Telephone: 716-504-9838	1 of 1 COCs
City/State/Zip: Cincinnati OH 45042	Email: Scott.McQueen@obg.com			
Phone: 513-647-2020				
Project Name: GE IRM Project	Method of Shipment/Carrier:			
Project Number: 48712	Shipping/Tracking No:			
PO# 18120017				

Analysis Turnaround Time (in BUS days)
TAT if different from below
☐ 3 weeks
☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

For lab use only
Walk-in client ☐
Lab pickup ☐
Lab sampling ☐
Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite-C/Grab-G	Analyses: PCBs (8260B)	Sample Specific Notes / Special Instructions:
Influent 020113	2-1-13	8:30		X						3					N	G	X	
Mixing Tank 020113	2-1-13	8:35		X						3					N	G	X	
Effluent 020113	2-1-13	8:40		X						3					N	G	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Use Trip blank in project 48566 - Analyze per QAPP; level III data package

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Mike McLaughlin	OBG	2-1-13 1335	[signature]	TA	2-1-13 13:35
[signature]	TA	2-1-13			
			Received in Laboratory by: [signature]	[signature]	2/2/13 0930

2.3 #3

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TAL 0018- 1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-32468-1
SDG Number: 480-32468

Login Number: 32468
List Number: 1
Creator: Kolb, Chris M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-32923-1
TestAmerica Sample Delivery Group: 480-32923
Client Project/Site: GE IRM Project

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
2/22/2013 4:30:46 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-32923-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-32923-1

Comments
No additional comments.

Receipt
The samples were received on 2/13/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1º C.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: INFLUENT 020713 (480-32923-2), MIXING TANK 020713 (480-32923-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 103989 exceeded control limits for the following analytes:2-Butanone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-32923-1
SDG: 480-32923

Client Sample ID: Trip Blank — Lab Sample ID: 480-32923-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.4	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: INFLUENT 020713 — Lab Sample ID: 480-32923-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	52		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	7.5		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	3.8	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	51		4.0	3.2	ug/L	4		8260B	Total/NA
Methylene Chloride	3.2	J	4.0	1.8	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	7.7		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	180		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	14		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: MIXING TANK 020713 — Lab Sample ID: 480-32923-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	49		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	7.1		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	4.5		4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	51		4.0	3.2	ug/L	4		8260B	Total/NA
Methylene Chloride	3.5	J	4.0	1.8	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	7.6		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	170		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	12		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: EFFLUENT 020713 — Lab Sample ID: 480-32923-4

No Detections

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-32923-1
SDG: 480-32923

Client Sample ID: Trip Blank

Lab Sample ID: 480-32923-1

Date Collected: 02/07/13 00:00
Matrix: Water
Date Received: 02/13/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/19/13 14:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/19/13 14:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/19/13 14:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/19/13 14:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/19/13 14:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/19/13 14:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/19/13 14:40	1
2-Hexanone	ND		5.0	1.2	ug/L			02/19/13 14:40	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/19/13 14:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/19/13 14:40	1
Acetone	**8.4**	**J**	10	3.0	ug/L			02/19/13 14:40	1
Benzene	ND		1.0	0.41	ug/L			02/19/13 14:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/19/13 14:40	1
Bromoform	ND		1.0	0.26	ug/L			02/19/13 14:40	1
Bromomethane	ND		1.0	0.69	ug/L			02/19/13 14:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/19/13 14:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/19/13 14:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/19/13 14:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/19/13 14:40	1
Chloroethane	ND		1.0	0.32	ug/L			02/19/13 14:40	1
Chloroform	ND		1.0	0.34	ug/L			02/19/13 14:40	1
Chloromethane	ND		1.0	0.35	ug/L			02/19/13 14:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/19/13 14:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/19/13 14:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/19/13 14:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/19/13 14:40	1
Styrene	ND		1.0	0.73	ug/L			02/19/13 14:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/19/13 14:40	1
Toluene	ND		1.0	0.51	ug/L			02/19/13 14:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/19/13 14:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/19/13 14:40	1
Trichloroethene	ND		1.0	0.46	ug/L			02/19/13 14:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/19/13 14:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/19/13 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*02/19/13 14:40*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*02/19/13 14:40*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*02/19/13 14:40*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-32923-1
SDG: 480-32923

Client Sample ID: INFLUENT 020713

Lab Sample ID: 480-32923-2

Date Collected: 02/07/13 06:45
Matrix: Water
Date Received: 02/13/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**52**		4.0	3.3	ug/L			02/19/13 15:04	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/19/13 15:04	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/19/13 15:04	4
1,1-Dichloroethane	**7.5**		4.0	1.5	ug/L			02/19/13 15:04	4
1,1-Dichloroethene	**3.8**	**J**	4.0	1.2	ug/L			02/19/13 15:04	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/19/13 15:04	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/19/13 15:04	4
2-Hexanone	ND		20	5.0	ug/L			02/19/13 15:04	4
2-Butanone (MEK)	ND	*	40	5.3	ug/L			02/19/13 15:04	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/19/13 15:04	4
Acetone	ND		40	12	ug/L			02/19/13 15:04	4
Benzene	ND		4.0	1.6	ug/L			02/19/13 15:04	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/19/13 15:04	4
Bromoform	ND		4.0	1.0	ug/L			02/19/13 15:04	4
Bromomethane	ND		4.0	2.8	ug/L			02/19/13 15:04	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/19/13 15:04	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/19/13 15:04	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/19/13 15:04	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/19/13 15:04	4
Chloroethane	ND		4.0	1.3	ug/L			02/19/13 15:04	4
Chloroform	ND		4.0	1.4	ug/L			02/19/13 15:04	4
Chloromethane	ND		4.0	1.4	ug/L			02/19/13 15:04	4
cis-1,2-Dichloroethene	**51**		4.0	3.2	ug/L			02/19/13 15:04	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/19/13 15:04	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/19/13 15:04	4
Methylene Chloride	**3.2**	**J**	4.0	1.8	ug/L			02/19/13 15:04	4
Styrene	ND		4.0	2.9	ug/L			02/19/13 15:04	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/19/13 15:04	4
Toluene	ND		4.0	2.0	ug/L			02/19/13 15:04	4
trans-1,2-Dichloroethene	**7.7**		4.0	3.6	ug/L			02/19/13 15:04	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/19/13 15:04	4
Trichloroethene	**180**		4.0	1.8	ug/L			02/19/13 15:04	4
Vinyl chloride	**14**		4.0	3.6	ug/L			02/19/13 15:04	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/19/13 15:04	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*02/19/13 15:04*	*4*
Toluene-d8 (Surr)	*104*		*71 - 126*		*02/19/13 15:04*	*4*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*02/19/13 15:04*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-32923-1
SDG: 480-32923

Client Sample ID: MIXING TANK 020713

Lab Sample ID: 480-32923-3

Date Collected: 02/07/13 06:50
Matrix: Water
Date Received: 02/13/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**49**		4.0	3.3	ug/L			02/19/13 15:28	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/19/13 15:28	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/19/13 15:28	4
1,1-Dichloroethane	**7.1**		4.0	1.5	ug/L			02/19/13 15:28	4
1,1-Dichloroethene	**4.5**		4.0	1.2	ug/L			02/19/13 15:28	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/19/13 15:28	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/19/13 15:28	4
2-Hexanone	ND		20	5.0	ug/L			02/19/13 15:28	4
2-Butanone (MEK)	ND	*	40	5.3	ug/L			02/19/13 15:28	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/19/13 15:28	4
Acetone	ND		40	12	ug/L			02/19/13 15:28	4
Benzene	ND		4.0	1.6	ug/L			02/19/13 15:28	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/19/13 15:28	4
Bromoform	ND		4.0	1.0	ug/L			02/19/13 15:28	4
Bromomethane	ND		4.0	2.8	ug/L			02/19/13 15:28	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/19/13 15:28	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/19/13 15:28	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/19/13 15:28	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/19/13 15:28	4
Chloroethane	ND		4.0	1.3	ug/L			02/19/13 15:28	4
Chloroform	ND		4.0	1.4	ug/L			02/19/13 15:28	4
Chloromethane	ND		4.0	1.4	ug/L			02/19/13 15:28	4
cis-1,2-Dichloroethene	**51**		4.0	3.2	ug/L			02/19/13 15:28	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/19/13 15:28	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/19/13 15:28	4
Methylene Chloride	**3.5**	**J**	4.0	1.8	ug/L			02/19/13 15:28	4
Styrene	ND		4.0	2.9	ug/L			02/19/13 15:28	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/19/13 15:28	4
Toluene	ND		4.0	2.0	ug/L			02/19/13 15:28	4
trans-1,2-Dichloroethene	**7.6**		4.0	3.6	ug/L			02/19/13 15:28	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/19/13 15:28	4
Trichloroethene	**170**		4.0	1.8	ug/L			02/19/13 15:28	4
Vinyl chloride	**12**		4.0	3.6	ug/L			02/19/13 15:28	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/19/13 15:28	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*02/19/13 15:28*	*4*
Toluene-d8 (Surr)	*102*		*71 - 126*		*02/19/13 15:28*	*4*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*02/19/13 15:28*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-32923-1
SDG: 480-32923

Client Sample ID: EFFLUENT 020713

Lab Sample ID: 480-32923-4

Date Collected: 02/07/13 06:40
Matrix: Water
Date Received: 02/13/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/19/13 15:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/19/13 15:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/19/13 15:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/19/13 15:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/19/13 15:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/19/13 15:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/19/13 15:52	1
2-Hexanone	ND		5.0	1.2	ug/L			02/19/13 15:52	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/19/13 15:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/19/13 15:52	1
Acetone	ND		10	3.0	ug/L			02/19/13 15:52	1
Benzene	ND		1.0	0.41	ug/L			02/19/13 15:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/19/13 15:52	1
Bromoform	ND		1.0	0.26	ug/L			02/19/13 15:52	1
Bromomethane	ND		1.0	0.69	ug/L			02/19/13 15:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/19/13 15:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/19/13 15:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/19/13 15:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/19/13 15:52	1
Chloroethane	ND		1.0	0.32	ug/L			02/19/13 15:52	1
Chloroform	ND		1.0	0.34	ug/L			02/19/13 15:52	1
Chloromethane	ND		1.0	0.35	ug/L			02/19/13 15:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/19/13 15:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/19/13 15:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/19/13 15:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/19/13 15:52	1
Styrene	ND		1.0	0.73	ug/L			02/19/13 15:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/19/13 15:52	1
Toluene	ND		1.0	0.51	ug/L			02/19/13 15:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/19/13 15:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/19/13 15:52	1
Trichloroethene	ND		1.0	0.46	ug/L			02/19/13 15:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/19/13 15:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/19/13 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*02/19/13 15:52*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*02/19/13 15:52*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*02/19/13 15:52*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-32923-1
SDG: 480-32923

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-32923-1	Trip Blank	99	103	106
480-32923-2	INFLUENT 020713	99	104	108
480-32923-3	MIXING TANK 020713	103	102	106
480-32923-4	EFFLUENT 020713	100	103	111
LCS 480-103989/4	Lab Control Sample	100	99	108
MB 480-103989/7	Method Blank	100	103	105

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-103989/7
Matrix: Water
Analysis Batch: 103989

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/19/13 13:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/19/13 13:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/19/13 13:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/19/13 13:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/19/13 13:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/19/13 13:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/19/13 13:10	1
2-Hexanone	ND		5.0	1.2	ug/L			02/19/13 13:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/19/13 13:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/19/13 13:10	1
Acetone	ND		10	3.0	ug/L			02/19/13 13:10	1
Benzene	ND		1.0	0.41	ug/L			02/19/13 13:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/19/13 13:10	1
Bromoform	ND		1.0	0.26	ug/L			02/19/13 13:10	1
Bromomethane	ND		1.0	0.69	ug/L			02/19/13 13:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/19/13 13:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/19/13 13:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/19/13 13:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/19/13 13:10	1
Chloroethane	ND		1.0	0.32	ug/L			02/19/13 13:10	1
Chloroform	ND		1.0	0.34	ug/L			02/19/13 13:10	1
Chloromethane	ND		1.0	0.35	ug/L			02/19/13 13:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/19/13 13:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/19/13 13:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/19/13 13:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/19/13 13:10	1
Styrene	ND		1.0	0.73	ug/L			02/19/13 13:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/19/13 13:10	1
Toluene	ND		1.0	0.51	ug/L			02/19/13 13:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/19/13 13:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/19/13 13:10	1
Trichloroethene	ND		1.0	0.46	ug/L			02/19/13 13:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/19/13 13:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/19/13 13:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*02/19/13 13:10*	*1*
Toluene-d8 (Surr)	*103*		*71 - 126*		*02/19/13 13:10*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/19/13 13:10*	*1*

Lab Sample ID: LCS 480-103989/4
Matrix: Water
Analysis Batch: 103989

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	27.3		ug/L		109	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.1		ug/L		101	70 - 126
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-103989/4
Matrix: Water
Analysis Batch: 103989

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	26.8		ug/L		107	71 - 129
1,1-Dichloroethene	25.0	28.8		ug/L		115	58 - 121
1,2-Dichloroethane	25.0	26.5		ug/L		106	75 - 127
1,2-Dichloropropane	25.0	27.0		ug/L		108	76 - 120
2-Hexanone	125	130		ug/L		104	65 - 127
2-Butanone (MEK)	125	183	*	ug/L		147	57 - 140
4-Methyl-2-pentanone (MIBK)	125	128		ug/L		102	71 - 125
Acetone	125	140		ug/L		112	56 - 142
Benzene	25.0	27.0		ug/L		108	71 - 124
Bromodichloromethane	25.0	26.9		ug/L		108	80 - 122
Bromoform	25.0	27.9		ug/L		111	66 - 128
Bromomethane	25.0	27.1		ug/L		108	55 - 144
Carbon disulfide	25.0	28.8		ug/L		115	59 - 134
Carbon tetrachloride	25.0	25.6		ug/L		103	72 - 134
Chlorobenzene	25.0	25.8		ug/L		103	72 - 120
Dibromochloromethane	25.0	27.1		ug/L		108	75 - 125
Chloroethane	25.0	26.6		ug/L		106	69 - 136
Chloroform	25.0	26.5		ug/L		106	73 - 127
Chloromethane	25.0	25.2		ug/L		101	68 - 124
cis-1,2-Dichloroethene	25.0	27.9		ug/L		112	74 - 124
cis-1,3-Dichloropropene	25.0	27.3		ug/L		109	74 - 124
Ethylbenzene	25.0	26.3		ug/L		105	77 - 123
Methylene Chloride	25.0	25.6		ug/L		103	57 - 132
Styrene	25.0	26.2		ug/L		105	70 - 130
Tetrachloroethene	25.0	29.9		ug/L		120	74 - 122
Toluene	25.0	26.0		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	28.2		ug/L		113	73 - 127
trans-1,3-Dichloropropene	25.0	26.1		ug/L		104	72 - 123
Trichloroethene	25.0	27.3		ug/L		109	74 - 123
Vinyl chloride	25.0	23.3		ug/L		93	65 - 133
Xylenes, Total	75.0	78.3		ug/L		104	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*
Toluene-d8 (Surr)	*99*		*71 - 126*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-32923-1
SDG: 480-32923

GC/MS VOA

Analysis Batch: 103989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-32923-1	Trip Blank	Total/NA	Water	8260B	
480-32923-2	INFLUENT 020713	Total/NA	Water	8260B	
480-32923-3	MIXING TANK 020713	Total/NA	Water	8260B	
480-32923-4	EFFLUENT 020713	Total/NA	Water	8260B	
LCS 480-103989/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-103989/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-32923-1
SDG: 480-32923

Client Sample ID: Trip Blank — Lab Sample ID: 480-32923-1

Date Collected: 02/07/13 00:00 — **Matrix: Water**
Date Received: 02/13/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	103989	02/19/13 14:40	LH	TAL BUF

Client Sample ID: INFLUENT 020713 — Lab Sample ID: 480-32923-2

Date Collected: 02/07/13 06:45 — **Matrix: Water**
Date Received: 02/13/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	103989	02/19/13 15:04	LH	TAL BUF

Client Sample ID: MIXING TANK 020713 — Lab Sample ID: 480-32923-3

Date Collected: 02/07/13 06:50 — **Matrix: Water**
Date Received: 02/13/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	103989	02/19/13 15:28	LH	TAL BUF

Client Sample ID: EFFLUENT 020713 — Lab Sample ID: 480-32923-4

Date Collected: 02/07/13 06:40 — **Matrix: Water**
Date Received: 02/13/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	103989	02/19/13 15:52	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-32923-1
SDG: 480-32923

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-32923-1
SDG: 480-32923

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-32923-1
SDG: 480-32923

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-32923-1	Trip Blank	Water	02/07/13 00:00	02/13/13 09:00
480-32923-2	INFLUENT 020713	Water	02/07/13 06:45	02/13/13 09:00
480-32923-3	MIXING TANK 020713	Water	02/07/13 06:50	02/13/13 09:00
480-32923-4	EFFLUENT 020713	Water	02/07/13 06:40	02/13/13 09:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: O'Brien & Gere, Inc	Client Project Manager: Scott McQueen	Site Contact: Mike McLoughlin	Lab Contact: John Schove	COC No: 045015
Address: 8805 Governor's Hill Dr	Telephone: 484-804-7220	Telephone: 513-319-3860	Telephone: 716-504-9838	1 of 1 COCs
City/State/Zip: Cincinnati OH 45044	Email: Scott.McQueen@OBG.com	Analysis Turnaround Time (in BUS days)	Analyses	
Phone: 513-697-2020		TAT if different from below ____ ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
Project Name: GE IRM Project	Method of Shipment/Carrier:			
Project Number: 50127	Shipping/Tracking No:			
PO# 181210017				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	[illegible]	[illegible]	VOCs (8260B)	Sample Specific Notes / Special Instructions:
Trip Blank	2-7-13			X						2					N	G	X	
Influent 020713	↓	6:45		X						3					N	G	X	
Mixing Tank 020713	↓	6:50		X						3					N	G	X	
Effluent 020713	↓	6:40		X						3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments: Analyze per QAPP; Level III Data Package

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Mike McLoughlin	OBG	2-12-13 1402	[signature]	TestAmerica	2-12-13/14:02
[signature]	TestAmerica	2-12-13/14:10	[signature]	[signature]	2/13/13 0900
			Received in Laboratory by:		

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2.1#3

TAL 0018-1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-32923-1
SDG Number: 480-32923

Login Number: 32923
List Number: 1
Creator: Robitaille, Zach L

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-33157-1
Client Project/Site: GE - Evendale, OH site

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
2/26/2013 4:15:40 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33157-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-33157-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-33157-1

Comments
No additional comments.

Receipt
The samples were received on 2/19/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: (480-33157-2 MS), (480-33157-2 MSD), INFLUENT 021813 (480-33157-2), MIXING TANK 021813 (480-33157-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 104185 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33157-1

Client Sample ID: Trip Blank — Lab Sample ID: 480-33157-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.5	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: INFLUENT 021813 — Lab Sample ID: 480-33157-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	53		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	7.7		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.1	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	54		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	8.8		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	170		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	22		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: MIXING TANK 021813 — Lab Sample ID: 480-33157-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	54		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	8.2		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	1.8	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	49		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	7.4		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	170		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	17		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: EFFLUENT 021813 — Lab Sample ID: 480-33157-4

No Detections

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33157-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-33157-1

Date Collected: 02/18/13 00:00

Matrix: Water

Date Received: 02/19/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/20/13 19:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/20/13 19:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/20/13 19:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/20/13 19:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/20/13 19:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/20/13 19:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/20/13 19:51	1
2-Hexanone	ND		5.0	1.2	ug/L			02/20/13 19:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/20/13 19:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/20/13 19:51	1
Acetone	**9.5**	**J**	10	3.0	ug/L			02/20/13 19:51	1
Benzene	ND		1.0	0.41	ug/L			02/20/13 19:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/20/13 19:51	1
Bromoform	ND		1.0	0.26	ug/L			02/20/13 19:51	1
Bromomethane	ND		1.0	0.69	ug/L			02/20/13 19:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/20/13 19:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/20/13 19:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/20/13 19:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/20/13 19:51	1
Chloroethane	ND		1.0	0.32	ug/L			02/20/13 19:51	1
Chloroform	ND		1.0	0.34	ug/L			02/20/13 19:51	1
Chloromethane	ND		1.0	0.35	ug/L			02/20/13 19:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/20/13 19:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/20/13 19:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/20/13 19:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/20/13 19:51	1
Styrene	ND		1.0	0.73	ug/L			02/20/13 19:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/20/13 19:51	1
Toluene	ND		1.0	0.51	ug/L			02/20/13 19:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/20/13 19:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/20/13 19:51	1
Trichloroethene	ND		1.0	0.46	ug/L			02/20/13 19:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/20/13 19:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/20/13 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*66 - 137*		*02/20/13 19:51*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*02/20/13 19:51*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*02/20/13 19:51*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33157-1

Client Sample ID: INFLUENT 021813

Lab Sample ID: 480-33157-2

Date Collected: 02/18/13 06:05
Matrix: Water
Date Received: 02/19/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**53**		4.0	3.3	ug/L			02/20/13 20:16	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/20/13 20:16	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/20/13 20:16	4
1,1-Dichloroethane	**7.7**		4.0	1.5	ug/L			02/20/13 20:16	4
1,1-Dichloroethene	**2.1**	**J**	4.0	1.2	ug/L			02/20/13 20:16	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/20/13 20:16	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/20/13 20:16	4
2-Hexanone	ND		20	5.0	ug/L			02/20/13 20:16	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/20/13 20:16	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/20/13 20:16	4
Acetone	ND		40	12	ug/L			02/20/13 20:16	4
Benzene	ND		4.0	1.6	ug/L			02/20/13 20:16	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/20/13 20:16	4
Bromoform	ND		4.0	1.0	ug/L			02/20/13 20:16	4
Bromomethane	ND		4.0	2.8	ug/L			02/20/13 20:16	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/20/13 20:16	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/20/13 20:16	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/20/13 20:16	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/20/13 20:16	4
Chloroethane	ND		4.0	1.3	ug/L			02/20/13 20:16	4
Chloroform	ND		4.0	1.4	ug/L			02/20/13 20:16	4
Chloromethane	ND		4.0	1.4	ug/L			02/20/13 20:16	4
cis-1,2-Dichloroethene	**54**		4.0	3.2	ug/L			02/20/13 20:16	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/20/13 20:16	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/20/13 20:16	4
Methylene Chloride	ND		4.0	1.8	ug/L			02/20/13 20:16	4
Styrene	ND		4.0	2.9	ug/L			02/20/13 20:16	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/20/13 20:16	4
Toluene	ND		4.0	2.0	ug/L			02/20/13 20:16	4
trans-1,2-Dichloroethene	**8.8**		4.0	3.6	ug/L			02/20/13 20:16	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/20/13 20:16	4
Trichloroethene	**170**		4.0	1.8	ug/L			02/20/13 20:16	4
Vinyl chloride	**22**		4.0	3.6	ug/L			02/20/13 20:16	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/20/13 20:16	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/20/13 20:16*	*4*
Toluene-d8 (Surr)	*94*		*71 - 126*		*02/20/13 20:16*	*4*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*02/20/13 20:16*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33157-1

Client Sample ID: MIXING TANK 021813

Lab Sample ID: 480-33157-3

Date Collected: 02/18/13 06:10

Matrix: Water

Date Received: 02/19/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**54**		4.0	3.3	ug/L			02/20/13 20:41	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/20/13 20:41	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/20/13 20:41	4
1,1-Dichloroethane	**8.2**		4.0	1.5	ug/L			02/20/13 20:41	4
1,1-Dichloroethene	**1.8**	**J**	4.0	1.2	ug/L			02/20/13 20:41	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/20/13 20:41	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/20/13 20:41	4
2-Hexanone	ND		20	5.0	ug/L			02/20/13 20:41	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/20/13 20:41	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/20/13 20:41	4
Acetone	ND		40	12	ug/L			02/20/13 20:41	4
Benzene	ND		4.0	1.6	ug/L			02/20/13 20:41	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/20/13 20:41	4
Bromoform	ND		4.0	1.0	ug/L			02/20/13 20:41	4
Bromomethane	ND		4.0	2.8	ug/L			02/20/13 20:41	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/20/13 20:41	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/20/13 20:41	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/20/13 20:41	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/20/13 20:41	4
Chloroethane	ND		4.0	1.3	ug/L			02/20/13 20:41	4
Chloroform	ND		4.0	1.4	ug/L			02/20/13 20:41	4
Chloromethane	ND		4.0	1.4	ug/L			02/20/13 20:41	4
cis-1,2-Dichloroethene	**49**		4.0	3.2	ug/L			02/20/13 20:41	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/20/13 20:41	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/20/13 20:41	4
Methylene Chloride	ND		4.0	1.8	ug/L			02/20/13 20:41	4
Styrene	ND		4.0	2.9	ug/L			02/20/13 20:41	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/20/13 20:41	4
Toluene	ND		4.0	2.0	ug/L			02/20/13 20:41	4
trans-1,2-Dichloroethene	**7.4**		4.0	3.6	ug/L			02/20/13 20:41	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/20/13 20:41	4
Trichloroethene	**170**		4.0	1.8	ug/L			02/20/13 20:41	4
Vinyl chloride	**17**		4.0	3.6	ug/L			02/20/13 20:41	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/20/13 20:41	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*02/20/13 20:41*	*4*
Toluene-d8 (Surr)	*93*		*71 - 126*		*02/20/13 20:41*	*4*
4-Bromofluorobenzene (Surr)	*80*		*73 - 120*		*02/20/13 20:41*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33157-1

Client Sample ID: EFFLUENT 021813

Lab Sample ID: 480-33157-4

Date Collected: 02/18/13 06:15
Matrix: Water
Date Received: 02/19/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/20/13 21:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/20/13 21:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/20/13 21:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/20/13 21:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/20/13 21:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/20/13 21:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/20/13 21:06	1
2-Hexanone	ND		5.0	1.2	ug/L			02/20/13 21:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/20/13 21:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/20/13 21:06	1
Acetone	ND		10	3.0	ug/L			02/20/13 21:06	1
Benzene	ND		1.0	0.41	ug/L			02/20/13 21:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/20/13 21:06	1
Bromoform	ND		1.0	0.26	ug/L			02/20/13 21:06	1
Bromomethane	ND		1.0	0.69	ug/L			02/20/13 21:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/20/13 21:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/20/13 21:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/20/13 21:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/20/13 21:06	1
Chloroethane	ND		1.0	0.32	ug/L			02/20/13 21:06	1
Chloroform	ND		1.0	0.34	ug/L			02/20/13 21:06	1
Chloromethane	ND		1.0	0.35	ug/L			02/20/13 21:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/20/13 21:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/20/13 21:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/20/13 21:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/20/13 21:06	1
Styrene	ND		1.0	0.73	ug/L			02/20/13 21:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/20/13 21:06	1
Toluene	ND		1.0	0.51	ug/L			02/20/13 21:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/20/13 21:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/20/13 21:06	1
Trichloroethene	ND		1.0	0.46	ug/L			02/20/13 21:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/20/13 21:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/20/13 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*66 - 137*		*02/20/13 21:06*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*02/20/13 21:06*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*02/20/13 21:06*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33157-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-33157-1	Trip Blank	117	96	83
480-33157-2	INFLUENT 021813	110	94	82
480-33157-2 MS	INFLUENT 021813	103	96	89
480-33157-2 MSD	INFLUENT 021813	100	96	86
480-33157-3	MIXING TANK 021813	111	93	80
480-33157-4	EFFLUENT 021813	114	92	84
LCS 480-104185/4	Lab Control Sample	92	94	87
MB 480-104185/5	Method Blank	99	93	84

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-104185/5
Matrix: Water
Analysis Batch: 104185

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/20/13 12:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/20/13 12:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/20/13 12:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/20/13 12:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/20/13 12:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/20/13 12:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/20/13 12:51	1
2-Hexanone	ND		5.0	1.2	ug/L			02/20/13 12:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/20/13 12:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/20/13 12:51	1
Acetone	ND		10	3.0	ug/L			02/20/13 12:51	1
Benzene	ND		1.0	0.41	ug/L			02/20/13 12:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/20/13 12:51	1
Bromoform	ND		1.0	0.26	ug/L			02/20/13 12:51	1
Bromomethane	ND		1.0	0.69	ug/L			02/20/13 12:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/20/13 12:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/20/13 12:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/20/13 12:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/20/13 12:51	1
Chloroethane	ND		1.0	0.32	ug/L			02/20/13 12:51	1
Chloroform	ND		1.0	0.34	ug/L			02/20/13 12:51	1
Chloromethane	ND		1.0	0.35	ug/L			02/20/13 12:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/20/13 12:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/20/13 12:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/20/13 12:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/20/13 12:51	1
Styrene	ND		1.0	0.73	ug/L			02/20/13 12:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/20/13 12:51	1
Toluene	ND		1.0	0.51	ug/L			02/20/13 12:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/20/13 12:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/20/13 12:51	1
Trichloroethene	ND		1.0	0.46	ug/L			02/20/13 12:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/20/13 12:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/20/13 12:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*02/20/13 12:51*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*02/20/13 12:51*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*02/20/13 12:51*	*1*

Lab Sample ID: LCS 480-104185/4
Matrix: Water
Analysis Batch: 104185

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.1		ug/L		92	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.5		ug/L		90	70 - 126
1,1,2-Trichloroethane	25.0	22.1		ug/L		88	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104185/4
Matrix: Water
Analysis Batch: 104185

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.3		ug/L		93	71 - 129
1,1-Dichloroethene	25.0	21.4		ug/L		85	58 - 121
1,2-Dichloroethane	25.0	23.4		ug/L		94	75 - 127
1,2-Dichloropropane	25.0	22.8		ug/L		91	76 - 120
2-Hexanone	125	132		ug/L		106	65 - 127
2-Butanone (MEK)	125	137		ug/L		110	57 - 140
4-Methyl-2-pentanone (MIBK)	125	132		ug/L		106	71 - 125
Acetone	125	141		ug/L		113	56 - 142
Benzene	25.0	22.3		ug/L		89	71 - 124
Bromodichloromethane	25.0	23.1		ug/L		92	80 - 122
Bromoform	25.0	24.2		ug/L		97	66 - 128
Bromomethane	25.0	31.4		ug/L		126	55 - 144
Carbon disulfide	25.0	27.4		ug/L		110	59 - 134
Carbon tetrachloride	25.0	23.1		ug/L		92	72 - 134
Chlorobenzene	25.0	21.4		ug/L		85	72 - 120
Dibromochloromethane	25.0	22.7		ug/L		91	75 - 125
Chloroethane	25.0	25.7		ug/L		103	69 - 136
Chloroform	25.0	23.0		ug/L		92	73 - 127
Chloromethane	25.0	24.9		ug/L		100	68 - 124
cis-1,2-Dichloroethene	25.0	22.2		ug/L		89	74 - 124
cis-1,3-Dichloropropene	25.0	23.1		ug/L		92	74 - 124
Ethylbenzene	25.0	21.5		ug/L		86	77 - 123
Methylene Chloride	25.0	23.4		ug/L		94	57 - 132
Styrene	25.0	21.9		ug/L		88	70 - 130
Tetrachloroethene	25.0	20.9		ug/L		84	74 - 122
Toluene	25.0	21.6		ug/L		87	80 - 122
trans-1,2-Dichloroethene	25.0	22.3		ug/L		89	73 - 127
trans-1,3-Dichloropropene	25.0	22.6		ug/L		90	72 - 123
Trichloroethene	25.0	21.6		ug/L		87	74 - 123
Vinyl chloride	25.0	25.4		ug/L		101	65 - 133
Xylenes, Total	75.0	65.7		ug/L		88	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*
Toluene-d8 (Surr)	*94*		*71 - 126*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*

Lab Sample ID: 480-33157-2 MS
Matrix: Water
Analysis Batch: 104185

Client Sample ID: INFLUENT 021813
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	53		100	137		ug/L		84	73 - 126
1,1,2,2-Tetrachloroethane	ND		100	89.4		ug/L		89	70 - 126
1,1,2-Trichloroethane	ND		100	87.9		ug/L		88	76 - 122
1,1-Dichloroethane	7.7		100	105		ug/L		98	71 - 129
1,1-Dichloroethene	2.1	J	100	94.8		ug/L		93	58 - 121
1,2-Dichloroethane	ND		100	98.1		ug/L		98	75 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33157-2 MS
Matrix: Water
Analysis Batch: 104185

Client Sample ID: INFLUENT 021813
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	ND		100	97.0		ug/L		97	76 - 120
2-Hexanone	ND		500	534		ug/L		107	65 - 127
2-Butanone (MEK)	ND		500	602		ug/L		120	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		500	531		ug/L		106	71 - 125
Acetone	ND		500	627		ug/L		125	56 - 142
Benzene	ND		100	94.9		ug/L		95	71 - 124
Bromodichloromethane	ND		100	96.7		ug/L		97	80 - 122
Bromoform	ND		100	90.7		ug/L		91	66 - 128
Bromomethane	ND		100	128		ug/L		128	55 - 144
Carbon disulfide	ND		100	126		ug/L		126	59 - 134
Carbon tetrachloride	ND		100	99.1		ug/L		99	72 - 134
Chlorobenzene	ND		100	85.5		ug/L		85	72 - 120
Dibromochloromethane	ND		100	88.0		ug/L		88	75 - 125
Chloroethane	ND		100	112		ug/L		112	69 - 136
Chloroform	ND		100	98.4		ug/L		98	73 - 127
Chloromethane	ND		100	106		ug/L		106	68 - 124
cis-1,2-Dichloroethene	54		100	140		ug/L		85	74 - 124
cis-1,3-Dichloropropene	ND		100	90.9		ug/L		91	74 - 124
Ethylbenzene	ND		100	86.4		ug/L		86	77 - 123
Methylene Chloride	ND		100	103		ug/L		103	57 - 132
Styrene	ND		100	85.9		ug/L		86	70 - 130
Tetrachloroethene	ND		100	86.7		ug/L		87	74 - 122
Toluene	ND		100	85.3		ug/L		85	80 - 122
trans-1,2-Dichloroethene	8.8		100	99.4		ug/L		91	73 - 127
trans-1,3-Dichloropropene	ND		100	78.8		ug/L		79	72 - 123
Trichloroethene	170		100	219	F	ug/L		47	74 - 123
Vinyl chloride	22		100	124		ug/L		102	65 - 133
Xylenes, Total	ND		300	258		ug/L		86	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*
Toluene-d8 (Surr)	*96*		*71 - 126*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*

Lab Sample ID: 480-33157-2 MSD
Matrix: Water
Analysis Batch: 104185

Client Sample ID: INFLUENT 021813
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	53		100	130		ug/L		77	73 - 126	5	15
1,1,2,2-Tetrachloroethane	ND		100	85.8		ug/L		86	70 - 126	4	15
1,1,2-Trichloroethane	ND		100	85.0		ug/L		85	76 - 122	3	15
1,1-Dichloroethane	7.7		100	100		ug/L		93	71 - 129	5	20
1,1-Dichloroethene	2.1	J	100	86.8		ug/L		85	58 - 121	9	16
1,2-Dichloroethane	ND		100	94.0		ug/L		94	75 - 127	4	20
1,2-Dichloropropane	ND		100	91.4		ug/L		91	76 - 120	6	20
2-Hexanone	ND		500	518		ug/L		104	65 - 127	3	15
2-Butanone (MEK)	ND		500	582		ug/L		116	57 - 140	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33157-2 MSD
Matrix: Water
Analysis Batch: 104185

Client Sample ID: INFLUENT 021813
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	ND		500	516		ug/L		103	71 - 125	3	35
Acetone	ND		500	602		ug/L		120	56 - 142	4	15
Benzene	ND		100	90.1		ug/L		90	71 - 124	5	13
Bromodichloromethane	ND		100	91.3		ug/L		91	80 - 122	6	15
Bromoform	ND		100	87.8		ug/L		88	66 - 128	3	15
Bromomethane	ND		100	115		ug/L		115	55 - 144	10	15
Carbon disulfide	ND		100	119		ug/L		119	59 - 134	6	15
Carbon tetrachloride	ND		100	93.5		ug/L		93	72 - 134	6	15
Chlorobenzene	ND		100	80.7		ug/L		81	72 - 120	6	25
Dibromochloromethane	ND		100	86.6		ug/L		87	75 - 125	2	15
Chloroethane	ND		100	107		ug/L		107	69 - 136	4	15
Chloroform	ND		100	92.7		ug/L		93	73 - 127	6	20
Chloromethane	ND		100	99.2		ug/L		99	68 - 124	6	15
cis-1,2-Dichloroethene	54		100	133		ug/L		78	74 - 124	5	15
cis-1,3-Dichloropropene	ND		100	86.7		ug/L		87	74 - 124	5	15
Ethylbenzene	ND		100	81.8		ug/L		82	77 - 123	6	15
Methylene Chloride	ND		100	97.1		ug/L		97	57 - 132	6	15
Styrene	ND		100	83.2		ug/L		83	70 - 130	3	20
Tetrachloroethene	ND		100	80.7		ug/L		81	74 - 122	7	20
Toluene	ND		100	81.7		ug/L		82	80 - 122	4	15
trans-1,2-Dichloroethene	8.8		100	94.5		ug/L		86	73 - 127	5	20
trans-1,3-Dichloropropene	ND		100	76.6		ug/L		77	72 - 123	3	15
Trichloroethene	170		100	204	F	ug/L		33	74 - 123	7	16
Vinyl chloride	22		100	117		ug/L		95	65 - 133	5	15
Xylenes, Total	ND		300	248		ug/L		83	76 - 122	4	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*
Toluene-d8 (Surr)	*96*		*71 - 126*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33157-1

GC/MS VOA

Analysis Batch: 104185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33157-1	Trip Blank	Total/NA	Water	8260B	
480-33157-2	INFLUENT 021813	Total/NA	Water	8260B	
480-33157-2 MS	INFLUENT 021813	Total/NA	Water	8260B	
480-33157-2 MSD	INFLUENT 021813	Total/NA	Water	8260B	
480-33157-3	MIXING TANK 021813	Total/NA	Water	8260B	
480-33157-4	EFFLUENT 021813	Total/NA	Water	8260B	
LCS 480-104185/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104185/5	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33157-1

Client Sample ID: Trip Blank — Lab Sample ID: 480-33157-1

Date Collected: 02/18/13 00:00 — **Matrix: Water**
Date Received: 02/19/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104185	02/20/13 19:51	TRF	TAL BUF

Client Sample ID: INFLUENT 021813 — Lab Sample ID: 480-33157-2

Date Collected: 02/18/13 06:05 — **Matrix: Water**
Date Received: 02/19/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	104185	02/20/13 20:16	TRF	TAL BUF

Client Sample ID: MIXING TANK 021813 — Lab Sample ID: 480-33157-3

Date Collected: 02/18/13 06:10 — **Matrix: Water**
Date Received: 02/19/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	104185	02/20/13 20:41	TRF	TAL BUF

Client Sample ID: EFFLUENT 021813 — Lab Sample ID: 480-33157-4

Date Collected: 02/18/13 06:15 — **Matrix: Water**
Date Received: 02/19/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104185	02/20/13 21:06	TRF	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33157-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33157-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33157-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-33157-1	Trip Blank	Water	02/18/13 00:00	02/19/13 09:00
480-33157-2	INFLUENT 021813	Water	02/18/13 06:05	02/19/13 09:00
480-33157-3	MIXING TANK 021813	Water	02/18/13 06:10	02/19/13 09:00
480-33157-4	EFFLUENT 021813	Water	02/18/13 06:15	02/19/13 09:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact

Company Name:	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
O'Brien & Gere	Scott McQueen	Mike McLaughlin	John Schove	020823
Address: 8805 Governor's Hill Dr	Telephone: 484-804-7220	Telephone: 513-319-3860	Telephone: 716-504-9838	1 of 1 COCs
City/State/Zip: Cincinnati OH 45242	Email: Scott.McQueen@obg.com			
Phone: 513-697-2020		TAT if different from below: ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		
Project Name: 50127	Method of Shipment/Carrier:			
Project Number: GEIRM	Shipping/Tracking No:			
PO# 18210017				

Analyses: VOCs (8260B)

Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:			VOCs (8260B)	Sample Specific Notes / Special Instructions:
Trip Blank	2-18-13			X						2					N	G	X	
Influent 021813		6:05		X						3					N	G	X	
Mixing Tank 021813		6:10		X						3					N	G	X	
Effluent 021813		6:15		X						3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Analyze Per QAPP; Level III Data Package

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Mike McLaughlin	OBG	2-18-13 1410		TestAmerica	2/18/13 1420
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TestAmerica	2/18/13 1415			2/19/13 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

3.0 #1

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TAL 0018- 1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-33157-1

Login Number: 33157
List Number: 1
Creator: Robitaille, Zach L

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-33208-1
Client Project/Site: GE - Evendale, OH site

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
2/28/2013 11:10:59 AM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-33208-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-33208-1

Comments
No additional comments.

Receipt
The samples were received on 2/20/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1º C.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: OSMW-11D 021913 (480-33208-24), OSMW-11S 021913 (480-33208-23), TMW-1P 021913 (480-33208-25). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 104359 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: AF-7S 021913 (480-33208-5), OSMW-10P 021913 (480-33208-16), PMW-3D 021913 (480-33208-12), PMW-3P 021913 (480-33208-9). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 104354 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: AF-7P 021913 (480-33208-3), OSMW-10S 021913 (480-33208-17), OSMW-1D 021913 (480-33208-15), OSMW-1S 021913 (480-33208-14), OSMW-6D 021913 (480-33208-10). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The method blank for batch 104354 contained carbon disulfide above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260B: The laboratory control sample (LCS) for batch 104703 exceeded control limits for the following analyte(s): 2-Butanone. This analyte has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: Trip Blank 021913 — Lab Sample ID: 480-33208-1

No Detections

Client Sample ID: OSMW-4S 021913 — Lab Sample ID: 480-33208-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.84	J	1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	4.9	J	10	3.0	ug/L	1		8260B	Total/NA
Vinyl chloride	77		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-7P 021913 — Lab Sample ID: 480-33208-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	32		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	24		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	1.2	J	2.0	0.58	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	6.8		2.0	1.6	ug/L	2		8260B	Total/NA
Tetrachloroethene	0.84	J	2.0	0.72	ug/L	2		8260B	Total/NA
Trichloroethene	81		2.0	0.92	ug/L	2		8260B	Total/NA

Client Sample ID: OSMW-4D 021913 — Lab Sample ID: 480-33208-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	9.0		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.6		1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	4.8	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	39		1.0	0.81	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	15		1.0	0.90	ug/L	1		8260B	Total/NA
Vinyl chloride	70		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-7S 021913 — Lab Sample ID: 480-33208-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	22		10	3.8	ug/L	10		8260B	Total/NA
1,1-Dichloroethene	4.1	J	10	2.9	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene	740		10	8.1	ug/L	10		8260B	Total/NA
Methylene Chloride	6.7	J	10	4.4	ug/L	10		8260B	Total/NA
Vinyl chloride	920		10	9.0	ug/L	10		8260B	Total/NA

Client Sample ID: AF-7D 021913 — Lab Sample ID: 480-33208-6

No Detections

Client Sample ID: ADW-100 021913 — Lab Sample ID: 480-33208-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.5	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-9D 021913 — Lab Sample ID: 480-33208-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.9	J	10	3.0	ug/L	1		8260B	Total/NA
Vinyl chloride	21		1.0	0.90	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: PMW-3P 021913 — Lab Sample ID: 480-33208-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	170		5.0	4.1	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	20		5.0	1.9	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	7.3		5.0	1.5	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	220		5.0	4.1	ug/L	5		8260B	Total/NA
Methylene Chloride	2.4	J	5.0	2.2	ug/L	5		8260B	Total/NA
Trichloroethene	150		5.0	2.3	ug/L	5		8260B	Total/NA

Client Sample ID: OSMW-6D 021913 — Lab Sample ID: 480-33208-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.7		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.44	J	1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	6.3	J	10	3.0	ug/L	1		8260B	Total/NA
Chloroethane	7.8		1.0	0.32	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	20		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride - DL	160		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: PMW-3S 021913 — Lab Sample ID: 480-33208-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	13		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	37		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.3		1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	9.6	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	73		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	45		1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	4.7		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: PMW-3D 021913 — Lab Sample ID: 480-33208-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	44		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	28		4.0	1.5	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	86		4.0	3.2	ug/L	4		8260B	Total/NA
Methylene Chloride	2.3	J	4.0	1.8	ug/L	4		8260B	Total/NA
Trichloroethene	18		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	240		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: OSMW-1P 021913 — Lab Sample ID: 480-33208-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.0		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	5.3	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-1S 021913 — Lab Sample ID: 480-33208-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	7.8	J	8.0	3.0	ug/L	8		8260B	Total/NA
cis-1,2-Dichloroethene	440		8.0	6.5	ug/L	8		8260B	Total/NA
Vinyl chloride	200		8.0	7.2	ug/L	8		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-1D 021913 — Lab Sample ID: 480-33208-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.0		2.0	0.76	ug/L	2		8260B	Total/NA
Acetone	8.6	J	20	6.0	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	140		2.0	1.6	ug/L	2		8260B	Total/NA
Vinyl chloride	75		2.0	1.8	ug/L	2		8260B	Total/NA

Client Sample ID: OSMW-10P 021913 — Lab Sample ID: 480-33208-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	210		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	17		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	6.1		4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	10		4.0	3.2	ug/L	4		8260B	Total/NA
Methylene Chloride	4.8		4.0	1.8	ug/L	4		8260B	Total/NA
Trichloroethene	200		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	5.6		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: OSMW-10S 021913 — Lab Sample ID: 480-33208-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	56		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	32		1.0	0.29	ug/L	1		8260B	Total/NA
Acetone	4.8	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	100		1.0	0.81	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.2		1.0	0.90	ug/L	1		8260B	Total/NA
Trichloroethene	29		1.0	0.46	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane - DL	140		4.0	3.3	ug/L	4		8260B	Total/NA
Vinyl chloride - DL	120		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: OSMW-10D 021913 — Lab Sample ID: 480-33208-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.1	J	10	3.0	ug/L	1		8260B	Total/NA
Vinyl chloride	3.1		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-3S 021913 — Lab Sample ID: 480-33208-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.58	J	1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	4.9	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.0		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	4.5		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-12P 021913 — Lab Sample ID: 480-33208-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.4		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	2.6		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	5.2	J	10	3.0	ug/L	1		8260B	Total/NA
Trichloroethene	5.1		1.0	0.46	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-3D 021913 — Lab Sample ID: 480-33208-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4.4		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	3.8	J	10	3.0	ug/L	1		8260B	Total/NA
Benzene	1.4		1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	3.0		1.0	0.81	ug/L	1		8260B	Total/NA
Trichloroethene	2.5		1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	6.7		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-11P 021913 — Lab Sample ID: 480-33208-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.0		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	3.8	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.5		1.0	0.81	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-11S 021913 — Lab Sample ID: 480-33208-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	30		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.2	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	250		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	5.9		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	32		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	4.6		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: OSMW-11D 021913 — Lab Sample ID: 480-33208-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	30		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.6	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	250		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	5.8		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	32		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	5.5		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: TMW-1P 021913 — Lab Sample ID: 480-33208-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	230		10	8.2	ug/L	10		8260B	Total/NA
1,1-Dichloroethane	97		10	3.8	ug/L	10		8260B	Total/NA
1,1-Dichloroethene	14		10	2.9	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene	54		10	8.1	ug/L	10		8260B	Total/NA
Trichloroethene	410		10	4.6	ug/L	10		8260B	Total/NA
Vinyl chloride	70		10	9.0	ug/L	10		8260B	Total/NA

Client Sample ID: TMW-1S 021913 — Lab Sample ID: 480-33208-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.0	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	9.1		1.0	0.90	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-13P 021913 — Lab Sample ID: 480-33208-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	5.8	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.7		1.0	0.81	ug/L	1		8260B	Total/NA

Client Sample ID: TMW-1D 021913 — Lab Sample ID: 480-33208-28

No Detections

Client Sample ID: AF-11S 021913 — Lab Sample ID: 480-33208-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.0		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	5.2	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	11		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	32		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-11D 021913 — Lab Sample ID: 480-33208-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.4	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: ADW-101 021913 — Lab Sample ID: 480-33208-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.4	J	10	3.0	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: Trip Blank 021913

Lab Sample ID: 480-33208-1

Date Collected: 02/19/13 00:00

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 12:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 12:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 12:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 12:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 12:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 12:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 12:58	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 12:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 12:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 12:58	1
Acetone	ND		10	3.0	ug/L			02/21/13 12:58	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 12:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 12:58	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 12:58	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 12:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 12:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 12:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 12:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 12:58	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 12:58	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 12:58	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 12:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 12:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 12:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 12:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 12:58	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 12:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 12:58	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 12:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 12:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 12:58	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 12:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 12:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*02/21/13 12:58*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*02/21/13 12:58*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*02/21/13 12:58*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-4S 021913

Lab Sample ID: 480-33208-2

Date Collected: 02/19/13 08:53

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 13:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 13:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 13:24	1
1,1-Dichloroethane	**0.84**	**J**	1.0	0.38	ug/L			02/21/13 13:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 13:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 13:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 13:24	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 13:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 13:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 13:24	1
Acetone	**4.9**	**J**	10	3.0	ug/L			02/21/13 13:24	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 13:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 13:24	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 13:24	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 13:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 13:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 13:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 13:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 13:24	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 13:24	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 13:24	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 13:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 13:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 13:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 13:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 13:24	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 13:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 13:24	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 13:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 13:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 13:24	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 13:24	1
Vinyl chloride	**77**		1.0	0.90	ug/L			02/21/13 13:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 13:24*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*02/21/13 13:24*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/21/13 13:24*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: AF-7P 021913

Lab Sample ID: 480-33208-3

Date Collected: 02/19/13 08:54

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**32**		2.0	1.6	ug/L			02/25/13 14:23	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			02/25/13 14:23	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			02/25/13 14:23	2
1,1-Dichloroethane	**24**		2.0	0.76	ug/L			02/25/13 14:23	2
1,1-Dichloroethene	**1.2**	**J**	2.0	0.58	ug/L			02/25/13 14:23	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			02/25/13 14:23	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			02/25/13 14:23	2
2-Hexanone	ND		10	2.5	ug/L			02/25/13 14:23	2
2-Butanone (MEK)	ND	*	20	2.6	ug/L			02/25/13 14:23	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			02/25/13 14:23	2
Acetone	ND		20	6.0	ug/L			02/25/13 14:23	2
Benzene	ND		2.0	0.82	ug/L			02/25/13 14:23	2
Bromodichloromethane	ND		2.0	0.78	ug/L			02/25/13 14:23	2
Bromoform	ND		2.0	0.52	ug/L			02/25/13 14:23	2
Bromomethane	ND		2.0	1.4	ug/L			02/25/13 14:23	2
Carbon disulfide	ND		2.0	0.38	ug/L			02/25/13 14:23	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			02/25/13 14:23	2
Chlorobenzene	ND		2.0	1.5	ug/L			02/25/13 14:23	2
Dibromochloromethane	ND		2.0	0.64	ug/L			02/25/13 14:23	2
Chloroethane	ND		2.0	0.64	ug/L			02/25/13 14:23	2
Chloroform	ND		2.0	0.68	ug/L			02/25/13 14:23	2
Chloromethane	ND		2.0	0.70	ug/L			02/25/13 14:23	2
cis-1,2-Dichloroethene	**6.8**		2.0	1.6	ug/L			02/25/13 14:23	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			02/25/13 14:23	2
Ethylbenzene	ND		2.0	1.5	ug/L			02/25/13 14:23	2
Methylene Chloride	ND		2.0	0.88	ug/L			02/25/13 14:23	2
Styrene	ND		2.0	1.5	ug/L			02/25/13 14:23	2
Tetrachloroethene	**0.84**	**J**	2.0	0.72	ug/L			02/25/13 14:23	2
Toluene	ND		2.0	1.0	ug/L			02/25/13 14:23	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			02/25/13 14:23	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			02/25/13 14:23	2
Trichloroethene	**81**		2.0	0.92	ug/L			02/25/13 14:23	2
Vinyl chloride	ND		2.0	1.8	ug/L			02/25/13 14:23	2
Xylenes, Total	ND		4.0	1.3	ug/L			02/25/13 14:23	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*02/25/13 14:23*	*2*
Toluene-d8 (Surr)	*108*		*71 - 126*		*02/25/13 14:23*	*2*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/25/13 14:23*	*2*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-4D 021913

Lab Sample ID: 480-33208-4

Date Collected: 02/19/13 08:57

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 14:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 14:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 14:14	1
1,1-Dichloroethane	**9.0**		1.0	0.38	ug/L			02/21/13 14:14	1
1,1-Dichloroethene	**1.6**		1.0	0.29	ug/L			02/21/13 14:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 14:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 14:14	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 14:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 14:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 14:14	1
Acetone	**4.8**	**J**	10	3.0	ug/L			02/21/13 14:14	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 14:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 14:14	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 14:14	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 14:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 14:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 14:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 14:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 14:14	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 14:14	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 14:14	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 14:14	1
cis-1,2-Dichloroethene	**39**		1.0	0.81	ug/L			02/21/13 14:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 14:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 14:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 14:14	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 14:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 14:14	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 14:14	1
trans-1,2-Dichloroethene	**15**		1.0	0.90	ug/L			02/21/13 14:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 14:14	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 14:14	1
Vinyl chloride	**70**		1.0	0.90	ug/L			02/21/13 14:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*02/21/13 14:14*	*1*
Toluene-d8 (Surr)	*90*		*71 - 126*		*02/21/13 14:14*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/21/13 14:14*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: AF-7S 021913

Lab Sample ID: 480-33208-5

Date Collected: 02/19/13 09:12

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			02/21/13 14:39	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			02/21/13 14:39	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			02/21/13 14:39	10
1,1-Dichloroethane	**22**		10	3.8	ug/L			02/21/13 14:39	10
1,1-Dichloroethene	**4.1**	**J**	10	2.9	ug/L			02/21/13 14:39	10
1,2-Dichloroethane	ND		10	2.1	ug/L			02/21/13 14:39	10
1,2-Dichloropropane	ND		10	7.2	ug/L			02/21/13 14:39	10
2-Hexanone	ND		50	12	ug/L			02/21/13 14:39	10
2-Butanone (MEK)	ND		100	13	ug/L			02/21/13 14:39	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			02/21/13 14:39	10
Acetone	ND		100	30	ug/L			02/21/13 14:39	10
Benzene	ND		10	4.1	ug/L			02/21/13 14:39	10
Bromodichloromethane	ND		10	3.9	ug/L			02/21/13 14:39	10
Bromoform	ND		10	2.6	ug/L			02/21/13 14:39	10
Bromomethane	ND		10	6.9	ug/L			02/21/13 14:39	10
Carbon disulfide	ND		10	1.9	ug/L			02/21/13 14:39	10
Carbon tetrachloride	ND		10	2.7	ug/L			02/21/13 14:39	10
Chlorobenzene	ND		10	7.5	ug/L			02/21/13 14:39	10
Dibromochloromethane	ND		10	3.2	ug/L			02/21/13 14:39	10
Chloroethane	ND		10	3.2	ug/L			02/21/13 14:39	10
Chloroform	ND		10	3.4	ug/L			02/21/13 14:39	10
Chloromethane	ND		10	3.5	ug/L			02/21/13 14:39	10
cis-1,2-Dichloroethene	**740**		10	8.1	ug/L			02/21/13 14:39	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			02/21/13 14:39	10
Ethylbenzene	ND		10	7.4	ug/L			02/21/13 14:39	10
Methylene Chloride	**6.7**	**J**	10	4.4	ug/L			02/21/13 14:39	10
Styrene	ND		10	7.3	ug/L			02/21/13 14:39	10
Tetrachloroethene	ND		10	3.6	ug/L			02/21/13 14:39	10
Toluene	ND		10	5.1	ug/L			02/21/13 14:39	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			02/21/13 14:39	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			02/21/13 14:39	10
Trichloroethene	ND		10	4.6	ug/L			02/21/13 14:39	10
Vinyl chloride	**920**		10	9.0	ug/L			02/21/13 14:39	10
Xylenes, Total	ND		20	6.6	ug/L			02/21/13 14:39	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/21/13 14:39*	*10*
Toluene-d8 (Surr)	*94*		*71 - 126*		*02/21/13 14:39*	*10*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*02/21/13 14:39*	*10*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: AF-7D 021913

Lab Sample ID: 480-33208-6

Date Collected: 02/19/13 09:22

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 15:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 15:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 15:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 15:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 15:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 15:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 15:04	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 15:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 15:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 15:04	1
Acetone	ND		10	3.0	ug/L			02/21/13 15:04	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 15:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 15:04	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 15:04	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 15:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 15:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 15:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 15:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 15:04	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 15:04	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 15:04	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 15:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 15:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 15:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 15:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 15:04	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 15:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 15:04	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 15:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 15:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 15:04	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 15:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 15:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/21/13 15:04*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*02/21/13 15:04*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/21/13 15:04*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: ADW-100 021913

Lab Sample ID: 480-33208-7

Date Collected: 02/19/13 00:00
Matrix: Water
Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 14:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 14:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 14:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 14:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 14:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 14:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 14:46	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 14:46	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/25/13 14:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 14:46	1
Acetone	**5.5**	**J**	10	3.0	ug/L			02/25/13 14:46	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 14:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 14:46	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 14:46	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 14:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 14:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 14:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 14:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 14:46	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 14:46	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 14:46	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 14:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 14:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 14:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 14:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 14:46	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 14:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 14:46	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 14:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 14:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 14:46	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 14:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 14:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/25/13 14:46*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*02/25/13 14:46*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*02/25/13 14:46*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-9D 021913

Lab Sample ID: 480-33208-8

Date Collected: 02/19/13 09:47

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 16:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 16:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 16:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 16:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 16:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 16:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 16:45	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 16:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 16:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 16:45	1
Acetone	**4.9**	**J**	10	3.0	ug/L			02/21/13 16:45	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 16:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 16:45	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 16:45	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 16:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 16:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 16:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 16:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 16:45	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 16:45	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 16:45	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 16:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 16:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 16:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 16:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 16:45	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 16:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 16:45	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 16:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 16:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 16:45	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 16:45	1
Vinyl chloride	**21**		1.0	0.90	ug/L			02/21/13 16:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 16:45*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*02/21/13 16:45*	*1*
4-Bromofluorobenzene (Surr)	*80*		*73 - 120*		*02/21/13 16:45*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: PMW-3P 021913

Lab Sample ID: 480-33208-9

Date Collected: 02/19/13 09:52
Matrix: Water
Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**170**		5.0	4.1	ug/L			02/21/13 17:10	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			02/21/13 17:10	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			02/21/13 17:10	5
1,1-Dichloroethane	**20**		5.0	1.9	ug/L			02/21/13 17:10	5
1,1-Dichloroethene	**7.3**		5.0	1.5	ug/L			02/21/13 17:10	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			02/21/13 17:10	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			02/21/13 17:10	5
2-Hexanone	ND		25	6.2	ug/L			02/21/13 17:10	5
2-Butanone (MEK)	ND		50	6.6	ug/L			02/21/13 17:10	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			02/21/13 17:10	5
Acetone	ND		50	15	ug/L			02/21/13 17:10	5
Benzene	ND		5.0	2.1	ug/L			02/21/13 17:10	5
Bromodichloromethane	ND		5.0	2.0	ug/L			02/21/13 17:10	5
Bromoform	ND		5.0	1.3	ug/L			02/21/13 17:10	5
Bromomethane	ND		5.0	3.5	ug/L			02/21/13 17:10	5
Carbon disulfide	ND		5.0	0.95	ug/L			02/21/13 17:10	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			02/21/13 17:10	5
Chlorobenzene	ND		5.0	3.8	ug/L			02/21/13 17:10	5
Dibromochloromethane	ND		5.0	1.6	ug/L			02/21/13 17:10	5
Chloroethane	ND		5.0	1.6	ug/L			02/21/13 17:10	5
Chloroform	ND		5.0	1.7	ug/L			02/21/13 17:10	5
Chloromethane	ND		5.0	1.8	ug/L			02/21/13 17:10	5
cis-1,2-Dichloroethene	**220**		5.0	4.1	ug/L			02/21/13 17:10	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			02/21/13 17:10	5
Ethylbenzene	ND		5.0	3.7	ug/L			02/21/13 17:10	5
Methylene Chloride	**2.4**	**J**	5.0	2.2	ug/L			02/21/13 17:10	5
Styrene	ND		5.0	3.7	ug/L			02/21/13 17:10	5
Tetrachloroethene	ND		5.0	1.8	ug/L			02/21/13 17:10	5
Toluene	ND		5.0	2.6	ug/L			02/21/13 17:10	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			02/21/13 17:10	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			02/21/13 17:10	5
Trichloroethene	**150**		5.0	2.3	ug/L			02/21/13 17:10	5
Vinyl chloride	ND		5.0	4.5	ug/L			02/21/13 17:10	5
Xylenes, Total	ND		10	3.3	ug/L			02/21/13 17:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*02/21/13 17:10*	*5*
Toluene-d8 (Surr)	*90*		*71 - 126*		*02/21/13 17:10*	*5*
4-Bromofluorobenzene (Surr)	*80*		*73 - 120*		*02/21/13 17:10*	*5*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-6D 021913

Lab Sample ID: 480-33208-10

Date Collected: 02/19/13 10:09

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 17:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 17:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 17:35	1
1,1-Dichloroethane	**6.7**		1.0	0.38	ug/L			02/21/13 17:35	1
1,1-Dichloroethene	**0.44**	**J**	1.0	0.29	ug/L			02/21/13 17:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 17:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 17:35	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 17:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 17:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 17:35	1
Acetone	**6.3**	**J**	10	3.0	ug/L			02/21/13 17:35	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 17:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 17:35	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 17:35	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 17:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 17:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 17:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 17:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 17:35	1
Chloroethane	**7.8**		1.0	0.32	ug/L			02/21/13 17:35	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 17:35	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 17:35	1
cis-1,2-Dichloroethene	**20**		1.0	0.81	ug/L			02/21/13 17:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 17:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 17:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 17:35	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 17:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 17:35	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 17:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 17:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 17:35	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 17:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 17:35*	*1*
Toluene-d8 (Surr)	*90*		*71 - 126*		*02/21/13 17:35*	*1*
4-Bromofluorobenzene (Surr)	*79*		*73 - 120*		*02/21/13 17:35*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	**160**		4.0	3.6	ug/L			02/25/13 15:10	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/25/13 15:10*	*4*
Toluene-d8 (Surr)	*107*		*71 - 126*		*02/25/13 15:10*	*4*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*02/25/13 15:10*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: PMW-3S 021913

Lab Sample ID: 480-33208-11

Date Collected: 02/19/13 10:10

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**13**		1.0	0.82	ug/L			02/25/13 15:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 15:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 15:34	1
1,1-Dichloroethane	**37**		1.0	0.38	ug/L			02/25/13 15:34	1
1,1-Dichloroethene	**1.3**		1.0	0.29	ug/L			02/25/13 15:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 15:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 15:34	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 15:34	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/25/13 15:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 15:34	1
Acetone	**9.6**	**J**	10	3.0	ug/L			02/25/13 15:34	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 15:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 15:34	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 15:34	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 15:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 15:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 15:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 15:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 15:34	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 15:34	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 15:34	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 15:34	1
cis-1,2-Dichloroethene	**73**		1.0	0.81	ug/L			02/25/13 15:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 15:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 15:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 15:34	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 15:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 15:34	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 15:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 15:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 15:34	1
Trichloroethene	**45**		1.0	0.46	ug/L			02/25/13 15:34	1
Vinyl chloride	**4.7**		1.0	0.90	ug/L			02/25/13 15:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/25/13 15:34*	*1*
Toluene-d8 (Surr)	*107*		*71 - 126*		*02/25/13 15:34*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/25/13 15:34*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: PMW-3D 021913

Lab Sample ID: 480-33208-12

Date Collected: 02/19/13 10:22
Matrix: Water
Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**44**		4.0	3.3	ug/L			02/21/13 18:26	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/21/13 18:26	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/21/13 18:26	4
1,1-Dichloroethane	**28**		4.0	1.5	ug/L			02/21/13 18:26	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			02/21/13 18:26	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/21/13 18:26	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/21/13 18:26	4
2-Hexanone	ND		20	5.0	ug/L			02/21/13 18:26	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/21/13 18:26	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/21/13 18:26	4
Acetone	ND		40	12	ug/L			02/21/13 18:26	4
Benzene	ND		4.0	1.6	ug/L			02/21/13 18:26	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/21/13 18:26	4
Bromoform	ND		4.0	1.0	ug/L			02/21/13 18:26	4
Bromomethane	ND		4.0	2.8	ug/L			02/21/13 18:26	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/21/13 18:26	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/21/13 18:26	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/21/13 18:26	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/21/13 18:26	4
Chloroethane	ND		4.0	1.3	ug/L			02/21/13 18:26	4
Chloroform	ND		4.0	1.4	ug/L			02/21/13 18:26	4
Chloromethane	ND		4.0	1.4	ug/L			02/21/13 18:26	4
cis-1,2-Dichloroethene	**86**		4.0	3.2	ug/L			02/21/13 18:26	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/21/13 18:26	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/21/13 18:26	4
Methylene Chloride	**2.3**	**J**	4.0	1.8	ug/L			02/21/13 18:26	4
Styrene	ND		4.0	2.9	ug/L			02/21/13 18:26	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/21/13 18:26	4
Toluene	ND		4.0	2.0	ug/L			02/21/13 18:26	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			02/21/13 18:26	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/21/13 18:26	4
Trichloroethene	**18**		4.0	1.8	ug/L			02/21/13 18:26	4
Vinyl chloride	**240**		4.0	3.6	ug/L			02/21/13 18:26	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/21/13 18:26	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/21/13 18:26*	*4*
Toluene-d8 (Surr)	*90*		*71 - 126*		*02/21/13 18:26*	*4*
4-Bromofluorobenzene (Surr)	*79*		*73 - 120*		*02/21/13 18:26*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-1P 021913

Lab Sample ID: 480-33208-13

Date Collected: 02/19/13 10:35

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 18:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 18:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 18:51	1
1,1-Dichloroethane	**3.0**		1.0	0.38	ug/L			02/21/13 18:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 18:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 18:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 18:51	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 18:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 18:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 18:51	1
Acetone	**5.3**	**J**	10	3.0	ug/L			02/21/13 18:51	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 18:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 18:51	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 18:51	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 18:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 18:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 18:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 18:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 18:51	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 18:51	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 18:51	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 18:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 18:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 18:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 18:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 18:51	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 18:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 18:51	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 18:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 18:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 18:51	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 18:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 18:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/21/13 18:51*	*1*
Toluene-d8 (Surr)	*90*		*71 - 126*		*02/21/13 18:51*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/21/13 18:51*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-1S 021913

Lab Sample ID: 480-33208-14

Date Collected: 02/19/13 10:39

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			02/25/13 15:58	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			02/25/13 15:58	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			02/25/13 15:58	8
1,1-Dichloroethane	**7.8**	**J**	8.0	3.0	ug/L			02/25/13 15:58	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			02/25/13 15:58	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			02/25/13 15:58	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			02/25/13 15:58	8
2-Hexanone	ND		40	9.9	ug/L			02/25/13 15:58	8
2-Butanone (MEK)	ND	*	80	11	ug/L			02/25/13 15:58	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			02/25/13 15:58	8
Acetone	ND		80	24	ug/L			02/25/13 15:58	8
Benzene	ND		8.0	3.3	ug/L			02/25/13 15:58	8
Bromodichloromethane	ND		8.0	3.1	ug/L			02/25/13 15:58	8
Bromoform	ND		8.0	2.1	ug/L			02/25/13 15:58	8
Bromomethane	ND		8.0	5.5	ug/L			02/25/13 15:58	8
Carbon disulfide	ND		8.0	1.5	ug/L			02/25/13 15:58	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			02/25/13 15:58	8
Chlorobenzene	ND		8.0	6.0	ug/L			02/25/13 15:58	8
Dibromochloromethane	ND		8.0	2.6	ug/L			02/25/13 15:58	8
Chloroethane	ND		8.0	2.6	ug/L			02/25/13 15:58	8
Chloroform	ND		8.0	2.7	ug/L			02/25/13 15:58	8
Chloromethane	ND		8.0	2.8	ug/L			02/25/13 15:58	8
cis-1,2-Dichloroethene	**440**		8.0	6.5	ug/L			02/25/13 15:58	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			02/25/13 15:58	8
Ethylbenzene	ND		8.0	5.9	ug/L			02/25/13 15:58	8
Methylene Chloride	ND		8.0	3.5	ug/L			02/25/13 15:58	8
Styrene	ND		8.0	5.8	ug/L			02/25/13 15:58	8
Tetrachloroethene	ND		8.0	2.9	ug/L			02/25/13 15:58	8
Toluene	ND		8.0	4.1	ug/L			02/25/13 15:58	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			02/25/13 15:58	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			02/25/13 15:58	8
Trichloroethene	ND		8.0	3.7	ug/L			02/25/13 15:58	8
Vinyl chloride	**200**		8.0	7.2	ug/L			02/25/13 15:58	8
Xylenes, Total	ND		16	5.3	ug/L			02/25/13 15:58	8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/25/13 15:58*	*8*
Toluene-d8 (Surr)	*107*		*71 - 126*		*02/25/13 15:58*	*8*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*02/25/13 15:58*	*8*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-1D 021913

Lab Sample ID: 480-33208-15

Date Collected: 02/19/13 10:43

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			02/25/13 16:22	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			02/25/13 16:22	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			02/25/13 16:22	2
1,1-Dichloroethane	**4.0**		2.0	0.76	ug/L			02/25/13 16:22	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			02/25/13 16:22	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			02/25/13 16:22	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			02/25/13 16:22	2
2-Hexanone	ND		10	2.5	ug/L			02/25/13 16:22	2
2-Butanone (MEK)	ND	*	20	2.6	ug/L			02/25/13 16:22	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			02/25/13 16:22	2
Acetone	**8.6**	**J**	20	6.0	ug/L			02/25/13 16:22	2
Benzene	ND		2.0	0.82	ug/L			02/25/13 16:22	2
Bromodichloromethane	ND		2.0	0.78	ug/L			02/25/13 16:22	2
Bromoform	ND		2.0	0.52	ug/L			02/25/13 16:22	2
Bromomethane	ND		2.0	1.4	ug/L			02/25/13 16:22	2
Carbon disulfide	ND		2.0	0.38	ug/L			02/25/13 16:22	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			02/25/13 16:22	2
Chlorobenzene	ND		2.0	1.5	ug/L			02/25/13 16:22	2
Dibromochloromethane	ND		2.0	0.64	ug/L			02/25/13 16:22	2
Chloroethane	ND		2.0	0.64	ug/L			02/25/13 16:22	2
Chloroform	ND		2.0	0.68	ug/L			02/25/13 16:22	2
Chloromethane	ND		2.0	0.70	ug/L			02/25/13 16:22	2
cis-1,2-Dichloroethene	**140**		2.0	1.6	ug/L			02/25/13 16:22	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			02/25/13 16:22	2
Ethylbenzene	ND		2.0	1.5	ug/L			02/25/13 16:22	2
Methylene Chloride	ND		2.0	0.88	ug/L			02/25/13 16:22	2
Styrene	ND		2.0	1.5	ug/L			02/25/13 16:22	2
Tetrachloroethene	ND		2.0	0.72	ug/L			02/25/13 16:22	2
Toluene	ND		2.0	1.0	ug/L			02/25/13 16:22	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			02/25/13 16:22	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			02/25/13 16:22	2
Trichloroethene	ND		2.0	0.92	ug/L			02/25/13 16:22	2
Vinyl chloride	**75**		2.0	1.8	ug/L			02/25/13 16:22	2
Xylenes, Total	ND		4.0	1.3	ug/L			02/25/13 16:22	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*02/25/13 16:22*	*2*
Toluene-d8 (Surr)	*107*		*71 - 126*		*02/25/13 16:22*	*2*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/25/13 16:22*	*2*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-10P 021913

Lab Sample ID: 480-33208-16

Date Collected: 02/19/13 11:08
Matrix: Water
Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**210**		4.0	3.3	ug/L			02/21/13 20:07	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/21/13 20:07	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/21/13 20:07	4
1,1-Dichloroethane	**17**		4.0	1.5	ug/L			02/21/13 20:07	4
1,1-Dichloroethene	**6.1**		4.0	1.2	ug/L			02/21/13 20:07	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/21/13 20:07	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/21/13 20:07	4
2-Hexanone	ND		20	5.0	ug/L			02/21/13 20:07	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/21/13 20:07	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/21/13 20:07	4
Acetone	ND		40	12	ug/L			02/21/13 20:07	4
Benzene	ND		4.0	1.6	ug/L			02/21/13 20:07	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/21/13 20:07	4
Bromoform	ND		4.0	1.0	ug/L			02/21/13 20:07	4
Bromomethane	ND		4.0	2.8	ug/L			02/21/13 20:07	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/21/13 20:07	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/21/13 20:07	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/21/13 20:07	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/21/13 20:07	4
Chloroethane	ND		4.0	1.3	ug/L			02/21/13 20:07	4
Chloroform	ND		4.0	1.4	ug/L			02/21/13 20:07	4
Chloromethane	ND		4.0	1.4	ug/L			02/21/13 20:07	4
cis-1,2-Dichloroethene	**10**		4.0	3.2	ug/L			02/21/13 20:07	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/21/13 20:07	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/21/13 20:07	4
Methylene Chloride	**4.8**		4.0	1.8	ug/L			02/21/13 20:07	4
Styrene	ND		4.0	2.9	ug/L			02/21/13 20:07	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/21/13 20:07	4
Toluene	ND		4.0	2.0	ug/L			02/21/13 20:07	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			02/21/13 20:07	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/21/13 20:07	4
Trichloroethene	**200**		4.0	1.8	ug/L			02/21/13 20:07	4
Vinyl chloride	**5.6**		4.0	3.6	ug/L			02/21/13 20:07	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/21/13 20:07	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*02/21/13 20:07*	*4*
Toluene-d8 (Surr)	*91*		*71 - 126*		*02/21/13 20:07*	*4*
4-Bromofluorobenzene (Surr)	*79*		*73 - 120*		*02/21/13 20:07*	*4*

Client Sample ID: OSMW-10S 021913

Lab Sample ID: 480-33208-17

Date Collected: 02/19/13 11:18

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 20:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 20:32	1
1,1-Dichloroethane	**56**		1.0	0.38	ug/L			02/21/13 20:32	1
1,1-Dichloroethene	**32**		1.0	0.29	ug/L			02/21/13 20:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 20:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 20:32	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 20:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 20:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 20:32	1
Acetone	**4.8**	**J**	10	3.0	ug/L			02/21/13 20:32	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 20:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 20:32	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 20:32	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 20:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 20:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 20:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 20:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 20:32	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 20:32	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 20:32	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 20:32	1
cis-1,2-Dichloroethene	**100**		1.0	0.81	ug/L			02/21/13 20:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 20:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 20:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 20:32	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 20:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 20:32	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 20:32	1
trans-1,2-Dichloroethene	**2.2**		1.0	0.90	ug/L			02/21/13 20:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 20:32	1
Trichloroethene	**29**		1.0	0.46	ug/L			02/21/13 20:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*02/21/13 20:32*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*02/21/13 20:32*	*1*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*02/21/13 20:32*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**140**		4.0	3.3	ug/L			02/25/13 16:46	4
Vinyl chloride	**120**		4.0	3.6	ug/L			02/25/13 16:46	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*02/25/13 16:46*	*4*
Toluene-d8 (Surr)	*106*		*71 - 126*		*02/25/13 16:46*	*4*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*02/25/13 16:46*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-10D 021913

Lab Sample ID: 480-33208-18

Date Collected: 02/19/13 11:32
Matrix: Water
Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 20:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 20:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 20:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 20:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 20:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 20:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 20:58	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 20:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 20:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 20:58	1
Acetone	**5.1**	**J**	10	3.0	ug/L			02/21/13 20:58	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 20:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 20:58	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 20:58	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 20:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 20:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 20:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 20:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 20:58	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 20:58	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 20:58	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 20:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 20:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 20:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 20:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 20:58	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 20:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 20:58	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 20:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 20:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 20:58	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 20:58	1
Vinyl chloride	**3.1**		1.0	0.90	ug/L			02/21/13 20:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*66 - 137*		*02/21/13 20:58*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*02/21/13 20:58*	*1*
4-Bromofluorobenzene (Surr)	*79*		*73 - 120*		*02/21/13 20:58*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-3S 021913

Lab Sample ID: 480-33208-19

Date Collected: 02/19/13 12:56

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 21:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 21:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 21:23	1
1,1-Dichloroethane	**0.58**	**J**	1.0	0.38	ug/L			02/21/13 21:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 21:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 21:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 21:23	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 21:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 21:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 21:23	1
Acetone	**4.9**	**J**	10	3.0	ug/L			02/21/13 21:23	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 21:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 21:23	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 21:23	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 21:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 21:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 21:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 21:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 21:23	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 21:23	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 21:23	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 21:23	1
cis-1,2-Dichloroethene	**1.0**		1.0	0.81	ug/L			02/21/13 21:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 21:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 21:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 21:23	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 21:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 21:23	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 21:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 21:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 21:23	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 21:23	1
Vinyl chloride	**4.5**		1.0	0.90	ug/L			02/21/13 21:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*66 - 137*		*02/21/13 21:23*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*02/21/13 21:23*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*02/21/13 21:23*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-12P 021913

Lab Sample ID: 480-33208-20

Date Collected: 02/19/13 13:00

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**4.4**		1.0	0.82	ug/L			02/21/13 21:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 21:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 21:47	1
1,1-Dichloroethane	**2.6**		1.0	0.38	ug/L			02/21/13 21:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 21:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 21:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 21:47	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 21:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 21:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 21:47	1
Acetone	**5.2**	**J**	10	3.0	ug/L			02/21/13 21:47	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 21:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 21:47	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 21:47	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 21:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 21:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 21:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 21:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 21:47	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 21:47	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 21:47	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 21:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 21:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 21:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 21:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 21:47	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 21:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 21:47	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 21:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 21:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 21:47	1
Trichloroethene	**5.1**		1.0	0.46	ug/L			02/21/13 21:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 21:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/21/13 21:47*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*02/21/13 21:47*	*1*
4-Bromofluorobenzene (Surr)	*77*		*73 - 120*		*02/21/13 21:47*	*1*

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-3D 021913

Lab Sample ID: 480-33208-21

Date Collected: 02/19/13 13:10

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 13:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 13:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 13:59	1
1,1-Dichloroethane	**4.4**		1.0	0.38	ug/L			02/21/13 13:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 13:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 13:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 13:59	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 13:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 13:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 13:59	1
Acetone	**3.8**	**J**	10	3.0	ug/L			02/21/13 13:59	1
Benzene	**1.4**		1.0	0.41	ug/L			02/21/13 13:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 13:59	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 13:59	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 13:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 13:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 13:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 13:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 13:59	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 13:59	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 13:59	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 13:59	1
cis-1,2-Dichloroethene	**3.0**		1.0	0.81	ug/L			02/21/13 13:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 13:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 13:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 13:59	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 13:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 13:59	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 13:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 13:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 13:59	1
Trichloroethene	**2.5**		1.0	0.46	ug/L			02/21/13 13:59	1
Vinyl chloride	**6.7**		1.0	0.90	ug/L			02/21/13 13:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 13:59*	*1*
Toluene-d8 (Surr)	*115*		*71 - 126*		*02/21/13 13:59*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*02/21/13 13:59*	*1*

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-11P 021913

Lab Sample ID: 480-33208-22

Date Collected: 02/19/13 13:15

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 14:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 14:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 14:23	1
1,1-Dichloroethane	**2.0**		1.0	0.38	ug/L			02/21/13 14:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 14:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 14:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 14:23	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 14:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 14:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 14:23	1
Acetone	**3.8**	**J**	10	3.0	ug/L			02/21/13 14:23	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 14:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 14:23	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 14:23	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 14:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 14:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 14:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 14:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 14:23	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 14:23	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 14:23	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 14:23	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.81	ug/L			02/21/13 14:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 14:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 14:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 14:23	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 14:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 14:23	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 14:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 14:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 14:23	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 14:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 14:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 14:23*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/21/13 14:23*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/21/13 14:23*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-11S 021913

Lab Sample ID: 480-33208-23

Date Collected: 02/19/13 13:23
Matrix: Water
Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			02/21/13 14:47	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/21/13 14:47	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/21/13 14:47	4
1,1-Dichloroethane	**30**		4.0	1.5	ug/L			02/21/13 14:47	4
1,1-Dichloroethene	**2.2**	**J**	4.0	1.2	ug/L			02/21/13 14:47	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/21/13 14:47	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/21/13 14:47	4
2-Hexanone	ND		20	5.0	ug/L			02/21/13 14:47	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/21/13 14:47	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/21/13 14:47	4
Acetone	ND		40	12	ug/L			02/21/13 14:47	4
Benzene	ND		4.0	1.6	ug/L			02/21/13 14:47	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/21/13 14:47	4
Bromoform	ND		4.0	1.0	ug/L			02/21/13 14:47	4
Bromomethane	ND		4.0	2.8	ug/L			02/21/13 14:47	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/21/13 14:47	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/21/13 14:47	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/21/13 14:47	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/21/13 14:47	4
Chloroethane	ND		4.0	1.3	ug/L			02/21/13 14:47	4
Chloroform	ND		4.0	1.4	ug/L			02/21/13 14:47	4
Chloromethane	ND		4.0	1.4	ug/L			02/21/13 14:47	4
cis-1,2-Dichloroethene	**250**		4.0	3.2	ug/L			02/21/13 14:47	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/21/13 14:47	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/21/13 14:47	4
Methylene Chloride	ND		4.0	1.8	ug/L			02/21/13 14:47	4
Styrene	ND		4.0	2.9	ug/L			02/21/13 14:47	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/21/13 14:47	4
Toluene	ND		4.0	2.0	ug/L			02/21/13 14:47	4
trans-1,2-Dichloroethene	**5.9**		4.0	3.6	ug/L			02/21/13 14:47	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/21/13 14:47	4
Trichloroethene	**32**		4.0	1.8	ug/L			02/21/13 14:47	4
Vinyl chloride	**4.6**		4.0	3.6	ug/L			02/21/13 14:47	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/21/13 14:47	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 14:47*	*4*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/21/13 14:47*	*4*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/21/13 14:47*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-11D 021913

Lab Sample ID: 480-33208-24

Date Collected: 02/19/13 13:29

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			02/21/13 15:11	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			02/21/13 15:11	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			02/21/13 15:11	4
1,1-Dichloroethane	**30**		4.0	1.5	ug/L			02/21/13 15:11	4
1,1-Dichloroethene	**2.6**	**J**	4.0	1.2	ug/L			02/21/13 15:11	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			02/21/13 15:11	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			02/21/13 15:11	4
2-Hexanone	ND		20	5.0	ug/L			02/21/13 15:11	4
2-Butanone (MEK)	ND		40	5.3	ug/L			02/21/13 15:11	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			02/21/13 15:11	4
Acetone	ND		40	12	ug/L			02/21/13 15:11	4
Benzene	ND		4.0	1.6	ug/L			02/21/13 15:11	4
Bromodichloromethane	ND		4.0	1.6	ug/L			02/21/13 15:11	4
Bromoform	ND		4.0	1.0	ug/L			02/21/13 15:11	4
Bromomethane	ND		4.0	2.8	ug/L			02/21/13 15:11	4
Carbon disulfide	ND		4.0	0.76	ug/L			02/21/13 15:11	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			02/21/13 15:11	4
Chlorobenzene	ND		4.0	3.0	ug/L			02/21/13 15:11	4
Dibromochloromethane	ND		4.0	1.3	ug/L			02/21/13 15:11	4
Chloroethane	ND		4.0	1.3	ug/L			02/21/13 15:11	4
Chloroform	ND		4.0	1.4	ug/L			02/21/13 15:11	4
Chloromethane	ND		4.0	1.4	ug/L			02/21/13 15:11	4
cis-1,2-Dichloroethene	**250**		4.0	3.2	ug/L			02/21/13 15:11	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			02/21/13 15:11	4
Ethylbenzene	ND		4.0	3.0	ug/L			02/21/13 15:11	4
Methylene Chloride	ND		4.0	1.8	ug/L			02/21/13 15:11	4
Styrene	ND		4.0	2.9	ug/L			02/21/13 15:11	4
Tetrachloroethene	ND		4.0	1.4	ug/L			02/21/13 15:11	4
Toluene	ND		4.0	2.0	ug/L			02/21/13 15:11	4
trans-1,2-Dichloroethene	**5.8**		4.0	3.6	ug/L			02/21/13 15:11	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			02/21/13 15:11	4
Trichloroethene	**32**		4.0	1.8	ug/L			02/21/13 15:11	4
Vinyl chloride	**5.5**		4.0	3.6	ug/L			02/21/13 15:11	4
Xylenes, Total	ND		8.0	2.6	ug/L			02/21/13 15:11	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*02/21/13 15:11*	*4*
Toluene-d8 (Surr)	*112*		*71 - 126*		*02/21/13 15:11*	*4*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*02/21/13 15:11*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: TMW-1P 021913

Lab Sample ID: 480-33208-25

Date Collected: 02/19/13 13:30

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**230**		10	8.2	ug/L			02/21/13 15:34	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			02/21/13 15:34	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			02/21/13 15:34	10
1,1-Dichloroethane	**97**		10	3.8	ug/L			02/21/13 15:34	10
1,1-Dichloroethene	**14**		10	2.9	ug/L			02/21/13 15:34	10
1,2-Dichloroethane	ND		10	2.1	ug/L			02/21/13 15:34	10
1,2-Dichloropropane	ND		10	7.2	ug/L			02/21/13 15:34	10
2-Hexanone	ND		50	12	ug/L			02/21/13 15:34	10
2-Butanone (MEK)	ND		100	13	ug/L			02/21/13 15:34	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			02/21/13 15:34	10
Acetone	ND		100	30	ug/L			02/21/13 15:34	10
Benzene	ND		10	4.1	ug/L			02/21/13 15:34	10
Bromodichloromethane	ND		10	3.9	ug/L			02/21/13 15:34	10
Bromoform	ND		10	2.6	ug/L			02/21/13 15:34	10
Bromomethane	ND		10	6.9	ug/L			02/21/13 15:34	10
Carbon disulfide	ND		10	1.9	ug/L			02/21/13 15:34	10
Carbon tetrachloride	ND		10	2.7	ug/L			02/21/13 15:34	10
Chlorobenzene	ND		10	7.5	ug/L			02/21/13 15:34	10
Dibromochloromethane	ND		10	3.2	ug/L			02/21/13 15:34	10
Chloroethane	ND		10	3.2	ug/L			02/21/13 15:34	10
Chloroform	ND		10	3.4	ug/L			02/21/13 15:34	10
Chloromethane	ND		10	3.5	ug/L			02/21/13 15:34	10
cis-1,2-Dichloroethene	**54**		10	8.1	ug/L			02/21/13 15:34	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			02/21/13 15:34	10
Ethylbenzene	ND		10	7.4	ug/L			02/21/13 15:34	10
Methylene Chloride	ND		10	4.4	ug/L			02/21/13 15:34	10
Styrene	ND		10	7.3	ug/L			02/21/13 15:34	10
Tetrachloroethene	ND		10	3.6	ug/L			02/21/13 15:34	10
Toluene	ND		10	5.1	ug/L			02/21/13 15:34	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			02/21/13 15:34	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			02/21/13 15:34	10
Trichloroethene	**410**		10	4.6	ug/L			02/21/13 15:34	10
Vinyl chloride	**70**		10	9.0	ug/L			02/21/13 15:34	10
Xylenes, Total	ND		20	6.6	ug/L			02/21/13 15:34	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 15:34*	*10*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/21/13 15:34*	*10*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*02/21/13 15:34*	*10*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: TMW-1S 021913

Lab Sample ID: 480-33208-26

Date Collected: 02/19/13 13:40

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 15:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 15:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 15:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 15:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 15:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 15:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 15:58	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 15:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 15:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 15:58	1
Acetone	**5.0**	**J**	10	3.0	ug/L			02/21/13 15:58	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 15:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 15:58	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 15:58	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 15:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 15:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 15:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 15:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 15:58	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 15:58	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 15:58	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 15:58	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.81	ug/L			02/21/13 15:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 15:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 15:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 15:58	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 15:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 15:58	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 15:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 15:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 15:58	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 15:58	1
Vinyl chloride	**9.1**		1.0	0.90	ug/L			02/21/13 15:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*02/21/13 15:58*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/21/13 15:58*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/21/13 15:58*	*1*

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-13P 021913

Lab Sample ID: 480-33208-27

Date Collected: 02/19/13 13:41

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 16:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 16:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 16:22	1
1,1-Dichloroethane	**3.9**		1.0	0.38	ug/L			02/21/13 16:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 16:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 16:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 16:22	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 16:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 16:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 16:22	1
Acetone	**5.8**	**J**	10	3.0	ug/L			02/21/13 16:22	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 16:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 16:22	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 16:22	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 16:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 16:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 16:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 16:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 16:22	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 16:22	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 16:22	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 16:22	1
cis-1,2-Dichloroethene	**1.7**		1.0	0.81	ug/L			02/21/13 16:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 16:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 16:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 16:22	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 16:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 16:22	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 16:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 16:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 16:22	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 16:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 16:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/21/13 16:22*	*1*
Toluene-d8 (Surr)	*113*		*71 - 126*		*02/21/13 16:22*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/21/13 16:22*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: TMW-1D 021913

Lab Sample ID: 480-33208-28

Date Collected: 02/19/13 13:54

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 16:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 16:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 16:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 16:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 16:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 16:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 16:46	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 16:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 16:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 16:46	1
Acetone	ND		10	3.0	ug/L			02/21/13 16:46	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 16:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 16:46	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 16:46	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 16:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 16:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 16:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 16:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 16:46	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 16:46	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 16:46	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 16:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 16:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 16:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 16:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 16:46	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 16:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 16:46	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 16:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 16:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 16:46	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 16:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 16:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*02/21/13 16:46*	*1*
Toluene-d8 (Surr)	*114*		*71 - 126*		*02/21/13 16:46*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/21/13 16:46*	*1*

Client Sample ID: AF-11S 021913

Lab Sample ID: 480-33208-29

Date Collected: 02/19/13 14:19

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 17:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 17:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 17:10	1
1,1-Dichloroethane	**1.0**		1.0	0.38	ug/L			02/21/13 17:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 17:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 17:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 17:10	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 17:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 17:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 17:10	1
Acetone	**5.2**	**J**	10	3.0	ug/L			02/21/13 17:10	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 17:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 17:10	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 17:10	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 17:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 17:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 17:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 17:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 17:10	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 17:10	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 17:10	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 17:10	1
cis-1,2-Dichloroethene	**11**		1.0	0.81	ug/L			02/21/13 17:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 17:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 17:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 17:10	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 17:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 17:10	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 17:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 17:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 17:10	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 17:10	1
Vinyl chloride	**32**		1.0	0.90	ug/L			02/21/13 17:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*02/21/13 17:10*	*1*
Toluene-d8 (Surr)	*115*		*71 - 126*		*02/21/13 17:10*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*02/21/13 17:10*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: AF-11D 021913

Lab Sample ID: 480-33208-30

Date Collected: 02/19/13 14:31

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 17:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 17:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 17:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 17:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 17:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 17:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 17:34	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 17:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 17:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 17:34	1
Acetone	**5.4**	**J**	10	3.0	ug/L			02/21/13 17:34	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 17:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 17:34	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 17:34	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 17:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 17:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 17:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 17:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 17:34	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 17:34	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 17:34	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 17:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 17:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 17:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 17:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 17:34	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 17:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 17:34	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 17:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 17:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 17:34	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 17:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 17:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*02/21/13 17:34*	*1*
Toluene-d8 (Surr)	*113*		*71 - 126*		*02/21/13 17:34*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/21/13 17:34*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: ADW-101 021913

Lab Sample ID: 480-33208-31

Date Collected: 02/19/13 00:00

Matrix: Water

Date Received: 02/20/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 18:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 18:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 18:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 18:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 18:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 18:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 18:45	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 18:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 18:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 18:45	1
Acetone	**6.4**	**J**	10	3.0	ug/L			02/21/13 18:45	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 18:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 18:45	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 18:45	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 18:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 18:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 18:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 18:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 18:45	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 18:45	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 18:45	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 18:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 18:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 18:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 18:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 18:45	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 18:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 18:45	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 18:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 18:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 18:45	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 18:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 18:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*02/21/13 18:45*	*1*
Toluene-d8 (Surr)	*115*		*71 - 126*		*02/21/13 18:45*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*02/21/13 18:45*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-33208-1	Trip Blank 021913	111	93	84
480-33208-2	OSMW-4S 021913	107	89	81
480-33208-3	AF-7P 021913	109	108	105
480-33208-4	OSMW-4D 021913	106	90	81
480-33208-5	AF-7S 021913	110	94	83
480-33208-6	AF-7D 021913	110	89	81
480-33208-6 MS	AF-7D 021913	98	95	86
480-33208-6 MSD	AF-7D 021913	100	97	89
480-33208-7	ADW-100 021913	110	105	104
480-33208-8	OSMW-9D 021913	107	92	80
480-33208-9	PMW-3P 021913	105	90	80
480-33208-10	OSMW-6D 021913	107	90	79
480-33208-10 - DL	OSMW-6D 021913	107	107	108
480-33208-11	PMW-3S 021913	107	107	107
480-33208-12	PMW-3D 021913	110	90	79
480-33208-13	OSMW-1P 021913	110	90	81
480-33208-14	OSMW-1S 021913	110	107	109
480-33208-15	OSMW-1D 021913	103	107	107
480-33208-16	OSMW-10P 021913	112	91	79
480-33208-17	OSMW-10S 021913	115	97	86
480-33208-17 - DL	OSMW-10S 021913	109	106	109
480-33208-18	OSMW-10D 021913	114	89	79
480-33208-19	OSMW-3S 021913	118	94	83
480-33208-20	OSMW-12P 021913	110	89	77
480-33208-21	OSMW-3D 021913	107	115	108
480-33208-22	OSMW-11P 021913	107	114	107
480-33208-23	OSMW-11S 021913	107	114	107
480-33208-24	OSMW-11D 021913	105	112	106
480-33208-25	TMW-1P 021913	107	114	106
480-33208-26	TMW-1S 021913	106	114	107
480-33208-27	OSMW-13P 021913	107	113	105
480-33208-28	TMW-1D 021913	108	114	107
480-33208-29	AF-11S 021913	108	115	108
480-33208-30	AF-11D 021913	104	113	107
480-33208-30 MS	AF-11D 021913	105	113	107
480-33208-30 MSD	AF-11D 021913	104	114	107
480-33208-31	ADW-101 021913	106	115	108
LCS 480-104354/4	Lab Control Sample	97	95	87
LCS 480-104359/4	Lab Control Sample	104	111	107
LCS 480-104703/4	Lab Control Sample	110	106	109
MB 480-104354/5	Method Blank	106	92	83
MB 480-104359/5	Method Blank	104	112	105
MB 480-104703/7	Method Blank	107	105	105

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-104354/5
Matrix: Water
Analysis Batch: 104354

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 12:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 12:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 12:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 12:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 12:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 12:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 12:11	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 12:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 12:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 12:11	1
Acetone	ND		10	3.0	ug/L			02/21/13 12:11	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 12:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 12:11	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 12:11	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 12:11	1
Carbon disulfide	0.266	J	1.0	0.19	ug/L			02/21/13 12:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 12:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 12:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 12:11	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 12:11	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 12:11	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 12:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 12:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 12:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 12:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 12:11	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 12:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 12:11	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 12:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 12:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 12:11	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 12:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 12:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 12:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*02/21/13 12:11*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*02/21/13 12:11*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*02/21/13 12:11*	*1*

Lab Sample ID: LCS 480-104354/4
Matrix: Water
Analysis Batch: 104354

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.0		ug/L		92	70 - 126
1,1,2-Trichloroethane	25.0	23.2		ug/L		93	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104354/4
Matrix: Water
Analysis Batch: 104354

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	24.4		ug/L		97	71 - 129
1,1-Dichloroethene	25.0	22.1		ug/L		88	58 - 121
1,2-Dichloroethane	25.0	24.4		ug/L		97	75 - 127
1,2-Dichloropropane	25.0	24.2		ug/L		97	76 - 120
2-Hexanone	125	125		ug/L		100	65 - 127
2-Butanone (MEK)	125	135		ug/L		108	57 - 140
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125
Acetone	125	142		ug/L		114	56 - 142
Benzene	25.0	23.8		ug/L		95	71 - 124
Bromodichloromethane	25.0	24.1		ug/L		96	80 - 122
Bromoform	25.0	24.3		ug/L		97	66 - 128
Bromomethane	25.0	28.0		ug/L		112	55 - 144
Carbon disulfide	25.0	22.9		ug/L		91	59 - 134
Carbon tetrachloride	25.0	24.5		ug/L		98	72 - 134
Chlorobenzene	25.0	21.9		ug/L		88	72 - 120
Dibromochloromethane	25.0	23.2		ug/L		93	75 - 125
Chloroethane	25.0	26.9		ug/L		108	69 - 136
Chloroform	25.0	24.1		ug/L		96	73 - 127
Chloromethane	25.0	20.2		ug/L		81	68 - 124
cis-1,2-Dichloroethene	25.0	22.8		ug/L		91	74 - 124
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	74 - 124
Ethylbenzene	25.0	22.2		ug/L		89	77 - 123
Methylene Chloride	25.0	24.7		ug/L		99	57 - 132
Styrene	25.0	22.1		ug/L		88	70 - 130
Tetrachloroethene	25.0	21.8		ug/L		87	74 - 122
Toluene	25.0	22.2		ug/L		89	80 - 122
trans-1,2-Dichloroethene	25.0	23.2		ug/L		93	73 - 127
trans-1,3-Dichloropropene	25.0	22.6		ug/L		90	72 - 123
Trichloroethene	25.0	22.2		ug/L		89	74 - 123
Vinyl chloride	25.0	23.4		ug/L		94	65 - 133
Xylenes, Total	75.0	66.7		ug/L		89	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
Toluene-d8 (Surr)	*95*		*71 - 126*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*

Lab Sample ID: 480-33208-6 MS
Matrix: Water
Analysis Batch: 104354

Client Sample ID: AF-7D 021913
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	28.6		ug/L		114	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	26.3		ug/L		105	70 - 126
1,1,2-Trichloroethane	ND		25.0	25.3		ug/L		101	76 - 122
1,1-Dichloroethane	ND		25.0	28.7		ug/L		115	71 - 129
1,1-Dichloroethene	ND		25.0	27.4		ug/L		110	58 - 121
1,2-Dichloroethane	ND		25.0	27.8		ug/L		111	75 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33208-6 MS
Matrix: Water
Analysis Batch: 104354

Client Sample ID: AF-7D 021913
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	ND		25.0	27.5		ug/L		110	76 - 120
2-Hexanone	ND		125	141		ug/L		113	65 - 127
2-Butanone (MEK)	ND		125	148		ug/L		119	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	138		ug/L		110	71 - 125
Acetone	ND		125	158		ug/L		126	56 - 142
Benzene	ND		25.0	27.1		ug/L		108	71 - 124
Bromodichloromethane	ND		25.0	27.5		ug/L		110	80 - 122
Bromoform	ND		25.0	26.8		ug/L		107	66 - 128
Bromomethane	ND		25.0	34.0		ug/L		136	55 - 144
Carbon disulfide	ND		25.0	24.5		ug/L		98	59 - 134
Carbon tetrachloride	ND		25.0	28.2		ug/L		113	72 - 134
Chlorobenzene	ND		25.0	24.7		ug/L		99	72 - 120
Dibromochloromethane	ND		25.0	25.8		ug/L		103	75 - 125
Chloroethane	ND		25.0	32.3		ug/L		129	69 - 136
Chloroform	ND		25.0	27.8		ug/L		111	73 - 127
Chloromethane	ND		25.0	32.9	F	ug/L		131	68 - 124
cis-1,2-Dichloroethene	ND		25.0	26.5		ug/L		106	74 - 124
cis-1,3-Dichloropropene	ND		25.0	27.1		ug/L		108	74 - 124
Ethylbenzene	ND		25.0	25.2		ug/L		101	77 - 123
Methylene Chloride	ND		25.0	28.1		ug/L		112	57 - 132
Styrene	ND		25.0	25.5		ug/L		102	70 - 130
Tetrachloroethene	ND		25.0	25.5		ug/L		102	74 - 122
Toluene	ND		25.0	25.2		ug/L		101	80 - 122
trans-1,2-Dichloroethene	ND		25.0	27.0		ug/L		108	73 - 127
trans-1,3-Dichloropropene	ND		25.0	23.7		ug/L		95	72 - 123
Trichloroethene	ND		25.0	25.7		ug/L		103	74 - 123
Vinyl chloride	ND		25.0	35.1	F	ug/L		140	65 - 133
Xylenes, Total	ND		75.0	76.0		ug/L		101	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*
Toluene-d8 (Surr)	*95*		*71 - 126*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*

Lab Sample ID: 480-33208-6 MSD
Matrix: Water
Analysis Batch: 104354

Client Sample ID: AF-7D 021913
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	29.4		ug/L		118	73 - 126	3	15
1,1,2,2-Tetrachloroethane	ND		25.0	27.2		ug/L		109	70 - 126	3	15
1,1,2-Trichloroethane	ND		25.0	26.3		ug/L		105	76 - 122	4	15
1,1-Dichloroethane	ND		25.0	29.2		ug/L		117	71 - 129	2	20
1,1-Dichloroethene	ND		25.0	28.2		ug/L		113	58 - 121	3	16
1,2-Dichloroethane	ND		25.0	28.6		ug/L		114	75 - 127	3	20
1,2-Dichloropropane	ND		25.0	28.2		ug/L		113	76 - 120	2	20
2-Hexanone	ND		125	145		ug/L		116	65 - 127	2	15
2-Butanone (MEK)	ND		125	157		ug/L		125	57 - 140	5	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33208-6 MSD
Matrix: Water
Analysis Batch: 104354

Client Sample ID: AF-7D 021913
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	ND		125	143		ug/L		114	71 - 125	3	35
Acetone	ND		125	161		ug/L		129	56 - 142	2	15
Benzene	ND		25.0	27.8		ug/L		111	71 - 124	3	13
Bromodichloromethane	ND		25.0	28.4		ug/L		113	80 - 122	3	15
Bromoform	ND		25.0	27.8		ug/L		111	66 - 128	4	15
Bromomethane	ND		25.0	36.0		ug/L		144	55 - 144	6	15
Carbon disulfide	ND		25.0	25.8		ug/L		103	59 - 134	5	15
Carbon tetrachloride	ND		25.0	29.4		ug/L		117	72 - 134	4	15
Chlorobenzene	ND		25.0	25.2		ug/L		101	72 - 120	2	25
Dibromochloromethane	ND		25.0	27.2		ug/L		109	75 - 125	5	15
Chloroethane	ND		25.0	32.8		ug/L		131	69 - 136	2	15
Chloroform	ND		25.0	28.1		ug/L		113	73 - 127	1	20
Chloromethane	ND		25.0	33.7	F	ug/L		135	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	27.2		ug/L		109	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	27.6		ug/L		110	74 - 124	2	15
Ethylbenzene	ND		25.0	26.2		ug/L		105	77 - 123	4	15
Methylene Chloride	ND		25.0	28.8		ug/L		115	57 - 132	2	15
Styrene	ND		25.0	26.7		ug/L		107	70 - 130	5	20
Tetrachloroethene	ND		25.0	26.1		ug/L		104	74 - 122	2	20
Toluene	ND		25.0	26.3		ug/L		105	80 - 122	4	15
trans-1,2-Dichloroethene	ND		25.0	27.7		ug/L		111	73 - 127	3	20
trans-1,3-Dichloropropene	ND		25.0	25.0		ug/L		100	72 - 123	5	15
Trichloroethene	ND		25.0	26.7		ug/L		107	74 - 123	4	16
Vinyl chloride	ND		25.0	36.0	F	ug/L		144	65 - 133	3	15
Xylenes, Total	ND		75.0	78.9		ug/L		105	76 - 122	4	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*
Toluene-d8 (Surr)	*97*		*71 - 126*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*

Lab Sample ID: MB 480-104359/5
Matrix: Water
Analysis Batch: 104359

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/21/13 12:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/21/13 12:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/21/13 12:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/21/13 12:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/21/13 12:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/21/13 12:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/21/13 12:38	1
2-Hexanone	ND		5.0	1.2	ug/L			02/21/13 12:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/21/13 12:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/21/13 12:38	1
Acetone	ND		10	3.0	ug/L			02/21/13 12:38	1
Benzene	ND		1.0	0.41	ug/L			02/21/13 12:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-104359/5
Matrix: Water
Analysis Batch: 104359

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			02/21/13 12:38	1
Bromoform	ND		1.0	0.26	ug/L			02/21/13 12:38	1
Bromomethane	ND		1.0	0.69	ug/L			02/21/13 12:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/21/13 12:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/21/13 12:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/21/13 12:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/21/13 12:38	1
Chloroethane	ND		1.0	0.32	ug/L			02/21/13 12:38	1
Chloroform	ND		1.0	0.34	ug/L			02/21/13 12:38	1
Chloromethane	ND		1.0	0.35	ug/L			02/21/13 12:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/21/13 12:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/21/13 12:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/21/13 12:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/21/13 12:38	1
Styrene	ND		1.0	0.73	ug/L			02/21/13 12:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/21/13 12:38	1
Toluene	ND		1.0	0.51	ug/L			02/21/13 12:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/21/13 12:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/21/13 12:38	1
Trichloroethene	ND		1.0	0.46	ug/L			02/21/13 12:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/21/13 12:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/21/13 12:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*02/21/13 12:38*	*1*
Toluene-d8 (Surr)	*112*		*71 - 126*		*02/21/13 12:38*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/21/13 12:38*	*1*

Lab Sample ID: LCS 480-104359/4
Matrix: Water
Analysis Batch: 104359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.9		ug/L		100	70 - 126
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	76 - 122
1,1-Dichloroethane	25.0	23.6		ug/L		95	71 - 129
1,1-Dichloroethene	25.0	25.3		ug/L		101	58 - 121
1,2-Dichloroethane	25.0	25.1		ug/L		100	75 - 127
1,2-Dichloropropane	25.0	24.1		ug/L		96	76 - 120
2-Hexanone	125	134		ug/L		108	65 - 127
2-Butanone (MEK)	125	135		ug/L		108	57 - 140
4-Methyl-2-pentanone (MIBK)	125	136		ug/L		109	71 - 125
Acetone	125	136		ug/L		109	56 - 142
Benzene	25.0	24.8		ug/L		99	71 - 124
Bromodichloromethane	25.0	23.0		ug/L		92	80 - 122
Bromoform	25.0	21.3		ug/L		85	66 - 128
Bromomethane	25.0	24.2		ug/L		97	55 - 144

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104359/4
Matrix: Water
Analysis Batch: 104359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	25.0	25.4		ug/L		101	59 - 134
Carbon tetrachloride	25.0	22.7		ug/L		91	72 - 134
Chlorobenzene	25.0	26.3		ug/L		105	72 - 120
Dibromochloromethane	25.0	23.5		ug/L		94	75 - 125
Chloroethane	25.0	25.0		ug/L		100	69 - 136
Chloroform	25.0	23.7		ug/L		95	73 - 127
Chloromethane	25.0	22.2		ug/L		89	68 - 124
cis-1,2-Dichloroethene	25.0	24.4		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	74 - 124
Ethylbenzene	25.0	26.0		ug/L		104	77 - 123
Methylene Chloride	25.0	24.6		ug/L		98	57 - 132
Styrene	25.0	26.1		ug/L		104	70 - 130
Tetrachloroethene	25.0	25.6		ug/L		102	74 - 122
Toluene	25.0	26.1		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	24.8		ug/L		99	72 - 123
Trichloroethene	25.0	24.6		ug/L		99	74 - 123
Vinyl chloride	25.0	23.5		ug/L		94	65 - 133
Xylenes, Total	75.0	76.9		ug/L		103	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*
Toluene-d8 (Surr)	*111*		*71 - 126*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*

Lab Sample ID: 480-33208-30 MS
Matrix: Water
Analysis Batch: 104359

Client Sample ID: AF-11D 021913
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	28.7		ug/L		115	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	26.5		ug/L		106	70 - 126
1,1,2-Trichloroethane	ND		25.0	28.3		ug/L		113	76 - 122
1,1-Dichloroethane	ND		25.0	28.0		ug/L		112	71 - 129
1,1-Dichloroethene	ND		25.0	31.1	F	ug/L		125	58 - 121
1,2-Dichloroethane	ND		25.0	28.1		ug/L		112	75 - 127
1,2-Dichloropropane	ND		25.0	27.8		ug/L		111	76 - 120
2-Hexanone	ND		125	132		ug/L		106	65 - 127
2-Butanone (MEK)	ND		125	132		ug/L		105	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	135		ug/L		108	71 - 125
Acetone	5.4	J	125	134		ug/L		103	56 - 142
Benzene	ND		25.0	29.1		ug/L		116	71 - 124
Bromodichloromethane	ND		25.0	25.1		ug/L		100	80 - 122
Bromoform	ND		25.0	19.9		ug/L		80	66 - 128
Bromomethane	ND		25.0	26.3		ug/L		105	55 - 144
Carbon disulfide	ND		25.0	25.4		ug/L		101	59 - 134
Carbon tetrachloride	ND		25.0	26.4		ug/L		106	72 - 134
Chlorobenzene	ND		25.0	29.6		ug/L		119	72 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33208-30 MS — **Client Sample ID: AF-11D 021913**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 104359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromochloromethane	ND		25.0	23.9		ug/L		96	75 - 125
Chloroethane	ND		25.0	32.8		ug/L		131	69 - 136
Chloroform	ND		25.0	27.5		ug/L		110	73 - 127
Chloromethane	ND		25.0	27.0		ug/L		108	68 - 124
cis-1,2-Dichloroethene	ND		25.0	29.0		ug/L		116	74 - 124
cis-1,3-Dichloropropene	ND		25.0	25.3		ug/L		101	74 - 124
Ethylbenzene	ND		25.0	30.2		ug/L		121	77 - 123
Methylene Chloride	ND		25.0	27.9		ug/L		112	57 - 132
Styrene	ND		25.0	29.6		ug/L		119	70 - 130
Tetrachloroethene	ND		25.0	30.3		ug/L		121	74 - 122
Toluene	ND		25.0	30.4		ug/L		122	80 - 122
trans-1,2-Dichloroethene	ND		25.0	28.9		ug/L		115	73 - 127
trans-1,3-Dichloropropene	ND		25.0	24.8		ug/L		99	72 - 123
Trichloroethene	ND		25.0	29.2		ug/L		117	74 - 123
Vinyl chloride	ND		25.0	29.6		ug/L		118	65 - 133
Xylenes, Total	ND		75.0	88.9		ug/L		119	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*
Toluene-d8 (Surr)	*113*		*71 - 126*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*

Lab Sample ID: 480-33208-30 MSD — **Client Sample ID: AF-11D 021913**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 104359

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	28.3		ug/L		113	73 - 126	1	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.8		ug/L		107	70 - 126	1	15
1,1,2-Trichloroethane	ND		25.0	27.9		ug/L		112	76 - 122	1	15
1,1-Dichloroethane	ND		25.0	27.7		ug/L		111	71 - 129	1	20
1,1-Dichloroethene	ND		25.0	30.6	F	ug/L		122	58 - 121	2	16
1,2-Dichloroethane	ND		25.0	27.8		ug/L		111	75 - 127	1	20
1,2-Dichloropropane	ND		25.0	27.3		ug/L		109	76 - 120	2	20
2-Hexanone	ND		125	133		ug/L		106	65 - 127	1	15
2-Butanone (MEK)	ND		125	131		ug/L		105	57 - 140	0	20
4-Methyl-2-pentanone (MIBK)	ND		125	136		ug/L		109	71 - 125	1	35
Acetone	5.4	J	125	129		ug/L		99	56 - 142	4	15
Benzene	ND		25.0	28.7		ug/L		115	71 - 124	1	13
Bromodichloromethane	ND		25.0	25.1		ug/L		101	80 - 122	0	15
Bromoform	ND		25.0	20.9		ug/L		83	66 - 128	5	15
Bromomethane	ND		25.0	25.3		ug/L		101	55 - 144	4	15
Carbon disulfide	ND		25.0	25.3		ug/L		101	59 - 134	0	15
Carbon tetrachloride	ND		25.0	26.5		ug/L		106	72 - 134	0	15
Chlorobenzene	ND		25.0	29.5		ug/L		118	72 - 120	1	25
Dibromochloromethane	ND		25.0	24.2		ug/L		97	75 - 125	1	15
Chloroethane	ND		25.0	31.0		ug/L		124	69 - 136	5	15
Chloroform	ND		25.0	27.1		ug/L		109	73 - 127	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33208-30 MSD
Matrix: Water
Analysis Batch: 104359

Client Sample ID: AF-11D 021913
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	ND		25.0	26.4		ug/L		105	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	28.2		ug/L		113	74 - 124	3	15
cis-1,3-Dichloropropene	ND		25.0	25.1		ug/L		100	74 - 124	1	15
Ethylbenzene	ND		25.0	30.0		ug/L		120	77 - 123	1	15
Methylene Chloride	ND		25.0	27.7		ug/L		111	57 - 132	1	15
Styrene	ND		25.0	29.4		ug/L		118	70 - 130	1	20
Tetrachloroethene	ND		25.0	29.8		ug/L		119	74 - 122	2	20
Toluene	ND		25.0	30.1		ug/L		120	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	28.7		ug/L		115	73 - 127	1	20
trans-1,3-Dichloropropene	ND		25.0	25.0		ug/L		100	72 - 123	1	15
Trichloroethene	ND		25.0	28.8		ug/L		115	74 - 123	1	16
Vinyl chloride	ND		25.0	29.3		ug/L		117	65 - 133	1	15
Xylenes, Total	ND		75.0	88.7		ug/L		118	76 - 122	0	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*
Toluene-d8 (Surr)	*114*		*71 - 126*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*

Lab Sample ID: MB 480-104703/7
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 13:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 13:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 13:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 13:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 13:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 13:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 13:00	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 13:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 13:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 13:00	1
Acetone	ND		10	3.0	ug/L			02/25/13 13:00	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 13:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 13:00	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 13:00	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 13:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 13:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 13:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 13:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 13:00	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 13:00	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 13:00	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 13:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 13:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 13:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-104703/7
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 13:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 13:00	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 13:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 13:00	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 13:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 13:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 13:00	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 13:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 13:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 13:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/25/13 13:00*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*02/25/13 13:00*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/25/13 13:00*	*1*

Lab Sample ID: LCS 480-104703/4
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.1		ug/L		100	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.9		ug/L		100	70 - 126
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	25.5		ug/L		102	71 - 129
1,1-Dichloroethene	25.0	26.7		ug/L		107	58 - 121
1,2-Dichloroethane	25.0	26.2		ug/L		105	75 - 127
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
2-Hexanone	125	139		ug/L		111	65 - 127
2-Butanone (MEK)	125	190	*	ug/L		152	57 - 140
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		110	71 - 125
Acetone	125	157		ug/L		125	56 - 142
Benzene	25.0	25.6		ug/L		102	71 - 124
Bromodichloromethane	25.0	26.2		ug/L		105	80 - 122
Bromoform	25.0	27.9		ug/L		112	66 - 128
Bromomethane	25.0	21.9		ug/L		88	55 - 144
Carbon disulfide	25.0	23.0		ug/L		92	59 - 134
Carbon tetrachloride	25.0	25.5		ug/L		102	72 - 134
Chlorobenzene	25.0	24.9		ug/L		100	72 - 120
Dibromochloromethane	25.0	26.7		ug/L		107	75 - 125
Chloroethane	25.0	22.7		ug/L		91	69 - 136
Chloroform	25.0	25.7		ug/L		103	73 - 127
Chloromethane	25.0	26.8		ug/L		107	68 - 124
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	26.4		ug/L		106	74 - 124
Ethylbenzene	25.0	24.7		ug/L		99	77 - 123
Methylene Chloride	25.0	24.5		ug/L		98	57 - 132
Styrene	25.0	25.4		ug/L		102	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104703/4
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	25.0	27.3		ug/L		109	74 - 122
Toluene	25.0	25.3		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	26.7		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	25.3		ug/L		101	72 - 123
Trichloroethene	25.0	26.6		ug/L		106	74 - 123
Vinyl chloride	25.0	24.1		ug/L		97	65 - 133
Xylenes, Total	75.0	76.7		ug/L		102	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*
Toluene-d8 (Surr)	*106*		*71 - 126*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

GC/MS VOA

Analysis Batch: 104354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33208-1	Trip Blank 021913	Total/NA	Water	8260B	
480-33208-2	OSMW-4S 021913	Total/NA	Water	8260B	
480-33208-4	OSMW-4D 021913	Total/NA	Water	8260B	
480-33208-5	AF-7S 021913	Total/NA	Water	8260B	
480-33208-6	AF-7D 021913	Total/NA	Water	8260B	
480-33208-6 MS	AF-7D 021913	Total/NA	Water	8260B	
480-33208-6 MSD	AF-7D 021913	Total/NA	Water	8260B	
480-33208-8	OSMW-9D 021913	Total/NA	Water	8260B	
480-33208-9	PMW-3P 021913	Total/NA	Water	8260B	
480-33208-10	OSMW-6D 021913	Total/NA	Water	8260B	
480-33208-12	PMW-3D 021913	Total/NA	Water	8260B	
480-33208-13	OSMW-1P 021913	Total/NA	Water	8260B	
480-33208-16	OSMW-10P 021913	Total/NA	Water	8260B	
480-33208-17	OSMW-10S 021913	Total/NA	Water	8260B	
480-33208-18	OSMW-10D 021913	Total/NA	Water	8260B	
480-33208-19	OSMW-3S 021913	Total/NA	Water	8260B	
480-33208-20	OSMW-12P 021913	Total/NA	Water	8260B	
LCS 480-104354/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104354/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 104359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33208-21	OSMW-3D 021913	Total/NA	Water	8260B	
480-33208-22	OSMW-11P 021913	Total/NA	Water	8260B	
480-33208-23	OSMW-11S 021913	Total/NA	Water	8260B	
480-33208-24	OSMW-11D 021913	Total/NA	Water	8260B	
480-33208-25	TMW-1P 021913	Total/NA	Water	8260B	
480-33208-26	TMW-1S 021913	Total/NA	Water	8260B	
480-33208-27	OSMW-13P 021913	Total/NA	Water	8260B	
480-33208-28	TMW-1D 021913	Total/NA	Water	8260B	
480-33208-29	AF-11S 021913	Total/NA	Water	8260B	
480-33208-30	AF-11D 021913	Total/NA	Water	8260B	
480-33208-30 MS	AF-11D 021913	Total/NA	Water	8260B	
480-33208-30 MSD	AF-11D 021913	Total/NA	Water	8260B	
480-33208-31	ADW-101 021913	Total/NA	Water	8260B	
LCS 480-104359/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104359/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 104703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33208-3	AF-7P 021913	Total/NA	Water	8260B	
480-33208-7	ADW-100 021913	Total/NA	Water	8260B	
480-33208-10 - DL	OSMW-6D 021913	Total/NA	Water	8260B	
480-33208-11	PMW-3S 021913	Total/NA	Water	8260B	
480-33208-14	OSMW-1S 021913	Total/NA	Water	8260B	
480-33208-15	OSMW-1D 021913	Total/NA	Water	8260B	
480-33208-17 - DL	OSMW-10S 021913	Total/NA	Water	8260B	
LCS 480-104703/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104703/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: Trip Blank 021913 — Lab Sample ID: 480-33208-1

Date Collected: 02/19/13 00:00 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 12:58	LH	TAL BUF

Client Sample ID: OSMW-4S 021913 — Lab Sample ID: 480-33208-2

Date Collected: 02/19/13 08:53 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 13:24	LH	TAL BUF

Client Sample ID: AF-7P 021913 — Lab Sample ID: 480-33208-3

Date Collected: 02/19/13 08:54 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	104703	02/25/13 14:23	LH	TAL BUF

Client Sample ID: OSMW-4D 021913 — Lab Sample ID: 480-33208-4

Date Collected: 02/19/13 08:57 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 14:14	LH	TAL BUF

Client Sample ID: AF-7S 021913 — Lab Sample ID: 480-33208-5

Date Collected: 02/19/13 09:12 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	104354	02/21/13 14:39	LH	TAL BUF

Client Sample ID: AF-7D 021913 — Lab Sample ID: 480-33208-6

Date Collected: 02/19/13 09:22 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 15:04	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: ADW-100 021913 — Lab Sample ID: 480-33208-7

Date Collected: 02/19/13 00:00 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104703	02/25/13 14:46	LH	TAL BUF

Client Sample ID: OSMW-9D 021913 — Lab Sample ID: 480-33208-8

Date Collected: 02/19/13 09:47 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 16:45	LH	TAL BUF

Client Sample ID: PMW-3P 021913 — Lab Sample ID: 480-33208-9

Date Collected: 02/19/13 09:52 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	104354	02/21/13 17:10	LH	TAL BUF

Client Sample ID: OSMW-6D 021913 — Lab Sample ID: 480-33208-10

Date Collected: 02/19/13 10:09 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 17:35	LH	TAL BUF
Total/NA	Analysis	8260B	DL	4	104703	02/25/13 15:10	LH	TAL BUF

Client Sample ID: PMW-3S 021913 — Lab Sample ID: 480-33208-11

Date Collected: 02/19/13 10:10 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104703	02/25/13 15:34	LH	TAL BUF

Client Sample ID: PMW-3D 021913 — Lab Sample ID: 480-33208-12

Date Collected: 02/19/13 10:22 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	104354	02/21/13 18:26	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-1P 021913 — Lab Sample ID: 480-33208-13

Date Collected: 02/19/13 10:35 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 18:51	LH	TAL BUF

Client Sample ID: OSMW-1S 021913 — Lab Sample ID: 480-33208-14

Date Collected: 02/19/13 10:39 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		8	104703	02/25/13 15:58	LH	TAL BUF

Client Sample ID: OSMW-1D 021913 — Lab Sample ID: 480-33208-15

Date Collected: 02/19/13 10:43 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	104703	02/25/13 16:22	LH	TAL BUF

Client Sample ID: OSMW-10P 021913 — Lab Sample ID: 480-33208-16

Date Collected: 02/19/13 11:08 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	104354	02/21/13 20:07	LH	TAL BUF

Client Sample ID: OSMW-10S 021913 — Lab Sample ID: 480-33208-17

Date Collected: 02/19/13 11:18 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 20:32	LH	TAL BUF
Total/NA	Analysis	8260B	DL	4	104703	02/25/13 16:46	LH	TAL BUF

Client Sample ID: OSMW-10D 021913 — Lab Sample ID: 480-33208-18

Date Collected: 02/19/13 11:32 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 20:58	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: OSMW-3S 021913 — Lab Sample ID: 480-33208-19

Date Collected: 02/19/13 12:56 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 21:23	LH	TAL BUF

Client Sample ID: OSMW-12P 021913 — Lab Sample ID: 480-33208-20

Date Collected: 02/19/13 13:00 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104354	02/21/13 21:47	LH	TAL BUF

Client Sample ID: OSMW-3D 021913 — Lab Sample ID: 480-33208-21

Date Collected: 02/19/13 13:10 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 13:59	LH	TAL BUF

Client Sample ID: OSMW-11P 021913 — Lab Sample ID: 480-33208-22

Date Collected: 02/19/13 13:15 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 14:23	LH	TAL BUF

Client Sample ID: OSMW-11S 021913 — Lab Sample ID: 480-33208-23

Date Collected: 02/19/13 13:23 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	104359	02/21/13 14:47	LH	TAL BUF

Client Sample ID: OSMW-11D 021913 — Lab Sample ID: 480-33208-24

Date Collected: 02/19/13 13:29 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	104359	02/21/13 15:11	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: TMW-1P 021913 — Lab Sample ID: 480-33208-25

Date Collected: 02/19/13 13:30 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	104359	02/21/13 15:34	LH	TAL BUF

Client Sample ID: TMW-1S 021913 — Lab Sample ID: 480-33208-26

Date Collected: 02/19/13 13:40 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 15:58	LH	TAL BUF

Client Sample ID: OSMW-13P 021913 — Lab Sample ID: 480-33208-27

Date Collected: 02/19/13 13:41 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 16:22	LH	TAL BUF

Client Sample ID: TMW-1D 021913 — Lab Sample ID: 480-33208-28

Date Collected: 02/19/13 13:54 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 16:46	LH	TAL BUF

Client Sample ID: AF-11S 021913 — Lab Sample ID: 480-33208-29

Date Collected: 02/19/13 14:19 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 17:10	LH	TAL BUF

Client Sample ID: AF-11D 021913 — Lab Sample ID: 480-33208-30

Date Collected: 02/19/13 14:31 — **Matrix: Water**
Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 17:34	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Client Sample ID: ADW-101 021913

Lab Sample ID: 480-33208-31

Date Collected: 02/19/13 00:00

Matrix: Water

Date Received: 02/20/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104359	02/21/13 18:45	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33208-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-33208-1	Trip Blank 021913	Water	02/19/13 00:00	02/20/13 09:00
480-33208-2	OSMW-4S 021913	Water	02/19/13 08:53	02/20/13 09:00
480-33208-3	AF-7P 021913	Water	02/19/13 08:54	02/20/13 09:00
480-33208-4	OSMW-4D 021913	Water	02/19/13 08:57	02/20/13 09:00
480-33208-5	AF-7S 021913	Water	02/19/13 09:12	02/20/13 09:00
480-33208-6	AF-7D 021913	Water	02/19/13 09:22	02/20/13 09:00
480-33208-7	ADW-100 021913	Water	02/19/13 00:00	02/20/13 09:00
480-33208-8	OSMW-9D 021913	Water	02/19/13 09:47	02/20/13 09:00
480-33208-9	PMW-3P 021913	Water	02/19/13 09:52	02/20/13 09:00
480-33208-10	OSMW-6D 021913	Water	02/19/13 10:09	02/20/13 09:00
480-33208-11	PMW-3S 021913	Water	02/19/13 10:10	02/20/13 09:00
480-33208-12	PMW-3D 021913	Water	02/19/13 10:22	02/20/13 09:00
480-33208-13	OSMW-1P 021913	Water	02/19/13 10:35	02/20/13 09:00
480-33208-14	OSMW-1S 021913	Water	02/19/13 10:39	02/20/13 09:00
480-33208-15	OSMW-1D 021913	Water	02/19/13 10:43	02/20/13 09:00
480-33208-16	OSMW-10P 021913	Water	02/19/13 11:08	02/20/13 09:00
480-33208-17	OSMW-10S 021913	Water	02/19/13 11:18	02/20/13 09:00
480-33208-18	OSMW-10D 021913	Water	02/19/13 11:32	02/20/13 09:00
480-33208-19	OSMW-3S 021913	Water	02/19/13 12:56	02/20/13 09:00
480-33208-20	OSMW-12P 021913	Water	02/19/13 13:00	02/20/13 09:00
480-33208-21	OSMW-3D 021913	Water	02/19/13 13:10	02/20/13 09:00
480-33208-22	OSMW-11P 021913	Water	02/19/13 13:15	02/20/13 09:00
480-33208-23	OSMW-11S 021913	Water	02/19/13 13:23	02/20/13 09:00
480-33208-24	OSMW-11D 021913	Water	02/19/13 13:29	02/20/13 09:00
480-33208-25	TMW-1P 021913	Water	02/19/13 13:30	02/20/13 09:00
480-33208-26	TMW-1S 021913	Water	02/19/13 13:40	02/20/13 09:00
480-33208-27	OSMW-13P 021913	Water	02/19/13 13:41	02/20/13 09:00
480-33208-28	TMW-1D 021913	Water	02/19/13 13:54	02/20/13 09:00
480-33208-29	AF-11S 021913	Water	02/19/13 14:19	02/20/13 09:00
480-33208-30	AF-11D 021913	Water	02/19/13 14:31	02/20/13 09:00
480-33208-31	ADW-101 021913	Water	02/19/13 00:00	02/20/13 09:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schone
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: 716-691-2600
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@obg.com		
Phone: 513-697-2020			
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 50127 267.003	Shipping/Tracking No:		
PO #			

COC No: 59795

1 of 4 COCs

Analysis Turnaround Time (in BUS days)

TAT if different from below

☐ 3 weeks
☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

For lab use only

☐ Walk-in client
☐ Lab pickup
☐ Lab sampling

Job/SDG No:

Sample Identification	Sample Date	SampleTime	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Analyses: VOCs (8260B)	Sample Specific Notes / Special Instructions:
Trip Blank 021913	2/19/13	—		X						2					N	G	X	
OSMW-4S 021913	↓	853		X						3					N	G	X	
AF-7P 021913		854		X						3					N	G	X	
OSMW-4D 021913		857		X						3					N	G	X	
AF-7S 021913		912		X						3					N	G	X	
AF-7D 021913		922		X						3					N	G	X	
AF-7D MS/MSD 021913		922		X						6					N	G	X	
ADW-100 021913		—		X						3					N	G	X	
OSMW-9D 021913		947		X						3					N	G	X	
PMW-3P 021913	↓	952		X						3					N	G	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Analysis Per QAPP; Level III Data Package

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	O'Brien & Gere	2/19/13 1515	[signature]	TestAmerica	2/19/13 1515
[signature]	TestAmerica	2/19/13 1515	[signature]	TA BUFFALO	2/20/13 0900
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schove
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: 716-691-2600
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@obg.com		
Phone: 513-677-2020			
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 50127 262.003	Shipping/Tracking No:		
PO #			

COC No: 59796
2 of 4 COC's

For lab use only
Walk-in client ☐
Lab pickup ☐
Lab sampling ☐
Job/SDG No:

Analysis Turnaround Time (in BUS days)
TAT if different from below
☐ 3 weeks
☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres.	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs (8260B)	Sample Specific Notes / Special Instructions:
OSMW-6D 021913	2/19/13	1009		X						3					N	G	X	
PMW-3S 021913		1010		X						3					N	G	X	
PMW-3D 021913		1022		X						3					N	G	X	
OSMW-1P 021913		1035		X						3					N	G	X	
OSMW-1S 021913		1039		X						3					N	G	X	
OSMW-1D 021913		1043		X						3					N	G	X	
OSMW-10P 021913		1108		X						3					N	G	X	
OSMW-10S 021913		1118		X						3					N	G	X	
OSMW-10D 021913		1132		X						3					N	G	X	
OSMW-3S 021913		1256		X						3					N	G	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Analysis Per QAPP, Level III Data Package

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	O'Brien & Gere	2/19/13 1515	[signature]	TestAmerica	2/19/13 1515
[signature]	TestAmerica	2/19/13 1515	[signature]	TestAmerica	2/20/13 0900
Relinquished by:	Company	Date/Time	Received in Laboratory by:	Company	Date/Time

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TAL 0018-1 (04/10)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schove
COC No: 59793			
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: 716-691-2600
			3 of 4 COCs
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@OBGcom	Analysis Turnaround Time (in BUS days)	Analyses
			For lab use only
Phone: 513-677-2020		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 50127 262.003	Shipping/Tracking No:		Job/SDG No:
PO #			

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs (82603)	Sample Specific Notes / Special Instructions:
OSMW-12P 021913	2/19/13	1300		X						3					N	G	X	
OSMW-3D 021913		1310		X						3					N	G	X	
OSMW-11P 021913		1315		X						3					N	G	X	
OSMW-11S 021913		1323		X						3					N	G	X	
OSMW-11D 021913		1329		X						3					N	G	X	
TMW-1P 021913		1330		X						3					N	G	X	
TMW-1S 021913		1340		X						3					N	G	X	
OSMW-13P 021913		1341		X						3					N	G	X	
TMW-1D 021913		1354		X						3					N	G	X	
AF-11S 021913	↓	1419		X						3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
Analysis Per QAPP; Level III Data Package

Relinquished by:	Company	Date/Time:	Received by	Company	Date/Time
[signature]	O'Brien & Gere	2/19/13 1515	[signature]	TestAmerica	2/19/13 1515
[signature]	TestAmerica	2/19/13 1515	[signature]	TA BUFFALO	2/20/13 0900
Relinquished by	Company.	Date/Time	Received in Laboratory by:	Company	Date/Time

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TAL 0018- 1 (04/10)

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Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schove	COC No: 59794
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: 716-691-2600	4 of 4 COCs
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@obg.com	Analysis Turnaround Time (in BUS days)		For lab use only
Phone: 513-697-2020		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: GE IRM Project	Method of Shipment/Carrier:			
Project Number: 50127 262.003	Shipping/Tracking No:			Job/SDG No:
PO #				

Analyses: VOCs (8260B)

Sample Identification	Sample Date	SampleTime	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y / N)	Composite=C / Grab=G	VOCs (8260B)	Sample Specific Notes / Special Instructions:
AF-11D 021913	2/19/13	1431		X						3					N	G	X	
AF-11D 021913 MS/MSD	↓	1431		X						3					N	G	X	
ADW-101 021913	↓	—		X						3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: Analysis Per QAPP; Level III Data Package

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	O'Brien & Gere	2/19/13 1515	[signature]	TA BUFFALO	2/20/13 0900
[signature]	TestAmerica	2/19/13 1515	[signature]		
			Received in Laboratory by:		

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TAL 0018- 1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-33208-1

Login Number: 33208
List Number: 1
Creator: Stau, Brandon

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	O BRIEN & GERE
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-33310-1
Client Project/Site: GE IRM Project

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
2/28/2013 11:21:13 AM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.
*	LCS or LCSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-33310-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-33310-1

Comments
No additional comments.

Receipt
The samples were received on 2/21/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 104703 was outside control limits.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: AF-25P 022013 (480-33310-13), AF-4P 022013 (480-33310-3), OSMW-9S 022013 (480-33310-16), TMW-2D 022013 (480-33310-4). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The continuing calibration verification (CCV) for Dichlorodifluoromethane associated with batch 104702 recovered above the upper control limit. The samples associated with this CCV were not looking for this analyte; therefore, the data have been reported.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: ADW-102 022013 (480-33310-14). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample (LCS) for batch 104703 exceeded control limits for the following analyte(s): 2-Butanone. This analyte has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: Trip Blank 022013 — Lab Sample ID: 480-33310-1

No Detections

Client Sample ID: TMW-2S 022013 — Lab Sample ID: 480-33310-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.0	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: AF-4P 022013 — Lab Sample ID: 480-33310-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	57		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	8.0		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	0.97	J	2.0	0.58	ug/L	2		8260B	Total/NA
Chloroform	1.7	J	2.0	0.68	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	3.0		2.0	1.6	ug/L	2		8260B	Total/NA
Tetrachloroethene	12		2.0	0.72	ug/L	2		8260B	Total/NA
Trichloroethene	110		2.0	0.92	ug/L	2		8260B	Total/NA

Client Sample ID: TMW-2D 022013 — Lab Sample ID: 480-33310-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	410		10	8.1	ug/L	10		8260B	Total/NA
trans-1,2-Dichloroethene	150		10	9.0	ug/L	10		8260B	Total/NA
Vinyl chloride	51		10	9.0	ug/L	10		8260B	Total/NA

Client Sample ID: AF-4S 022013 — Lab Sample ID: 480-33310-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.9		1.0	0.38	ug/L	1		8260B	Total/NA
Benzene	1.4		1.0	0.41	ug/L	1		8260B	Total/NA
Chloroethane	0.93	J	1.0	0.32	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	5.9		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	15		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-19S 022013 — Lab Sample ID: 480-33310-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.0	J	10	3.0	ug/L	1		8260B	Total/NA
Vinyl chloride	23		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-19D 022013 — Lab Sample ID: 480-33310-7

No Detections

Client Sample ID: PMW-2D 022013 — Lab Sample ID: 480-33310-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.0	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: AF-13P 022013 — Lab Sample ID: 480-33310-9

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-13P 022013 (Continued) — Lab Sample ID: 480-33310-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.8	J	10	3.0	ug/L	1		8260B	Total/NA

Client Sample ID: AF-13S 022013 — Lab Sample ID: 480-33310-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	35		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	4.8		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-5S 022013 — Lab Sample ID: 480-33310-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.9		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	5.5	J	10	3.0	ug/L	1		8260B	Total/NA
Benzene	0.53	J	1.0	0.41	ug/L	1		8260B	Total/NA
Chloroethane	0.56	J	1.0	0.32	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.5		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	60		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: PMW-4D 022013 — Lab Sample ID: 480-33310-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.6	J	10	3.0	ug/L	1		8260B	Total/NA
Vinyl chloride	6.4		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: AF-25P 022013 — Lab Sample ID: 480-33310-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	160		2.0	1.6	ug/L	2		8260B	Total/NA
1,1-Dichloroethane	34		2.0	0.76	ug/L	2		8260B	Total/NA
1,1-Dichloroethene	15		2.0	0.58	ug/L	2		8260B	Total/NA
Benzene	1.2	J	2.0	0.82	ug/L	2		8260B	Total/NA
Chloroethane	130		2.0	0.64	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	18		2.0	1.6	ug/L	2		8260B	Total/NA
Tetrachloroethene	1.1	J	2.0	0.72	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	3.2		2.0	1.8	ug/L	2		8260B	Total/NA
Trichloroethene	130		2.0	0.92	ug/L	2		8260B	Total/NA
Vinyl chloride	26		2.0	1.8	ug/L	2		8260B	Total/NA

Client Sample ID: ADW-102 022013 — Lab Sample ID: 480-33310-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	150	E	1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	32		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	15		1.0	0.29	ug/L	1		8260B	Total/NA
Benzene	1.1		1.0	0.41	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	16		1.0	0.81	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.2		1.0	0.36	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.2		1.0	0.90	ug/L	1		8260B	Total/NA
Vinyl chloride	27		1.0	0.90	ug/L	1		8260B	Total/NA
Chloroethane - DL	110		4.0	1.3	ug/L	4		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: ADW-102 022013 (Continued) — Lab Sample ID: 480-33310-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene - DL	120		4.0	1.8	ug/L	4		8260B	Total/NA

Client Sample ID: AF-6S 022013 — Lab Sample ID: 480-33310-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.8	J	10	3.0	ug/L	1		8260B	Total/NA
Trichloroethene	0.52	J	1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: OSMW-9S 022013 — Lab Sample ID: 480-33310-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	60		5.0	4.1	ug/L	5		8260B	Total/NA
Vinyl chloride	110		5.0	4.5	ug/L	5		8260B	Total/NA

Client Sample ID: AF-9S 022013 — Lab Sample ID: 480-33310-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.5		1.0	0.38	ug/L	1		8260B	Total/NA
Acetone	5.1	J	10	3.0	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.3		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	45		1.0	0.90	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: Trip Blank 022013

Lab Sample ID: 480-33310-1

Date Collected: 02/20/13 00:00

Matrix: Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 16:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 16:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 16:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 16:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 16:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 16:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 16:30	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 16:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 16:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 16:30	1
Acetone	ND		10	3.0	ug/L			02/25/13 16:30	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 16:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 16:30	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 16:30	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 16:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 16:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 16:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 16:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 16:30	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 16:30	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 16:30	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 16:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 16:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 16:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 16:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 16:30	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 16:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 16:30	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 16:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 16:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 16:30	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 16:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 16:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*02/25/13 16:30*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*		*02/25/13 16:30*	*1*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*02/25/13 16:30*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: TMW-2S 022013

Lab Sample ID: 480-33310-2

Date Collected: 02/20/13 08:37

Matrix: Ground Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 16:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 16:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 16:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 16:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 16:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 16:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 16:55	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 16:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 16:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 16:55	1
Acetone	**5.0**	**J**	10	3.0	ug/L			02/25/13 16:55	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 16:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 16:55	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 16:55	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 16:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 16:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 16:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 16:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 16:55	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 16:55	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 16:55	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 16:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 16:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 16:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 16:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 16:55	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 16:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 16:55	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 16:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 16:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 16:55	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 16:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 16:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*02/25/13 16:55*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*02/25/13 16:55*	*1*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*02/25/13 16:55*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-4P 022013

Lab Sample ID: 480-33310-3

Date Collected: 02/20/13 08:46

Matrix: Ground Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**57**		2.0	1.6	ug/L			02/25/13 17:20	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			02/25/13 17:20	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			02/25/13 17:20	2
1,1-Dichloroethane	**8.0**		2.0	0.76	ug/L			02/25/13 17:20	2
1,1-Dichloroethene	**0.97**	**J**	2.0	0.58	ug/L			02/25/13 17:20	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			02/25/13 17:20	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			02/25/13 17:20	2
2-Hexanone	ND		10	2.5	ug/L			02/25/13 17:20	2
2-Butanone (MEK)	ND		20	2.6	ug/L			02/25/13 17:20	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			02/25/13 17:20	2
Acetone	ND		20	6.0	ug/L			02/25/13 17:20	2
Benzene	ND		2.0	0.82	ug/L			02/25/13 17:20	2
Bromodichloromethane	ND		2.0	0.78	ug/L			02/25/13 17:20	2
Bromoform	ND		2.0	0.52	ug/L			02/25/13 17:20	2
Bromomethane	ND		2.0	1.4	ug/L			02/25/13 17:20	2
Carbon disulfide	ND		2.0	0.38	ug/L			02/25/13 17:20	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			02/25/13 17:20	2
Chlorobenzene	ND		2.0	1.5	ug/L			02/25/13 17:20	2
Dibromochloromethane	ND		2.0	0.64	ug/L			02/25/13 17:20	2
Chloroethane	ND		2.0	0.64	ug/L			02/25/13 17:20	2
Chloroform	**1.7**	**J**	2.0	0.68	ug/L			02/25/13 17:20	2
Chloromethane	ND		2.0	0.70	ug/L			02/25/13 17:20	2
cis-1,2-Dichloroethene	**3.0**		2.0	1.6	ug/L			02/25/13 17:20	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			02/25/13 17:20	2
Ethylbenzene	ND		2.0	1.5	ug/L			02/25/13 17:20	2
Methylene Chloride	ND		2.0	0.88	ug/L			02/25/13 17:20	2
Styrene	ND		2.0	1.5	ug/L			02/25/13 17:20	2
Tetrachloroethene	**12**		2.0	0.72	ug/L			02/25/13 17:20	2
Toluene	ND		2.0	1.0	ug/L			02/25/13 17:20	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			02/25/13 17:20	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			02/25/13 17:20	2
Trichloroethene	**110**		2.0	0.92	ug/L			02/25/13 17:20	2
Vinyl chloride	ND		2.0	1.8	ug/L			02/25/13 17:20	2
Xylenes, Total	ND		4.0	1.3	ug/L			02/25/13 17:20	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*02/25/13 17:20*	*2*
Toluene-d8 (Surr)	*98*		*71 - 126*		*02/25/13 17:20*	*2*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*02/25/13 17:20*	*2*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: TMW-2D 022013

Lab Sample ID: 480-33310-4

Date Collected: 02/20/13 08:51
Matrix: Ground Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			02/25/13 17:45	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			02/25/13 17:45	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			02/25/13 17:45	10
1,1-Dichloroethane	ND		10	3.8	ug/L			02/25/13 17:45	10
1,1-Dichloroethene	ND		10	2.9	ug/L			02/25/13 17:45	10
1,2-Dichloroethane	ND		10	2.1	ug/L			02/25/13 17:45	10
1,2-Dichloropropane	ND		10	7.2	ug/L			02/25/13 17:45	10
2-Hexanone	ND		50	12	ug/L			02/25/13 17:45	10
2-Butanone (MEK)	ND		100	13	ug/L			02/25/13 17:45	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			02/25/13 17:45	10
Acetone	ND		100	30	ug/L			02/25/13 17:45	10
Benzene	ND		10	4.1	ug/L			02/25/13 17:45	10
Bromodichloromethane	ND		10	3.9	ug/L			02/25/13 17:45	10
Bromoform	ND		10	2.6	ug/L			02/25/13 17:45	10
Bromomethane	ND		10	6.9	ug/L			02/25/13 17:45	10
Carbon disulfide	ND		10	1.9	ug/L			02/25/13 17:45	10
Carbon tetrachloride	ND		10	2.7	ug/L			02/25/13 17:45	10
Chlorobenzene	ND		10	7.5	ug/L			02/25/13 17:45	10
Dibromochloromethane	ND		10	3.2	ug/L			02/25/13 17:45	10
Chloroethane	ND		10	3.2	ug/L			02/25/13 17:45	10
Chloroform	ND		10	3.4	ug/L			02/25/13 17:45	10
Chloromethane	ND		10	3.5	ug/L			02/25/13 17:45	10
cis-1,2-Dichloroethene	**410**		10	8.1	ug/L			02/25/13 17:45	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			02/25/13 17:45	10
Ethylbenzene	ND		10	7.4	ug/L			02/25/13 17:45	10
Methylene Chloride	ND		10	4.4	ug/L			02/25/13 17:45	10
Styrene	ND		10	7.3	ug/L			02/25/13 17:45	10
Tetrachloroethene	ND		10	3.6	ug/L			02/25/13 17:45	10
Toluene	ND		10	5.1	ug/L			02/25/13 17:45	10
trans-1,2-Dichloroethene	**150**		10	9.0	ug/L			02/25/13 17:45	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			02/25/13 17:45	10
Trichloroethene	ND		10	4.6	ug/L			02/25/13 17:45	10
Vinyl chloride	**51**		10	9.0	ug/L			02/25/13 17:45	10
Xylenes, Total	ND		20	6.6	ug/L			02/25/13 17:45	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*02/25/13 17:45*	*10*
Toluene-d8 (Surr)	*91*		*71 - 126*		*02/25/13 17:45*	*10*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*02/25/13 17:45*	*10*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-4S 022013

Lab Sample ID: 480-33310-5

Date Collected: 02/20/13 08:58

Matrix: Ground Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 18:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 18:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 18:10	1
1,1-Dichloroethane	**3.9**		1.0	0.38	ug/L			02/25/13 18:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 18:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 18:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 18:10	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 18:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 18:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 18:10	1
Acetone	ND		10	3.0	ug/L			02/25/13 18:10	1
Benzene	**1.4**		1.0	0.41	ug/L			02/25/13 18:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 18:10	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 18:10	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 18:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 18:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 18:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 18:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 18:10	1
Chloroethane	**0.93**	**J**	1.0	0.32	ug/L			02/25/13 18:10	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 18:10	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 18:10	1
cis-1,2-Dichloroethene	**5.9**		1.0	0.81	ug/L			02/25/13 18:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 18:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 18:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 18:10	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 18:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 18:10	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 18:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 18:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 18:10	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 18:10	1
Vinyl chloride	**15**		1.0	0.90	ug/L			02/25/13 18:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*02/25/13 18:10*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*02/25/13 18:10*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*02/25/13 18:10*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-19S 022013

Lab Sample ID: 480-33310-6

Date Collected: 02/20/13 09:05
Matrix: Ground Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 17:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 17:10	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 17:10	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 17:10	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 17:10	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 17:10	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 17:10	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 17:10	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/25/13 17:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 17:10	1
Acetone	**4.0**	**J**	10	3.0	ug/L			02/25/13 17:10	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 17:10	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 17:10	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 17:10	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 17:10	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 17:10	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 17:10	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 17:10	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 17:10	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 17:10	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 17:10	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 17:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 17:10	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 17:10	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 17:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 17:10	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 17:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 17:10	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 17:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 17:10	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 17:10	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 17:10	1
Vinyl chloride	**23**		1.0	0.90	ug/L			02/25/13 17:10	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/25/13 17:10*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*		*02/25/13 17:10*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/25/13 17:10*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-19D 022013

Lab Sample ID: 480-33310-7

Date Collected: 02/20/13 09:13

Matrix: Ground Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 17:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 17:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 17:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 17:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 17:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 17:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 17:33	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 17:33	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/25/13 17:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 17:33	1
Acetone	ND		10	3.0	ug/L			02/25/13 17:33	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 17:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 17:33	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 17:33	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 17:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 17:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 17:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 17:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 17:33	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 17:33	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 17:33	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 17:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 17:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 17:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 17:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 17:33	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 17:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 17:33	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 17:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 17:33	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 17:33	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 17:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 17:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*66 - 137*		*02/25/13 17:33*	*1*
Toluene-d8 (Surr)	*108*		*71 - 126*		*02/25/13 17:33*	*1*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*02/25/13 17:33*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: PMW-2D 022013

Lab Sample ID: 480-33310-8

Date Collected: 02/20/13 09:20
Matrix: Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 17:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 17:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 17:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 17:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 17:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 17:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 17:57	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 17:57	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/25/13 17:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 17:57	1
Acetone	**5.0**	**J**	10	3.0	ug/L			02/25/13 17:57	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 17:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 17:57	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 17:57	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 17:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 17:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 17:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 17:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 17:57	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 17:57	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 17:57	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 17:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 17:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 17:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 17:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 17:57	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 17:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 17:57	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 17:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 17:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 17:57	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 17:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 17:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*02/25/13 17:57*	*1*
Toluene-d8 (Surr)	*109*		*71 - 126*		*02/25/13 17:57*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*02/25/13 17:57*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-13P 022013

Lab Sample ID: 480-33310-9

Date Collected: 02/20/13 09:41
Matrix: Ground Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 19:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 19:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 19:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 19:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 19:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 19:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 19:09	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 19:09	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			02/25/13 19:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 19:09	1
Acetone	**5.8**	**J**	10	3.0	ug/L			02/25/13 19:09	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 19:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 19:09	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 19:09	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 19:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 19:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 19:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 19:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 19:09	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 19:09	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 19:09	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 19:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 19:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 19:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 19:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 19:09	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 19:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 19:09	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 19:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 19:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 19:09	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 19:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 19:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*02/25/13 19:09*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*02/25/13 19:09*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/25/13 19:09*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-13S 022013

Date Collected: 02/20/13 09:51
Date Received: 02/21/13 09:00

Lab Sample ID: 480-33310-10

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 18:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 18:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 18:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 18:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 18:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 18:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 18:35	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 18:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 18:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 18:35	1
Acetone	ND		10	3.0	ug/L			02/25/13 18:35	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 18:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 18:35	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 18:35	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 18:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 18:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 18:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 18:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 18:35	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 18:35	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 18:35	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 18:35	1
cis-1,2-Dichloroethene	**35**		1.0	0.81	ug/L			02/25/13 18:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 18:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 18:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 18:35	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 18:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 18:35	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 18:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 18:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 18:35	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 18:35	1
Vinyl chloride	**4.8**		1.0	0.90	ug/L			02/25/13 18:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*02/25/13 18:35*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*		*02/25/13 18:35*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/25/13 18:35*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-5S 022013

Lab Sample ID: 480-33310-11

Date Collected: 02/20/13 10:06

Matrix: Ground Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 19:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 19:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 19:00	1
1,1-Dichloroethane	**6.9**		1.0	0.38	ug/L			02/25/13 19:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 19:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 19:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 19:00	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 19:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 19:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 19:00	1
Acetone	**5.5**	**J**	10	3.0	ug/L			02/25/13 19:00	1
Benzene	**0.53**	**J**	1.0	0.41	ug/L			02/25/13 19:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 19:00	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 19:00	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 19:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 19:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 19:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 19:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 19:00	1
Chloroethane	**0.56**	**J**	1.0	0.32	ug/L			02/25/13 19:00	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 19:00	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 19:00	1
cis-1,2-Dichloroethene	**2.5**		1.0	0.81	ug/L			02/25/13 19:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 19:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 19:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 19:00	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 19:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 19:00	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 19:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 19:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 19:00	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 19:00	1
Vinyl chloride	**60**		1.0	0.90	ug/L			02/25/13 19:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*02/25/13 19:00*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*02/25/13 19:00*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*02/25/13 19:00*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: PMW-4D 022013

Lab Sample ID: 480-33310-12

Date Collected: 02/20/13 10:19

Matrix: Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 19:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 19:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 19:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 19:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 19:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 19:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 19:25	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 19:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 19:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 19:25	1
Acetone	**5.6**	**J**	10	3.0	ug/L			02/25/13 19:25	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 19:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 19:25	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 19:25	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 19:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 19:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 19:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 19:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 19:25	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 19:25	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 19:25	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 19:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 19:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 19:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 19:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 19:25	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 19:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 19:25	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 19:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 19:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 19:25	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 19:25	1
Vinyl chloride	**6.4**		1.0	0.90	ug/L			02/25/13 19:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*02/25/13 19:25*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*02/25/13 19:25*	*1*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*02/25/13 19:25*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-25P 022013

Lab Sample ID: 480-33310-13

Date Collected: 02/20/13 10:28

Matrix: Ground Water

Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**160**		2.0	1.6	ug/L			02/25/13 19:50	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			02/25/13 19:50	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			02/25/13 19:50	2
1,1-Dichloroethane	**34**		2.0	0.76	ug/L			02/25/13 19:50	2
1,1-Dichloroethene	**15**		2.0	0.58	ug/L			02/25/13 19:50	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			02/25/13 19:50	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			02/25/13 19:50	2
2-Hexanone	ND		10	2.5	ug/L			02/25/13 19:50	2
2-Butanone (MEK)	ND		20	2.6	ug/L			02/25/13 19:50	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			02/25/13 19:50	2
Acetone	ND		20	6.0	ug/L			02/25/13 19:50	2
Benzene	**1.2**	**J**	2.0	0.82	ug/L			02/25/13 19:50	2
Bromodichloromethane	ND		2.0	0.78	ug/L			02/25/13 19:50	2
Bromoform	ND		2.0	0.52	ug/L			02/25/13 19:50	2
Bromomethane	ND		2.0	1.4	ug/L			02/25/13 19:50	2
Carbon disulfide	ND		2.0	0.38	ug/L			02/25/13 19:50	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			02/25/13 19:50	2
Chlorobenzene	ND		2.0	1.5	ug/L			02/25/13 19:50	2
Dibromochloromethane	ND		2.0	0.64	ug/L			02/25/13 19:50	2
Chloroethane	**130**		2.0	0.64	ug/L			02/25/13 19:50	2
Chloroform	ND		2.0	0.68	ug/L			02/25/13 19:50	2
Chloromethane	ND		2.0	0.70	ug/L			02/25/13 19:50	2
cis-1,2-Dichloroethene	**18**		2.0	1.6	ug/L			02/25/13 19:50	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			02/25/13 19:50	2
Ethylbenzene	ND		2.0	1.5	ug/L			02/25/13 19:50	2
Methylene Chloride	ND		2.0	0.88	ug/L			02/25/13 19:50	2
Styrene	ND		2.0	1.5	ug/L			02/25/13 19:50	2
Tetrachloroethene	**1.1**	**J**	2.0	0.72	ug/L			02/25/13 19:50	2
Toluene	ND		2.0	1.0	ug/L			02/25/13 19:50	2
trans-1,2-Dichloroethene	**3.2**		2.0	1.8	ug/L			02/25/13 19:50	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			02/25/13 19:50	2
Trichloroethene	**130**		2.0	0.92	ug/L			02/25/13 19:50	2
Vinyl chloride	**26**		2.0	1.8	ug/L			02/25/13 19:50	2
Xylenes, Total	ND		4.0	1.3	ug/L			02/25/13 19:50	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*02/25/13 19:50*	*2*
Toluene-d8 (Surr)	*93*		*71 - 126*		*02/25/13 19:50*	*2*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*02/25/13 19:50*	*2*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: ADW-102 022013

Lab Sample ID: 480-33310-14

Date Collected: 02/20/13 00:00
Matrix: Ground Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**150**	**E**	1.0	0.82	ug/L			02/25/13 20:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 20:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 20:14	1
1,1-Dichloroethane	**32**		1.0	0.38	ug/L			02/25/13 20:14	1
1,1-Dichloroethene	**15**		1.0	0.29	ug/L			02/25/13 20:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 20:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 20:14	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 20:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 20:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 20:14	1
Acetone	ND		10	3.0	ug/L			02/25/13 20:14	1
Benzene	**1.1**		1.0	0.41	ug/L			02/25/13 20:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 20:14	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 20:14	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 20:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 20:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 20:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 20:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 20:14	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 20:14	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 20:14	1
cis-1,2-Dichloroethene	**16**		1.0	0.81	ug/L			02/25/13 20:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 20:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 20:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 20:14	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 20:14	1
Tetrachloroethene	**1.2**		1.0	0.36	ug/L			02/25/13 20:14	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 20:14	1
trans-1,2-Dichloroethene	**3.2**		1.0	0.90	ug/L			02/25/13 20:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 20:14	1
Vinyl chloride	**27**		1.0	0.90	ug/L			02/25/13 20:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*02/25/13 20:14*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*02/25/13 20:14*	*1*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*02/25/13 20:14*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	**110**		4.0	1.3	ug/L			02/26/13 12:21	4
Trichloroethene	**120**		4.0	1.8	ug/L			02/26/13 12:21	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*02/26/13 12:21*	*4*
Toluene-d8 (Surr)	*106*		*71 - 126*		*02/26/13 12:21*	*4*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*02/26/13 12:21*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-6S 022013

Date Collected: 02/20/13 10:42
Date Received: 02/21/13 09:00

Lab Sample ID: 480-33310-15

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 20:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 20:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 20:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 20:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 20:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 20:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 20:39	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 20:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 20:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 20:39	1
Acetone	**4.8**	**J**	10	3.0	ug/L			02/25/13 20:39	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 20:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 20:39	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 20:39	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 20:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 20:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 20:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 20:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 20:39	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 20:39	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 20:39	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 20:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 20:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 20:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 20:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 20:39	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 20:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 20:39	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 20:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 20:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 20:39	1
Trichloroethene	**0.52**	**J**	1.0	0.46	ug/L			02/25/13 20:39	1
Vinyl chloride	**1.3**		1.0	0.90	ug/L			02/25/13 20:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*02/25/13 20:39*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*		*02/25/13 20:39*	*1*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/25/13 20:39*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: OSMW-9S 022013

Lab Sample ID: 480-33310-16

Date Collected: 02/20/13 10:49
Matrix: Ground Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			02/25/13 21:04	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			02/25/13 21:04	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			02/25/13 21:04	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			02/25/13 21:04	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			02/25/13 21:04	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			02/25/13 21:04	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			02/25/13 21:04	5
2-Hexanone	ND		25	6.2	ug/L			02/25/13 21:04	5
2-Butanone (MEK)	ND		50	6.6	ug/L			02/25/13 21:04	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			02/25/13 21:04	5
Acetone	ND		50	15	ug/L			02/25/13 21:04	5
Benzene	ND		5.0	2.1	ug/L			02/25/13 21:04	5
Bromodichloromethane	ND		5.0	2.0	ug/L			02/25/13 21:04	5
Bromoform	ND		5.0	1.3	ug/L			02/25/13 21:04	5
Bromomethane	ND		5.0	3.5	ug/L			02/25/13 21:04	5
Carbon disulfide	ND		5.0	0.95	ug/L			02/25/13 21:04	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			02/25/13 21:04	5
Chlorobenzene	ND		5.0	3.8	ug/L			02/25/13 21:04	5
Dibromochloromethane	ND		5.0	1.6	ug/L			02/25/13 21:04	5
Chloroethane	ND		5.0	1.6	ug/L			02/25/13 21:04	5
Chloroform	ND		5.0	1.7	ug/L			02/25/13 21:04	5
Chloromethane	ND		5.0	1.8	ug/L			02/25/13 21:04	5
cis-1,2-Dichloroethene	**60**		5.0	4.1	ug/L			02/25/13 21:04	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			02/25/13 21:04	5
Ethylbenzene	ND		5.0	3.7	ug/L			02/25/13 21:04	5
Methylene Chloride	ND		5.0	2.2	ug/L			02/25/13 21:04	5
Styrene	ND		5.0	3.7	ug/L			02/25/13 21:04	5
Tetrachloroethene	ND		5.0	1.8	ug/L			02/25/13 21:04	5
Toluene	ND		5.0	2.6	ug/L			02/25/13 21:04	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			02/25/13 21:04	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			02/25/13 21:04	5
Trichloroethene	ND		5.0	2.3	ug/L			02/25/13 21:04	5
Vinyl chloride	**110**		5.0	4.5	ug/L			02/25/13 21:04	5
Xylenes, Total	ND		10	3.3	ug/L			02/25/13 21:04	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*02/25/13 21:04*	*5*
Toluene-d8 (Surr)	*92*		*71 - 126*		*02/25/13 21:04*	*5*
4-Bromofluorobenzene (Surr)	*81*		*73 - 120*		*02/25/13 21:04*	*5*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-9S 022013

Lab Sample ID: 480-33310-17

Date Collected: 02/20/13 11:10
Matrix: Ground Water
Date Received: 02/21/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 21:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 21:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 21:29	1
1,1-Dichloroethane	**1.5**		1.0	0.38	ug/L			02/25/13 21:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 21:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 21:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 21:29	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 21:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 21:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 21:29	1
Acetone	**5.1**	**J**	10	3.0	ug/L			02/25/13 21:29	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 21:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 21:29	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 21:29	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 21:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 21:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 21:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 21:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 21:29	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 21:29	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 21:29	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 21:29	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.81	ug/L			02/25/13 21:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 21:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 21:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 21:29	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 21:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 21:29	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 21:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 21:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 21:29	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 21:29	1
Vinyl chloride	**45**		1.0	0.90	ug/L			02/25/13 21:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*66 - 137*		*02/25/13 21:29*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*02/25/13 21:29*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*02/25/13 21:29*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-33310-2	TMW-2S 022013	115	94	85
480-33310-3	AF-4P 022013	109	98	89
480-33310-4	TMW-2D 022013	104	91	82
480-33310-5	AF-4S 022013	111	97	87
480-33310-6	AF-19S 022013	110	106	105
480-33310-7	AF-19D 022013	116	108	109
480-33310-9	AF-13P 022013	104	105	107
480-33310-10	AF-13S 022013	105	91	81
480-33310-11	AF-5S 022013	115	96	87
480-33310-13	AF-25P 022013	112	93	82
480-33310-14	ADW-102 022013	115	96	85
480-33310-14 - DL	ADW-102 022013	109	106	107
480-33310-15	AF-6S 022013	112	89	81
480-33310-16	OSMW-9S 022013	110	92	81
480-33310-17	AF-9S 022013	117	95	83

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-33310-1	Trip Blank 022013	105	91	85
480-33310-8	PMW-2D 022013	108	109	106
480-33310-8 MS	PMW-2D 022013	103	104	106
480-33310-8 MSD	PMW-2D 022013	105	104	107
480-33310-12	PMW-4D 022013	111	92	82
LCS 480-104702/4	Lab Control Sample	98	95	87
LCS 480-104703/4	Lab Control Sample	110	106	109
LCS 480-104885/4	Lab Control Sample	106	105	109
MB 480-104702/5	Method Blank	103	93	84
MB 480-104703/7	Method Blank	107	105	105
MB 480-104885/7	Method Blank	109	106	106

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-104702/5
Matrix: Water
Analysis Batch: 104702

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 13:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 13:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 13:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 13:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 13:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 13:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 13:41	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 13:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 13:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 13:41	1
Acetone	ND		10	3.0	ug/L			02/25/13 13:41	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 13:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 13:41	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 13:41	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 13:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 13:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 13:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 13:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 13:41	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 13:41	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 13:41	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 13:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 13:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 13:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 13:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 13:41	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 13:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 13:41	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 13:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 13:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 13:41	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 13:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 13:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 13:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*02/25/13 13:41*	*1*
Toluene-d8 (Surr)	*93*		*71 - 126*		*02/25/13 13:41*	*1*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*02/25/13 13:41*	*1*

Lab Sample ID: LCS 480-104702/4
Matrix: Water
Analysis Batch: 104702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.6		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	70 - 126
1,1,2-Trichloroethane	25.0	23.0		ug/L		92	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104702/4
Matrix: Water
Analysis Batch: 104702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	25.3		ug/L		101	71 - 129
1,1-Dichloroethene	25.0	22.9		ug/L		92	58 - 121
1,2-Dichloroethane	25.0	25.6		ug/L		102	75 - 127
1,2-Dichloropropane	25.0	25.0		ug/L		100	76 - 120
2-Hexanone	125	127		ug/L		101	65 - 127
2-Butanone (MEK)	125	137		ug/L		110	57 - 140
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125
Acetone	125	138		ug/L		111	56 - 142
Benzene	25.0	24.4		ug/L		98	71 - 124
Bromodichloromethane	25.0	25.4		ug/L		102	80 - 122
Bromoform	25.0	24.8		ug/L		99	66 - 128
Bromomethane	25.0	26.2		ug/L		105	55 - 144
Carbon disulfide	25.0	21.2		ug/L		85	59 - 134
Carbon tetrachloride	25.0	25.8		ug/L		103	72 - 134
Chlorobenzene	25.0	22.5		ug/L		90	72 - 120
Dibromochloromethane	25.0	24.1		ug/L		96	75 - 125
Chloroethane	25.0	27.0		ug/L		108	69 - 136
Chloroform	25.0	25.4		ug/L		101	73 - 127
Chloromethane	25.0	19.3		ug/L		77	68 - 124
cis-1,2-Dichloroethene	25.0	23.7		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	74 - 124
Ethylbenzene	25.0	22.6		ug/L		91	77 - 123
Methylene Chloride	25.0	25.3		ug/L		101	57 - 132
Styrene	25.0	23.2		ug/L		93	70 - 130
Tetrachloroethene	25.0	22.4		ug/L		90	74 - 122
Toluene	25.0	22.8		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	23.6		ug/L		94	72 - 123
Trichloroethene	25.0	23.4		ug/L		94	74 - 123
Vinyl chloride	25.0	23.0		ug/L		92	65 - 133
Xylenes, Total	75.0	68.9		ug/L		92	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*
Toluene-d8 (Surr)	*95*		*71 - 126*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*

Lab Sample ID: MB 480-104703/7
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/25/13 13:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/25/13 13:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/25/13 13:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/25/13 13:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/25/13 13:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/25/13 13:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-104703/7
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/25/13 13:00	1
2-Hexanone	ND		5.0	1.2	ug/L			02/25/13 13:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/25/13 13:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/25/13 13:00	1
Acetone	ND		10	3.0	ug/L			02/25/13 13:00	1
Benzene	ND		1.0	0.41	ug/L			02/25/13 13:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/25/13 13:00	1
Bromoform	ND		1.0	0.26	ug/L			02/25/13 13:00	1
Bromomethane	ND		1.0	0.69	ug/L			02/25/13 13:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/25/13 13:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/25/13 13:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/25/13 13:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			02/25/13 13:00	1
Chloroethane	ND		1.0	0.32	ug/L			02/25/13 13:00	1
Chloroform	ND		1.0	0.34	ug/L			02/25/13 13:00	1
Chloromethane	ND		1.0	0.35	ug/L			02/25/13 13:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/25/13 13:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/25/13 13:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/25/13 13:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/25/13 13:00	1
Styrene	ND		1.0	0.73	ug/L			02/25/13 13:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/25/13 13:00	1
Toluene	ND		1.0	0.51	ug/L			02/25/13 13:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/25/13 13:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/25/13 13:00	1
Trichloroethene	ND		1.0	0.46	ug/L			02/25/13 13:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/25/13 13:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/25/13 13:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*02/25/13 13:00*	*1*
Toluene-d8 (Surr)	*105*		*71 - 126*		*02/25/13 13:00*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*02/25/13 13:00*	*1*

Lab Sample ID: LCS 480-104703/4
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.1		ug/L		100	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.9		ug/L		100	70 - 126
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	25.5		ug/L		102	71 - 129
1,1-Dichloroethene	25.0	26.7		ug/L		107	58 - 121
1,2-Dichloroethane	25.0	26.2		ug/L		105	75 - 127
1,2-Dichloropropane	25.0	25.5		ug/L		102	76 - 120
2-Hexanone	125	139		ug/L		111	65 - 127
2-Butanone (MEK)	125	190	*	ug/L		152	57 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104703/4
Matrix: Water
Analysis Batch: 104703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	125	138		ug/L		110	71 - 125
Acetone	125	157		ug/L		125	56 - 142
Benzene	25.0	25.6		ug/L		102	71 - 124
Bromodichloromethane	25.0	26.2		ug/L		105	80 - 122
Bromoform	25.0	27.9		ug/L		112	66 - 128
Bromomethane	25.0	21.9		ug/L		88	55 - 144
Carbon disulfide	25.0	23.0		ug/L		92	59 - 134
Carbon tetrachloride	25.0	25.5		ug/L		102	72 - 134
Chlorobenzene	25.0	24.9		ug/L		100	72 - 120
Dibromochloromethane	25.0	26.7		ug/L		107	75 - 125
Chloroethane	25.0	22.7		ug/L		91	69 - 136
Chloroform	25.0	25.7		ug/L		103	73 - 127
Chloromethane	25.0	26.8		ug/L		107	68 - 124
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	26.4		ug/L		106	74 - 124
Ethylbenzene	25.0	24.7		ug/L		99	77 - 123
Methylene Chloride	25.0	24.5		ug/L		98	57 - 132
Styrene	25.0	25.4		ug/L		102	70 - 130
Tetrachloroethene	25.0	27.3		ug/L		109	74 - 122
Toluene	25.0	25.3		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	26.7		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	25.3		ug/L		101	72 - 123
Trichloroethene	25.0	26.6		ug/L		106	74 - 123
Vinyl chloride	25.0	24.1		ug/L		97	65 - 133
Xylenes, Total	75.0	76.7		ug/L		102	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*
Toluene-d8 (Surr)	*106*		*71 - 126*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*

Lab Sample ID: 480-33310-8 MS
Matrix: Water
Analysis Batch: 104703

Client Sample ID: PMW-2D 022013
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		25.0	23.3		ug/L		93	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	23.0		ug/L		92	70 - 126
1,1,2-Trichloroethane	ND		25.0	22.9		ug/L		91	76 - 122
1,1-Dichloroethane	ND		25.0	23.9		ug/L		95	71 - 129
1,1-Dichloroethene	ND		25.0	27.8		ug/L		111	58 - 121
1,2-Dichloroethane	ND		25.0	23.8		ug/L		95	75 - 127
1,2-Dichloropropane	ND		25.0	23.9		ug/L		95	76 - 120
2-Hexanone	ND		125	131		ug/L		105	65 - 127
2-Butanone (MEK)	ND	*	125	134		ug/L		107	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	126		ug/L		101	71 - 125
Acetone	5.0	J	125	155		ug/L		120	56 - 142
Benzene	ND		25.0	23.7		ug/L		95	71 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33310-8 MS
Matrix: Water
Analysis Batch: 104703

Client Sample ID: PMW-2D 022013
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	ND		25.0	23.2		ug/L		93	80 - 122
Bromoform	ND		25.0	22.1		ug/L		88	66 - 128
Bromomethane	ND		25.0	19.1		ug/L		76	55 - 144
Carbon disulfide	ND		25.0	19.3		ug/L		77	59 - 134
Carbon tetrachloride	ND		25.0	22.1		ug/L		89	72 - 134
Chlorobenzene	ND		25.0	23.2		ug/L		93	72 - 120
Dibromochloromethane	ND		25.0	21.7		ug/L		87	75 - 125
Chloroethane	ND		25.0	21.2		ug/L		85	69 - 136
Chloroform	ND		25.0	23.7		ug/L		95	73 - 127
Chloromethane	ND		25.0	23.3		ug/L		93	68 - 124
cis-1,2-Dichloroethene	ND		25.0	24.5		ug/L		98	74 - 124
cis-1,3-Dichloropropene	ND		25.0	21.9		ug/L		87	74 - 124
Ethylbenzene	ND		25.0	23.4		ug/L		93	77 - 123
Methylene Chloride	ND		25.0	22.1		ug/L		88	57 - 132
Styrene	ND		25.0	23.4		ug/L		94	70 - 130
Tetrachloroethene	ND		25.0	25.0		ug/L		100	74 - 122
Toluene	ND		25.0	23.3		ug/L		93	80 - 122
trans-1,2-Dichloroethene	ND		25.0	24.9		ug/L		100	73 - 127
trans-1,3-Dichloropropene	ND		25.0	21.4		ug/L		86	72 - 123
Trichloroethene	ND		25.0	23.9		ug/L		96	74 - 123
Vinyl chloride	ND		25.0	23.4		ug/L		94	65 - 133
Xylenes, Total	ND		75.0	70.5		ug/L		94	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*
Toluene-d8 (Surr)	*104*		*71 - 126*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*

Lab Sample ID: 480-33310-8 MSD
Matrix: Water
Analysis Batch: 104703

Client Sample ID: PMW-2D 022013
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	25.1		ug/L		100	73 - 126	8	15
1,1,2,2-Tetrachloroethane	ND		25.0	24.3		ug/L		97	70 - 126	5	15
1,1,2-Trichloroethane	ND		25.0	24.6		ug/L		98	76 - 122	7	15
1,1-Dichloroethane	ND		25.0	25.7		ug/L		103	71 - 129	7	20
1,1-Dichloroethene	ND		25.0	28.4		ug/L		114	58 - 121	2	16
1,2-Dichloroethane	ND		25.0	25.5		ug/L		102	75 - 127	7	20
1,2-Dichloropropane	ND		25.0	25.6		ug/L		102	76 - 120	7	20
2-Hexanone	ND		125	135		ug/L		108	65 - 127	3	15
2-Butanone (MEK)	ND	*	125	142		ug/L		113	57 - 140	6	20
4-Methyl-2-pentanone (MIBK)	ND		125	132		ug/L		105	71 - 125	4	35
Acetone	5.0	J	125	147		ug/L		114	56 - 142	5	15
Benzene	ND		25.0	25.9		ug/L		103	71 - 124	9	13
Bromodichloromethane	ND		25.0	25.4		ug/L		102	80 - 122	9	15
Bromoform	ND		25.0	24.4		ug/L		98	66 - 128	10	15
Bromomethane	ND		25.0	23.4	F	ug/L		93	55 - 144	20	15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33310-8 MSD
Matrix: Water
Analysis Batch: 104703

Client Sample ID: PMW-2D 022013
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide	ND		25.0	21.9		ug/L		88	59 - 134	13	15
Carbon tetrachloride	ND		25.0	24.5		ug/L		98	72 - 134	10	15
Chlorobenzene	ND		25.0	24.9		ug/L		100	72 - 120	7	25
Dibromochloromethane	ND		25.0	23.5		ug/L		94	75 - 125	8	15
Chloroethane	ND		25.0	23.9		ug/L		96	69 - 136	12	15
Chloroform	ND		25.0	25.4		ug/L		101	73 - 127	7	20
Chloromethane	ND		25.0	23.7		ug/L		95	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	26.1		ug/L		104	74 - 124	6	15
cis-1,3-Dichloropropene	ND		25.0	23.9		ug/L		96	74 - 124	9	15
Ethylbenzene	ND		25.0	25.4		ug/L		102	77 - 123	9	15
Methylene Chloride	ND		25.0	24.4		ug/L		98	57 - 132	10	15
Styrene	ND		25.0	25.2		ug/L		101	70 - 130	7	20
Tetrachloroethene	ND		25.0	27.5		ug/L		110	74 - 122	9	20
Toluene	ND		25.0	25.1		ug/L		100	80 - 122	7	15
trans-1,2-Dichloroethene	ND		25.0	26.6		ug/L		106	73 - 127	7	20
trans-1,3-Dichloropropene	ND		25.0	23.6		ug/L		95	72 - 123	10	15
Trichloroethene	ND		25.0	26.3		ug/L		105	74 - 123	9	16
Vinyl chloride	ND		25.0	24.9		ug/L		100	65 - 133	6	15
Xylenes, Total	ND		75.0	75.9		ug/L		101	76 - 122	7	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*
Toluene-d8 (Surr)	*104*		*71 - 126*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*

Lab Sample ID: MB 480-104885/7
Matrix: Water
Analysis Batch: 104885

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/26/13 11:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/26/13 11:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/26/13 11:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/26/13 11:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/26/13 11:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/26/13 11:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			02/26/13 11:49	1
2-Hexanone	ND		5.0	1.2	ug/L			02/26/13 11:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			02/26/13 11:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			02/26/13 11:49	1
Acetone	ND		10	3.0	ug/L			02/26/13 11:49	1
Benzene	ND		1.0	0.41	ug/L			02/26/13 11:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			02/26/13 11:49	1
Bromoform	ND		1.0	0.26	ug/L			02/26/13 11:49	1
Bromomethane	ND		1.0	0.69	ug/L			02/26/13 11:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			02/26/13 11:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			02/26/13 11:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			02/26/13 11:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-104885/7
Matrix: Water
Analysis Batch: 104885

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.32	ug/L			02/26/13 11:49	1
Chloroethane	ND		1.0	0.32	ug/L			02/26/13 11:49	1
Chloroform	ND		1.0	0.34	ug/L			02/26/13 11:49	1
Chloromethane	ND		1.0	0.35	ug/L			02/26/13 11:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/26/13 11:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			02/26/13 11:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			02/26/13 11:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/26/13 11:49	1
Styrene	ND		1.0	0.73	ug/L			02/26/13 11:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/26/13 11:49	1
Toluene	ND		1.0	0.51	ug/L			02/26/13 11:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/26/13 11:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			02/26/13 11:49	1
Trichloroethene	ND		1.0	0.46	ug/L			02/26/13 11:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/26/13 11:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/26/13 11:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*66 - 137*		*02/26/13 11:49*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*		*02/26/13 11:49*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*02/26/13 11:49*	*1*

Lab Sample ID: LCS 480-104885/4
Matrix: Water
Analysis Batch: 104885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.5		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.7		ug/L		91	70 - 126
1,1,2-Trichloroethane	25.0	24.1		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	24.8		ug/L		99	71 - 129
1,1-Dichloroethene	25.0	26.9		ug/L		108	58 - 121
1,2-Dichloroethane	25.0	25.3		ug/L		101	75 - 127
1,2-Dichloropropane	25.0	25.4		ug/L		102	76 - 120
2-Hexanone	125	128		ug/L		102	65 - 127
2-Butanone (MEK)	125	130		ug/L		104	57 - 140
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	153		ug/L		123	56 - 142
Benzene	25.0	25.5		ug/L		102	71 - 124
Bromodichloromethane	25.0	25.6		ug/L		102	80 - 122
Bromoform	25.0	26.3		ug/L		105	66 - 128
Bromomethane	25.0	23.6		ug/L		95	55 - 144
Carbon disulfide	25.0	21.1		ug/L		85	59 - 134
Carbon tetrachloride	25.0	25.1		ug/L		101	72 - 134
Chlorobenzene	25.0	24.2		ug/L		97	72 - 120
Dibromochloromethane	25.0	25.3		ug/L		101	75 - 125
Chloroethane	25.0	23.2		ug/L		93	69 - 136
Chloroform	25.0	25.5		ug/L		102	73 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-104885/4
Matrix: Water
Analysis Batch: 104885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	25.0	24.4		ug/L		98	68 - 124
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	74 - 124
Ethylbenzene	25.0	24.3		ug/L		97	77 - 123
Methylene Chloride	25.0	24.1		ug/L		97	57 - 132
Styrene	25.0	24.9		ug/L		100	70 - 130
Tetrachloroethene	25.0	26.4		ug/L		106	74 - 122
Toluene	25.0	24.5		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	27.0		ug/L		108	73 - 127
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	72 - 123
Trichloroethene	25.0	25.4		ug/L		101	74 - 123
Vinyl chloride	25.0	23.5		ug/L		94	65 - 133
Xylenes, Total	75.0	74.8		ug/L		100	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*
Toluene-d8 (Surr)	*105*		*71 - 126*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

GC/MS VOA

Analysis Batch: 104702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33310-1	Trip Blank 022013	Total/NA	Water	8260B	
480-33310-2	TMW-2S 022013	Total/NA	Ground Water	8260B	
480-33310-3	AF-4P 022013	Total/NA	Ground Water	8260B	
480-33310-4	TMW-2D 022013	Total/NA	Ground Water	8260B	
480-33310-5	AF-4S 022013	Total/NA	Ground Water	8260B	
480-33310-10	AF-13S 022013	Total/NA	Ground Water	8260B	
480-33310-11	AF-5S 022013	Total/NA	Ground Water	8260B	
480-33310-12	PMW-4D 022013	Total/NA	Water	8260B	
480-33310-13	AF-25P 022013	Total/NA	Ground Water	8260B	
480-33310-14	ADW-102 022013	Total/NA	Ground Water	8260B	
480-33310-15	AF-6S 022013	Total/NA	Ground Water	8260B	
480-33310-16	OSMW-9S 022013	Total/NA	Ground Water	8260B	
480-33310-17	AF-9S 022013	Total/NA	Ground Water	8260B	
LCS 480-104702/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104702/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 104703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33310-6	AF-19S 022013	Total/NA	Ground Water	8260B	
480-33310-7	AF-19D 022013	Total/NA	Ground Water	8260B	
480-33310-8	PMW-2D 022013	Total/NA	Water	8260B	
480-33310-8 MS	PMW-2D 022013	Total/NA	Water	8260B	
480-33310-8 MSD	PMW-2D 022013	Total/NA	Water	8260B	
480-33310-9	AF-13P 022013	Total/NA	Ground Water	8260B	
LCS 480-104703/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104703/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 104885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33310-14 - DL	ADW-102 022013	Total/NA	Ground Water	8260B	
LCS 480-104885/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-104885/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: Trip Blank 022013 — Lab Sample ID: 480-33310-1

Date Collected: 02/20/13 00:00 — **Matrix: Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 16:30	LH	TAL BUF

Client Sample ID: TMW-2S 022013 — Lab Sample ID: 480-33310-2

Date Collected: 02/20/13 08:37 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 16:55	LH	TAL BUF

Client Sample ID: AF-4P 022013 — Lab Sample ID: 480-33310-3

Date Collected: 02/20/13 08:46 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	104702	02/25/13 17:20	LH	TAL BUF

Client Sample ID: TMW-2D 022013 — Lab Sample ID: 480-33310-4

Date Collected: 02/20/13 08:51 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	104702	02/25/13 17:45	LH	TAL BUF

Client Sample ID: AF-4S 022013 — Lab Sample ID: 480-33310-5

Date Collected: 02/20/13 08:58 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 18:10	LH	TAL BUF

Client Sample ID: AF-19S 022013 — Lab Sample ID: 480-33310-6

Date Collected: 02/20/13 09:05 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104703	02/25/13 17:10	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-19D 022013 — Lab Sample ID: 480-33310-7

Date Collected: 02/20/13 09:13 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104703	02/25/13 17:33	LH	TAL BUF

Client Sample ID: PMW-2D 022013 — Lab Sample ID: 480-33310-8

Date Collected: 02/20/13 09:20 — **Matrix: Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104703	02/25/13 17:57	LH	TAL BUF

Client Sample ID: AF-13P 022013 — Lab Sample ID: 480-33310-9

Date Collected: 02/20/13 09:41 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104703	02/25/13 19:09	LH	TAL BUF

Client Sample ID: AF-13S 022013 — Lab Sample ID: 480-33310-10

Date Collected: 02/20/13 09:51 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 18:35	LH	TAL BUF

Client Sample ID: AF-5S 022013 — Lab Sample ID: 480-33310-11

Date Collected: 02/20/13 10:06 — **Matrix: Ground Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 19:00	LH	TAL BUF

Client Sample ID: PMW-4D 022013 — Lab Sample ID: 480-33310-12

Date Collected: 02/20/13 10:19 — **Matrix: Water**
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 19:25	LH	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Client Sample ID: AF-25P 022013

Lab Sample ID: 480-33310-13

Date Collected: 02/20/13 10:28
Matrix: Ground Water
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	104702	02/25/13 19:50	LH	TAL BUF

Client Sample ID: ADW-102 022013

Lab Sample ID: 480-33310-14

Date Collected: 02/20/13 00:00
Matrix: Ground Water
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 20:14	LH	TAL BUF
Total/NA	Analysis	8260B	DL	4	104885	02/26/13 12:21	LH	TAL BUF

Client Sample ID: AF-6S 022013

Lab Sample ID: 480-33310-15

Date Collected: 02/20/13 10:42
Matrix: Ground Water
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 20:39	LH	TAL BUF

Client Sample ID: OSMW-9S 022013

Lab Sample ID: 480-33310-16

Date Collected: 02/20/13 10:49
Matrix: Ground Water
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	104702	02/25/13 21:04	LH	TAL BUF

Client Sample ID: AF-9S 022013

Lab Sample ID: 480-33310-17

Date Collected: 02/20/13 11:10
Matrix: Ground Water
Date Received: 02/21/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	104702	02/25/13 21:29	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE IRM Project

TestAmerica Job ID: 480-33310-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-33310-1	Trip Blank 022013	Water	02/20/13 00:00	02/21/13 09:00
480-33310-2	TMW-2S 022013	Ground Water	02/20/13 08:37	02/21/13 09:00
480-33310-3	AF-4P 022013	Ground Water	02/20/13 08:46	02/21/13 09:00
480-33310-4	TMW-2D 022013	Ground Water	02/20/13 08:51	02/21/13 09:00
480-33310-5	AF-4S 022013	Ground Water	02/20/13 08:58	02/21/13 09:00
480-33310-6	AF-19S 022013	Ground Water	02/20/13 09:05	02/21/13 09:00
480-33310-7	AF-19D 022013	Ground Water	02/20/13 09:13	02/21/13 09:00
480-33310-8	PMW-2D 022013	Water	02/20/13 09:20	02/21/13 09:00
480-33310-9	AF-13P 022013	Ground Water	02/20/13 09:41	02/21/13 09:00
480-33310-10	AF-13S 022013	Ground Water	02/20/13 09:51	02/21/13 09:00
480-33310-11	AF-5S 022013	Ground Water	02/20/13 10:06	02/21/13 09:00
480-33310-12	PMW-4D 022013	Water	02/20/13 10:19	02/21/13 09:00
480-33310-13	AF-25P 022013	Ground Water	02/20/13 10:28	02/21/13 09:00
480-33310-14	ADW-102 022013	Ground Water	02/20/13 00:00	02/21/13 09:00
480-33310-15	AF-6S 022013	Ground Water	02/20/13 10:42	02/21/13 09:00
480-33310-16	OSMW-9S 022013	Ground Water	02/20/13 10:49	02/21/13 09:00
480-33310-17	AF-9S 022013	Ground Water	02/20/13 11:10	02/21/13 09:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schome
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: 716-691-2600
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@obg.com		
Phone: 513-697-2020		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 50127 262.003	Shipping/Tracking No:		
PO#			

COC No: 59792 — 1 of 2 COCs

Analyses: VOCs (8260B)

Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:			VOCs (8260B)	Sample Specific Notes / Special Instructions:
TripBlank 022013	2/20/13	—		X						2					N	G	X	
TMW-2S 022013		837		X						3					N	G	X	
AF-4P 022013		846		X						3					N	G	X	
TMW-2D 022013		851		X						3					N	G	X	
AF-4S 022013		858		X						3					N	G	X	
AF-19S 022013		905		X						3					N	G	X	
AF-19D 022013		913		X						3					N	G	X	
PMW-2D 022013		920		X						2					N	G	X	
PMW-2D 022013 MS/MSD		920		X						4					N	G	X	
AF-13P 022013		941		X						3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: Analysis per QAPP; Level III Data Package

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	O'Brien & Gere	2/20/13 1425	[signature]	TestAmerica	2/20/13 1425
[signature]	TestAmerica	2/20/13 1425	[signature]	TestAmerica	2/21/13 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

2.8°C

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TAL 0018- 1 (04/10)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Kevin Schneider	Lab Contact: John Schone
Address: 8805 Governors Hill	Telephone: 248-477-5701	Telephone: 734-306-9685	Telephone: ~~Schone~~ KBS 2/20/13 716-691-2600
City/State/Zip: Cincinnati, OH 45249	Email: Anthony.Finch@obg.com		
Phone: 513-697-2020		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 50127 262-003	Shipping/Tracking No:		
PO#			

COC No: 2 of 2 COCs

Analyses: VOCs (8260B)

Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:			VOCs (8260B)	Sample Specific Notes / Special Instructions:
AF-13S 022013	2/20/13	951		X						3					N	G	X	
AF-5S 022013		1006		X						3					N	G	X	
PMW-4D 022013		1019		X						3					N	G	X	
AF-25P 022013		1028		X						3					N	G	X	
ADW-102 022013		—		X						3					N	G	X	
AF-6S 022013		1042		X						3					N	G	X	
OSMW-9S 022013		1049		X						1					N	G	X	PDB Broke during retrieval 1 was collected
AF-9S 022013		1100		X						3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: Analysis Per QAPP; Level III Data Package

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	O'Brien & Gere	2/20/13 14:25	[signature]	TestAmerica	2/20/13 1425
[signature]	TestAmerica	2/20/13 1425	[signature]	[signature]	2/21/13 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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TAL-0018 (1008)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-33310-1

Login Number: 33310
List Number: 1
Creator: Robitaille, Zach L

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-33725-1
TestAmerica Sample Delivery Group: 480-33725
Client Project/Site: GE - Evendale, OH site

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
3/26/2013 2:26:43 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-33725-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-33725-1

Comments
No additional comments.

Receipt
The samples were received on 3/2/2013 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 4.2º C.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range:
INFLUENT 030113 (480-33725-1), MIXING TANK 030113 (480-33725-3). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

Client Sample ID: INFLUENT 030113 — Lab Sample ID: 480-33725-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	44		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	6.7		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.3	J	4.0	1.2	ug/L	4		8260B	Total/NA
Carbon disulfide	0.79	J	4.0	0.76	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	57		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	9.5		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	160		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	20		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: FILTERED INLUENT 030113 — Lab Sample ID: 480-33725-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	21		1.0	0.82	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	3.8		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.74	J	1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	30		1.0	0.81	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.4		1.0	0.90	ug/L	1		8260B	Total/NA
Trichloroethene	69		1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	7.1		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: MIXING TANK 030113 — Lab Sample ID: 480-33725-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	54		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	7.8		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.3	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	51		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	7.7		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	180		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	15		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: EFFLUENT 030113 — Lab Sample ID: 480-33725-4

No Detections

Client Sample ID: FILTERED EFFLUENT 030113 — Lab Sample ID: 480-33725-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.71	J	1.0	0.46	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

Client Sample ID: INFLUENT 030113

Lab Sample ID: 480-33725-1

Date Collected: 03/01/13 08:30
Matrix: Water
Date Received: 03/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**44**		4.0	3.3	ug/L			03/07/13 12:19	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			03/07/13 12:19	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			03/07/13 12:19	4
1,1-Dichloroethane	**6.7**		4.0	1.5	ug/L			03/07/13 12:19	4
1,1-Dichloroethene	**2.3**	**J**	4.0	1.2	ug/L			03/07/13 12:19	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			03/07/13 12:19	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			03/07/13 12:19	4
2-Hexanone	ND		20	5.0	ug/L			03/07/13 12:19	4
2-Butanone (MEK)	ND		40	5.3	ug/L			03/07/13 12:19	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			03/07/13 12:19	4
Acetone	ND		40	12	ug/L			03/07/13 12:19	4
Benzene	ND		4.0	1.6	ug/L			03/07/13 12:19	4
Bromodichloromethane	ND		4.0	1.6	ug/L			03/07/13 12:19	4
Bromoform	ND		4.0	1.0	ug/L			03/07/13 12:19	4
Bromomethane	ND		4.0	2.8	ug/L			03/07/13 12:19	4
Carbon disulfide	**0.79**	**J**	4.0	0.76	ug/L			03/07/13 12:19	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			03/07/13 12:19	4
Chlorobenzene	ND		4.0	3.0	ug/L			03/07/13 12:19	4
Dibromochloromethane	ND		4.0	1.3	ug/L			03/07/13 12:19	4
Chloroethane	ND		4.0	1.3	ug/L			03/07/13 12:19	4
Chloroform	ND		4.0	1.4	ug/L			03/07/13 12:19	4
Chloromethane	ND		4.0	1.4	ug/L			03/07/13 12:19	4
cis-1,2-Dichloroethene	**57**		4.0	3.2	ug/L			03/07/13 12:19	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/07/13 12:19	4
Ethylbenzene	ND		4.0	3.0	ug/L			03/07/13 12:19	4
Methylene Chloride	ND		4.0	1.8	ug/L			03/07/13 12:19	4
Styrene	ND		4.0	2.9	ug/L			03/07/13 12:19	4
Tetrachloroethene	ND		4.0	1.4	ug/L			03/07/13 12:19	4
Toluene	ND		4.0	2.0	ug/L			03/07/13 12:19	4
trans-1,2-Dichloroethene	**9.5**		4.0	3.6	ug/L			03/07/13 12:19	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/07/13 12:19	4
Trichloroethene	**160**		4.0	1.8	ug/L			03/07/13 12:19	4
Vinyl chloride	**20**		4.0	3.6	ug/L			03/07/13 12:19	4
Xylenes, Total	ND		8.0	2.6	ug/L			03/07/13 12:19	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*03/07/13 12:19*	*4*
Toluene-d8 (Surr)	*97*		*71 - 126*		*03/07/13 12:19*	*4*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*03/07/13 12:19*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

Client Sample ID: FILTERED INLUENT 030113

Lab Sample ID: 480-33725-2

Date Collected: 03/01/13 08:45
Matrix: Water
Date Received: 03/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**21**		1.0	0.82	ug/L			03/08/13 01:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/08/13 01:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/08/13 01:35	1
1,1-Dichloroethane	**3.8**		1.0	0.38	ug/L			03/08/13 01:35	1
1,1-Dichloroethene	**0.74**	**J**	1.0	0.29	ug/L			03/08/13 01:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/08/13 01:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/08/13 01:35	1
2-Hexanone	ND		5.0	1.2	ug/L			03/08/13 01:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/08/13 01:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/08/13 01:35	1
Acetone	ND		10	3.0	ug/L			03/08/13 01:35	1
Benzene	ND		1.0	0.41	ug/L			03/08/13 01:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/08/13 01:35	1
Bromoform	ND		1.0	0.26	ug/L			03/08/13 01:35	1
Bromomethane	ND		1.0	0.69	ug/L			03/08/13 01:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/08/13 01:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/08/13 01:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/08/13 01:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/08/13 01:35	1
Chloroethane	ND		1.0	0.32	ug/L			03/08/13 01:35	1
Chloroform	ND		1.0	0.34	ug/L			03/08/13 01:35	1
Chloromethane	ND		1.0	0.35	ug/L			03/08/13 01:35	1
cis-1,2-Dichloroethene	**30**		1.0	0.81	ug/L			03/08/13 01:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/08/13 01:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/08/13 01:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/08/13 01:35	1
Styrene	ND		1.0	0.73	ug/L			03/08/13 01:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/08/13 01:35	1
Toluene	ND		1.0	0.51	ug/L			03/08/13 01:35	1
trans-1,2-Dichloroethene	**3.4**		1.0	0.90	ug/L			03/08/13 01:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/08/13 01:35	1
Trichloroethene	**69**		1.0	0.46	ug/L			03/08/13 01:35	1
Vinyl chloride	**7.1**		1.0	0.90	ug/L			03/08/13 01:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/08/13 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*03/08/13 01:35*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*03/08/13 01:35*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*03/08/13 01:35*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

Client Sample ID: MIXING TANK 030113

Lab Sample ID: 480-33725-3

Date Collected: 03/01/13 09:00
Matrix: Water
Date Received: 03/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**54**		4.0	3.3	ug/L			03/07/13 13:09	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			03/07/13 13:09	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			03/07/13 13:09	4
1,1-Dichloroethane	**7.8**		4.0	1.5	ug/L			03/07/13 13:09	4
1,1-Dichloroethene	**2.3**	**J**	4.0	1.2	ug/L			03/07/13 13:09	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			03/07/13 13:09	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			03/07/13 13:09	4
2-Hexanone	ND		20	5.0	ug/L			03/07/13 13:09	4
2-Butanone (MEK)	ND		40	5.3	ug/L			03/07/13 13:09	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			03/07/13 13:09	4
Acetone	ND		40	12	ug/L			03/07/13 13:09	4
Benzene	ND		4.0	1.6	ug/L			03/07/13 13:09	4
Bromodichloromethane	ND		4.0	1.6	ug/L			03/07/13 13:09	4
Bromoform	ND		4.0	1.0	ug/L			03/07/13 13:09	4
Bromomethane	ND		4.0	2.8	ug/L			03/07/13 13:09	4
Carbon disulfide	ND		4.0	0.76	ug/L			03/07/13 13:09	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			03/07/13 13:09	4
Chlorobenzene	ND		4.0	3.0	ug/L			03/07/13 13:09	4
Dibromochloromethane	ND		4.0	1.3	ug/L			03/07/13 13:09	4
Chloroethane	ND		4.0	1.3	ug/L			03/07/13 13:09	4
Chloroform	ND		4.0	1.4	ug/L			03/07/13 13:09	4
Chloromethane	ND		4.0	1.4	ug/L			03/07/13 13:09	4
cis-1,2-Dichloroethene	**51**		4.0	3.2	ug/L			03/07/13 13:09	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/07/13 13:09	4
Ethylbenzene	ND		4.0	3.0	ug/L			03/07/13 13:09	4
Methylene Chloride	ND		4.0	1.8	ug/L			03/07/13 13:09	4
Styrene	ND		4.0	2.9	ug/L			03/07/13 13:09	4
Tetrachloroethene	ND		4.0	1.4	ug/L			03/07/13 13:09	4
Toluene	ND		4.0	2.0	ug/L			03/07/13 13:09	4
trans-1,2-Dichloroethene	**7.7**		4.0	3.6	ug/L			03/07/13 13:09	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/07/13 13:09	4
Trichloroethene	**180**		4.0	1.8	ug/L			03/07/13 13:09	4
Vinyl chloride	**15**		4.0	3.6	ug/L			03/07/13 13:09	4
Xylenes, Total	ND		8.0	2.6	ug/L			03/07/13 13:09	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*03/07/13 13:09*	*4*
Toluene-d8 (Surr)	*97*		*71 - 126*		*03/07/13 13:09*	*4*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*03/07/13 13:09*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

Client Sample ID: EFFLUENT 030113

Lab Sample ID: 480-33725-4

Date Collected: 03/01/13 09:10
Matrix: Water
Date Received: 03/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/07/13 13:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/07/13 13:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/07/13 13:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/07/13 13:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/07/13 13:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/07/13 13:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/07/13 13:34	1
2-Hexanone	ND		5.0	1.2	ug/L			03/07/13 13:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/07/13 13:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/07/13 13:34	1
Acetone	ND		10	3.0	ug/L			03/07/13 13:34	1
Benzene	ND		1.0	0.41	ug/L			03/07/13 13:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/07/13 13:34	1
Bromoform	ND		1.0	0.26	ug/L			03/07/13 13:34	1
Bromomethane	ND		1.0	0.69	ug/L			03/07/13 13:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/07/13 13:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/07/13 13:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/07/13 13:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/07/13 13:34	1
Chloroethane	ND		1.0	0.32	ug/L			03/07/13 13:34	1
Chloroform	ND		1.0	0.34	ug/L			03/07/13 13:34	1
Chloromethane	ND		1.0	0.35	ug/L			03/07/13 13:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/07/13 13:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/07/13 13:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/07/13 13:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/07/13 13:34	1
Styrene	ND		1.0	0.73	ug/L			03/07/13 13:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/07/13 13:34	1
Toluene	ND		1.0	0.51	ug/L			03/07/13 13:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/07/13 13:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/07/13 13:34	1
Trichloroethene	ND		1.0	0.46	ug/L			03/07/13 13:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/07/13 13:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/07/13 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*03/07/13 13:34*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*03/07/13 13:34*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*03/07/13 13:34*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

Client Sample ID: FILTERED EFFLUENT 030113

Lab Sample ID: 480-33725-5

Date Collected: 03/01/13 09:25
Matrix: Water
Date Received: 03/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/07/13 13:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/07/13 13:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/07/13 13:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/07/13 13:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/07/13 13:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/07/13 13:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/07/13 13:59	1
2-Hexanone	ND		5.0	1.2	ug/L			03/07/13 13:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/07/13 13:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/07/13 13:59	1
Acetone	ND		10	3.0	ug/L			03/07/13 13:59	1
Benzene	ND		1.0	0.41	ug/L			03/07/13 13:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/07/13 13:59	1
Bromoform	ND		1.0	0.26	ug/L			03/07/13 13:59	1
Bromomethane	ND		1.0	0.69	ug/L			03/07/13 13:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/07/13 13:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/07/13 13:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/07/13 13:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/07/13 13:59	1
Chloroethane	ND		1.0	0.32	ug/L			03/07/13 13:59	1
Chloroform	ND		1.0	0.34	ug/L			03/07/13 13:59	1
Chloromethane	ND		1.0	0.35	ug/L			03/07/13 13:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/07/13 13:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/07/13 13:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/07/13 13:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/07/13 13:59	1
Styrene	ND		1.0	0.73	ug/L			03/07/13 13:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/07/13 13:59	1
Toluene	ND		1.0	0.51	ug/L			03/07/13 13:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/07/13 13:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/07/13 13:59	1
Trichloroethene	**0.71**	**J**	1.0	0.46	ug/L			03/07/13 13:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/07/13 13:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/07/13 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*03/07/13 13:59*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*03/07/13 13:59*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*03/07/13 13:59*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-33725-1	INFLUENT 030113	105	97	95
480-33725-2	FILTERED INLUENT 030113	101	98	95
480-33725-3	MIXING TANK 030113	108	97	96
480-33725-4	EFFLUENT 030113	105	98	96
480-33725-5	FILTERED EFFLUENT 030113	110	96	94
LCS 480-106233/4	Lab Control Sample	99	101	101
LCS 480-106384/5	Lab Control Sample	95	98	100
MB 480-106233/5	Method Blank	102	98	100
MB 480-106384/6	Method Blank	104	97	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-106233/5
Matrix: Water
Analysis Batch: 106233

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/07/13 11:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/07/13 11:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/07/13 11:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/07/13 11:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/07/13 11:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/07/13 11:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/07/13 11:36	1
2-Hexanone	ND		5.0	1.2	ug/L			03/07/13 11:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/07/13 11:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/07/13 11:36	1
Acetone	ND		10	3.0	ug/L			03/07/13 11:36	1
Benzene	ND		1.0	0.41	ug/L			03/07/13 11:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/07/13 11:36	1
Bromoform	ND		1.0	0.26	ug/L			03/07/13 11:36	1
Bromomethane	ND		1.0	0.69	ug/L			03/07/13 11:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/07/13 11:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/07/13 11:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/07/13 11:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/07/13 11:36	1
Chloroethane	ND		1.0	0.32	ug/L			03/07/13 11:36	1
Chloroform	ND		1.0	0.34	ug/L			03/07/13 11:36	1
Chloromethane	ND		1.0	0.35	ug/L			03/07/13 11:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/07/13 11:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/07/13 11:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/07/13 11:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/07/13 11:36	1
Styrene	ND		1.0	0.73	ug/L			03/07/13 11:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/07/13 11:36	1
Toluene	ND		1.0	0.51	ug/L			03/07/13 11:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/07/13 11:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/07/13 11:36	1
Trichloroethene	ND		1.0	0.46	ug/L			03/07/13 11:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/07/13 11:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/07/13 11:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*03/07/13 11:36*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*03/07/13 11:36*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/07/13 11:36*	*1*

Lab Sample ID: LCS 480-106233/4
Matrix: Water
Analysis Batch: 106233

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.9		ug/L		92	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.1		ug/L		88	70 - 126
1,1,2-Trichloroethane	25.0	22.2		ug/L		89	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-106233/4
Matrix: Water
Analysis Batch: 106233

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.8		ug/L		91	71 - 129
1,1-Dichloroethene	25.0	23.3		ug/L		93	58 - 121
1,2-Dichloroethane	25.0	22.8		ug/L		91	75 - 127
1,2-Dichloropropane	25.0	23.2		ug/L		93	76 - 120
2-Hexanone	125	127		ug/L		102	65 - 127
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	122		ug/L		97	56 - 142
Benzene	25.0	23.3		ug/L		93	71 - 124
Bromodichloromethane	25.0	23.0		ug/L		92	80 - 122
Bromoform	25.0	22.0		ug/L		88	66 - 128
Bromomethane	25.0	22.9		ug/L		92	55 - 144
Carbon disulfide	25.0	23.1		ug/L		92	59 - 134
Carbon tetrachloride	25.0	22.8		ug/L		91	72 - 134
Chlorobenzene	25.0	22.8		ug/L		91	72 - 120
Dibromochloromethane	25.0	22.2		ug/L		89	75 - 125
Chloroethane	25.0	23.8		ug/L		95	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	23.3		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	23.3		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	23.2		ug/L		93	74 - 124
Ethylbenzene	25.0	23.8		ug/L		95	77 - 123
Methylene Chloride	25.0	22.7		ug/L		91	57 - 132
Styrene	25.0	25.7		ug/L		103	70 - 130
Tetrachloroethene	25.0	23.5		ug/L		94	74 - 122
Toluene	25.0	23.3		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	23.1		ug/L		92	72 - 123
Trichloroethene	25.0	23.1		ug/L		93	74 - 123
Vinyl chloride	25.0	25.4		ug/L		102	65 - 133
Xylenes, Total	75.0	75.1		ug/L		100	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*
Toluene-d8 (Surr)	*101*		*71 - 126*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*

Lab Sample ID: MB 480-106384/6
Matrix: Water
Analysis Batch: 106384

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/08/13 00:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/08/13 00:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/08/13 00:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/08/13 00:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/08/13 00:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/08/13 00:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-106384/6
Matrix: Water
Analysis Batch: 106384

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/08/13 00:26	1
2-Hexanone	ND		5.0	1.2	ug/L			03/08/13 00:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/08/13 00:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/08/13 00:26	1
Acetone	ND		10	3.0	ug/L			03/08/13 00:26	1
Benzene	ND		1.0	0.41	ug/L			03/08/13 00:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/08/13 00:26	1
Bromoform	ND		1.0	0.26	ug/L			03/08/13 00:26	1
Bromomethane	ND		1.0	0.69	ug/L			03/08/13 00:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/08/13 00:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/08/13 00:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/08/13 00:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/08/13 00:26	1
Chloroethane	ND		1.0	0.32	ug/L			03/08/13 00:26	1
Chloroform	ND		1.0	0.34	ug/L			03/08/13 00:26	1
Chloromethane	ND		1.0	0.35	ug/L			03/08/13 00:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/08/13 00:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/08/13 00:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/08/13 00:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/08/13 00:26	1
Styrene	ND		1.0	0.73	ug/L			03/08/13 00:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/08/13 00:26	1
Toluene	ND		1.0	0.51	ug/L			03/08/13 00:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/08/13 00:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/08/13 00:26	1
Trichloroethene	ND		1.0	0.46	ug/L			03/08/13 00:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/08/13 00:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/08/13 00:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*03/08/13 00:26*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*03/08/13 00:26*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*03/08/13 00:26*	*1*

Lab Sample ID: LCS 480-106384/5
Matrix: Water
Analysis Batch: 106384

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.9		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.5		ug/L		86	70 - 126
1,1,2-Trichloroethane	25.0	23.0		ug/L		92	76 - 122
1,1-Dichloroethane	25.0	23.8		ug/L		95	71 - 129
1,1-Dichloroethene	25.0	24.8		ug/L		99	58 - 121
1,2-Dichloroethane	25.0	22.9		ug/L		91	75 - 127
1,2-Dichloropropane	25.0	23.5		ug/L		94	76 - 120
2-Hexanone	125	126		ug/L		101	65 - 127
2-Butanone (MEK)	125	125		ug/L		100	57 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-106384/5
Matrix: Water
Analysis Batch: 106384

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125
Acetone	125	128		ug/L		102	56 - 142
Benzene	25.0	23.8		ug/L		95	71 - 124
Bromodichloromethane	25.0	22.7		ug/L		91	80 - 122
Bromoform	25.0	22.1		ug/L		89	66 - 128
Bromomethane	25.0	23.1		ug/L		93	55 - 144
Carbon disulfide	25.0	24.3		ug/L		97	59 - 134
Carbon tetrachloride	25.0	24.3		ug/L		97	72 - 134
Chlorobenzene	25.0	23.3		ug/L		93	72 - 120
Dibromochloromethane	25.0	23.0		ug/L		92	75 - 125
Chloroethane	25.0	24.3		ug/L		97	69 - 136
Chloroform	25.0	23.4		ug/L		94	73 - 127
Chloromethane	25.0	23.4		ug/L		94	68 - 124
cis-1,2-Dichloroethene	25.0	23.8		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	23.6		ug/L		94	74 - 124
Ethylbenzene	25.0	23.7		ug/L		95	77 - 123
Methylene Chloride	25.0	23.4		ug/L		93	57 - 132
Styrene	25.0	25.9		ug/L		104	70 - 130
Tetrachloroethene	25.0	23.8		ug/L		95	74 - 122
Toluene	25.0	23.6		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	24.1		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	23.4		ug/L		94	72 - 123
Trichloroethene	25.0	23.2		ug/L		93	74 - 123
Vinyl chloride	25.0	26.3		ug/L		105	65 - 133
Xylenes, Total	75.0	76.0		ug/L		101	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*
Toluene-d8 (Surr)	*98*		*71 - 126*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

GC/MS VOA

Analysis Batch: 106233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33725-1	INFLUENT 030113	Total/NA	Water	8260B	
480-33725-3	MIXING TANK 030113	Total/NA	Water	8260B	
480-33725-4	EFFLUENT 030113	Total/NA	Water	8260B	
480-33725-5	FILTERED EFFLUENT 030113	Total/NA	Water	8260B	
LCS 480-106233/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-106233/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 106384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33725-2	FILTERED INLUENT 030113	Total/NA	Water	8260B	
LCS 480-106384/5	Lab Control Sample	Total/NA	Water	8260B	
MB 480-106384/6	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

Client Sample ID: INFLUENT 030113 — Lab Sample ID: 480-33725-1

Date Collected: 03/01/13 08:30 — **Matrix: Water**
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	106233	03/07/13 12:19	CDC	TAL BUF

Client Sample ID: FILTERED INLUENT 030113 — Lab Sample ID: 480-33725-2

Date Collected: 03/01/13 08:45 — **Matrix: Water**
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	106384	03/08/13 01:35	LH	TAL BUF

Client Sample ID: MIXING TANK 030113 — Lab Sample ID: 480-33725-3

Date Collected: 03/01/13 09:00 — **Matrix: Water**
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	106233	03/07/13 13:09	CDC	TAL BUF

Client Sample ID: EFFLUENT 030113 — Lab Sample ID: 480-33725-4

Date Collected: 03/01/13 09:10 — **Matrix: Water**
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	106233	03/07/13 13:34	CDC	TAL BUF

Client Sample ID: FILTERED EFFLUENT 030113 — Lab Sample ID: 480-33725-5

Date Collected: 03/01/13 09:25 — **Matrix: Water**
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	106233	03/07/13 13:59	CDC	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33725-1
SDG: 480-33725

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-33725-1	INFLUENT 030113	Water	03/01/13 08:30	03/02/13 09:30
480-33725-2	FILTERED INLUENT 030113	Water	03/01/13 08:45	03/02/13 09:30
480-33725-3	MIXING TANK 030113	Water	03/01/13 09:00	03/02/13 09:30
480-33725-4	EFFLUENT 030113	Water	03/01/13 09:10	03/02/13 09:30
480-33725-5	FILTERED EFFLUENT 030113	Water	03/01/13 09:25	03/02/13 09:30

Chain of Custody Record

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TestAmerica Laboratory location: Buffalo
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: O'Brien & Gere	Client Project Manager: Scott McQueen	Site Contact: Mike McLaughlin	Lab Contact: John Schove
Address: 8005 Governors Hill Dr	Telephone: 484-804-7220	Telephone: 513-319-3860	Telephone: 716-504-9838
City/State/Zip: Cincinnati OH 45042	Email: Scott.McQueen@obg.com		
Phone: 513-697-2020			
Project Name: GE IRM Project	Method of Shipment/Carrier:		
Project Number: 50127	Shipping/Tracking No:		
PO # 18121 10017			

COC No: 59798
1 of 1 COCs

Analysis Turnaround Time (in BUS days)
TAT if different from below
☐ 3 weeks
☒ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

For lab use only
Walk-in client ☐
Lab pickup ☐
Lab sampling ☐
Job/SDG No

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other	Filtered Sample (Y/N)	Composite=C / Grab=G	Analyses: VOCs (8260B)	Sample Specific Notes / Special Instructions:
Influent 030113	3-1-13	8:30		X						3					N	G	X	
Filtered Influent 030113	↓	8:45		X						3					Y	C	X	
Mixing Tank 030113		9:00		X						3					N	G	X	
Effluent 030113		9:10		X						3					N	G	X	
Filtered Effluent 030113		9:25		X						3					Y	C	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:
Use Trip Blank from project 48566 - Analyze per QAPP, Level III Data Package

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Mike McLaughlin	OBG	3/1/13 1220	[illegible]	TestAmerica	3/1/13 1220
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[illegible]	TestAmerica	3/1/13 1220	[illegible]	TA Buffalo	3/2/13 0930
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time

#3 4.2

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TAL 0018-1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-33725-1
SDG Number: 480-33725

Login Number: 33725
List Number: 1
Creator: Janish, Carl

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	obg
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-33727-1
TestAmerica Sample Delivery Group: 480-33726
Client Project/Site: GE - Evendale, OH site

For:
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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: Trip Blank — Lab Sample ID: 480-33727-1

No Detections

Client Sample ID: EW-75 030113 — Lab Sample ID: 480-33727-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.2		1.0	0.38	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.40	J	1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	62		1.0	0.81	ug/L	1		8260B	Total/NA
Vinyl chloride	90		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: EW-8D 030113 — Lab Sample ID: 480-33727-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7		1.0	0.38	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.7		1.0	0.81	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.5		1.0	0.90	ug/L	1		8260B	Total/NA
Vinyl chloride	11		1.0	0.90	ug/L	1		8260B	Total/NA

Client Sample ID: EW-4P 030113 — Lab Sample ID: 480-33727-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	87		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	15		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	1.4	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	4.2		4.0	3.2	ug/L	4		8260B	Total/NA
Trichloroethene	250		4.0	1.8	ug/L	4		8260B	Total/NA

Client Sample ID: EW-5P 030113 — Lab Sample ID: 480-33727-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	120		5.0	4.1	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	16		5.0	1.9	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	5.3		5.0	1.5	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	20		5.0	4.1	ug/L	5		8260B	Total/NA
Trichloroethene	250		5.0	2.3	ug/L	5		8260B	Total/NA
Vinyl chloride	11		5.0	4.5	ug/L	5		8260B	Total/NA

Client Sample ID: EW-2P 030113 — Lab Sample ID: 480-33727-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	110		5.0	4.1	ug/L	5		8260B	Total/NA
1,1-Dichloroethane	15		5.0	1.9	ug/L	5		8260B	Total/NA
1,1-Dichloroethene	4.2	J	5.0	1.5	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	18		5.0	4.1	ug/L	5		8260B	Total/NA
Trichloroethene	300		5.0	2.3	ug/L	5		8260B	Total/NA

Client Sample ID: EW-6P 030113 — Lab Sample ID: 480-33727-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	65		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	7.6		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.1	J	4.0	1.2	ug/L	4		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: EW-6P 030113 (Continued) — Lab Sample ID: 480-33727-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		4.0	3.2	ug/L	4		8260B	Total/NA
Trichloroethene	190		4.0	1.8	ug/L	4		8260B	Total/NA

Client Sample ID: ADW-100 030113 — Lab Sample ID: 480-33727-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.7	J	4.0	1.6	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	220		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	44		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	290		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	4.4		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: EW-3D 030113 — Lab Sample ID: 480-33727-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.8	J	4.0	1.6	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	210		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	44		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	290		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	4.4		4.0	3.6	ug/L	4		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: Trip Blank

Lab Sample ID: 480-33727-1

Date Collected: 03/01/13 00:00
Date Received: 03/02/13 09:30

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/07/13 14:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/07/13 14:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/07/13 14:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/07/13 14:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/07/13 14:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/07/13 14:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/07/13 14:24	1
2-Hexanone	ND		5.0	1.2	ug/L			03/07/13 14:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/07/13 14:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/07/13 14:24	1
Acetone	ND		10	3.0	ug/L			03/07/13 14:24	1
Benzene	ND		1.0	0.41	ug/L			03/07/13 14:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/07/13 14:24	1
Bromoform	ND		1.0	0.26	ug/L			03/07/13 14:24	1
Bromomethane	ND		1.0	0.69	ug/L			03/07/13 14:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/07/13 14:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/07/13 14:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/07/13 14:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/07/13 14:24	1
Chloroethane	ND		1.0	0.32	ug/L			03/07/13 14:24	1
Chloroform	ND		1.0	0.34	ug/L			03/07/13 14:24	1
Chloromethane	ND		1.0	0.35	ug/L			03/07/13 14:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/07/13 14:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/07/13 14:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/07/13 14:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/07/13 14:24	1
Styrene	ND		1.0	0.73	ug/L			03/07/13 14:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/07/13 14:24	1
Toluene	ND		1.0	0.51	ug/L			03/07/13 14:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/07/13 14:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/07/13 14:24	1
Trichloroethene	ND		1.0	0.46	ug/L			03/07/13 14:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/07/13 14:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/07/13 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*03/07/13 14:24*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*03/07/13 14:24*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*03/07/13 14:24*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: EW-75 030113

Lab Sample ID: 480-33727-2

Date Collected: 03/01/13 09:45
Date Received: 03/02/13 09:30

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/07/13 14:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/07/13 14:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/07/13 14:50	1
1,1-Dichloroethane	**1.2**		1.0	0.38	ug/L			03/07/13 14:50	1
1,1-Dichloroethene	**0.40**	**J**	1.0	0.29	ug/L			03/07/13 14:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/07/13 14:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/07/13 14:50	1
2-Hexanone	ND		5.0	1.2	ug/L			03/07/13 14:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/07/13 14:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/07/13 14:50	1
Acetone	ND		10	3.0	ug/L			03/07/13 14:50	1
Benzene	ND		1.0	0.41	ug/L			03/07/13 14:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/07/13 14:50	1
Bromoform	ND		1.0	0.26	ug/L			03/07/13 14:50	1
Bromomethane	ND		1.0	0.69	ug/L			03/07/13 14:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/07/13 14:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/07/13 14:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/07/13 14:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/07/13 14:50	1
Chloroethane	ND		1.0	0.32	ug/L			03/07/13 14:50	1
Chloroform	ND		1.0	0.34	ug/L			03/07/13 14:50	1
Chloromethane	ND		1.0	0.35	ug/L			03/07/13 14:50	1
cis-1,2-Dichloroethene	**62**		1.0	0.81	ug/L			03/07/13 14:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/07/13 14:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/07/13 14:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/07/13 14:50	1
Styrene	ND		1.0	0.73	ug/L			03/07/13 14:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/07/13 14:50	1
Toluene	ND		1.0	0.51	ug/L			03/07/13 14:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/07/13 14:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/07/13 14:50	1
Trichloroethene	ND		1.0	0.46	ug/L			03/07/13 14:50	1
Vinyl chloride	**90**		1.0	0.90	ug/L			03/07/13 14:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/07/13 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*03/07/13 14:50*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*03/07/13 14:50*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*03/07/13 14:50*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: EW-8D 030113

Lab Sample ID: 480-33727-3

Date Collected: 03/01/13 09:50

Matrix: Water

Date Received: 03/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/07/13 15:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/07/13 15:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/07/13 15:14	1
1,1-Dichloroethane	**1.7**		1.0	0.38	ug/L			03/07/13 15:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/07/13 15:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/07/13 15:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/07/13 15:14	1
2-Hexanone	ND		5.0	1.2	ug/L			03/07/13 15:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/07/13 15:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/07/13 15:14	1
Acetone	ND		10	3.0	ug/L			03/07/13 15:14	1
Benzene	ND		1.0	0.41	ug/L			03/07/13 15:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/07/13 15:14	1
Bromoform	ND		1.0	0.26	ug/L			03/07/13 15:14	1
Bromomethane	ND		1.0	0.69	ug/L			03/07/13 15:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/07/13 15:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/07/13 15:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/07/13 15:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/07/13 15:14	1
Chloroethane	ND		1.0	0.32	ug/L			03/07/13 15:14	1
Chloroform	ND		1.0	0.34	ug/L			03/07/13 15:14	1
Chloromethane	ND		1.0	0.35	ug/L			03/07/13 15:14	1
cis-1,2-Dichloroethene	**6.7**		1.0	0.81	ug/L			03/07/13 15:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/07/13 15:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/07/13 15:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/07/13 15:14	1
Styrene	ND		1.0	0.73	ug/L			03/07/13 15:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/07/13 15:14	1
Toluene	ND		1.0	0.51	ug/L			03/07/13 15:14	1
trans-1,2-Dichloroethene	**3.5**		1.0	0.90	ug/L			03/07/13 15:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/07/13 15:14	1
Trichloroethene	ND		1.0	0.46	ug/L			03/07/13 15:14	1
Vinyl chloride	**11**		1.0	0.90	ug/L			03/07/13 15:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/07/13 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*03/07/13 15:14*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*03/07/13 15:14*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*03/07/13 15:14*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: EW-4P 030113

Lab Sample ID: 480-33727-4

Date Collected: 03/01/13 10:05

Matrix: Water

Date Received: 03/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**87**		4.0	3.3	ug/L			03/07/13 15:40	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			03/07/13 15:40	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			03/07/13 15:40	4
1,1-Dichloroethane	**15**		4.0	1.5	ug/L			03/07/13 15:40	4
1,1-Dichloroethene	**1.4**	**J**	4.0	1.2	ug/L			03/07/13 15:40	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			03/07/13 15:40	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			03/07/13 15:40	4
2-Hexanone	ND		20	5.0	ug/L			03/07/13 15:40	4
2-Butanone (MEK)	ND		40	5.3	ug/L			03/07/13 15:40	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			03/07/13 15:40	4
Acetone	ND		40	12	ug/L			03/07/13 15:40	4
Benzene	ND		4.0	1.6	ug/L			03/07/13 15:40	4
Bromodichloromethane	ND		4.0	1.6	ug/L			03/07/13 15:40	4
Bromoform	ND		4.0	1.0	ug/L			03/07/13 15:40	4
Bromomethane	ND		4.0	2.8	ug/L			03/07/13 15:40	4
Carbon disulfide	ND		4.0	0.76	ug/L			03/07/13 15:40	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			03/07/13 15:40	4
Chlorobenzene	ND		4.0	3.0	ug/L			03/07/13 15:40	4
Dibromochloromethane	ND		4.0	1.3	ug/L			03/07/13 15:40	4
Chloroethane	ND		4.0	1.3	ug/L			03/07/13 15:40	4
Chloroform	ND		4.0	1.4	ug/L			03/07/13 15:40	4
Chloromethane	ND		4.0	1.4	ug/L			03/07/13 15:40	4
cis-1,2-Dichloroethene	**4.2**		4.0	3.2	ug/L			03/07/13 15:40	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/07/13 15:40	4
Ethylbenzene	ND		4.0	3.0	ug/L			03/07/13 15:40	4
Methylene Chloride	ND		4.0	1.8	ug/L			03/07/13 15:40	4
Styrene	ND		4.0	2.9	ug/L			03/07/13 15:40	4
Tetrachloroethene	ND		4.0	1.4	ug/L			03/07/13 15:40	4
Toluene	ND		4.0	2.0	ug/L			03/07/13 15:40	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			03/07/13 15:40	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/07/13 15:40	4
Trichloroethene	**250**		4.0	1.8	ug/L			03/07/13 15:40	4
Vinyl chloride	ND		4.0	3.6	ug/L			03/07/13 15:40	4
Xylenes, Total	ND		8.0	2.6	ug/L			03/07/13 15:40	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*03/07/13 15:40*	*4*
Toluene-d8 (Surr)	*98*		*71 - 126*		*03/07/13 15:40*	*4*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*03/07/13 15:40*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: EW-5P 030113

Lab Sample ID: 480-33727-5

Date Collected: 03/01/13 10:10
Matrix: Water
Date Received: 03/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**120**		5.0	4.1	ug/L			03/07/13 16:05	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			03/07/13 16:05	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			03/07/13 16:05	5
1,1-Dichloroethane	**16**		5.0	1.9	ug/L			03/07/13 16:05	5
1,1-Dichloroethene	**5.3**		5.0	1.5	ug/L			03/07/13 16:05	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			03/07/13 16:05	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			03/07/13 16:05	5
2-Hexanone	ND		25	6.2	ug/L			03/07/13 16:05	5
2-Butanone (MEK)	ND		50	6.6	ug/L			03/07/13 16:05	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			03/07/13 16:05	5
Acetone	ND		50	15	ug/L			03/07/13 16:05	5
Benzene	ND		5.0	2.1	ug/L			03/07/13 16:05	5
Bromodichloromethane	ND		5.0	2.0	ug/L			03/07/13 16:05	5
Bromoform	ND		5.0	1.3	ug/L			03/07/13 16:05	5
Bromomethane	ND		5.0	3.5	ug/L			03/07/13 16:05	5
Carbon disulfide	ND		5.0	0.95	ug/L			03/07/13 16:05	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			03/07/13 16:05	5
Chlorobenzene	ND		5.0	3.8	ug/L			03/07/13 16:05	5
Dibromochloromethane	ND		5.0	1.6	ug/L			03/07/13 16:05	5
Chloroethane	ND		5.0	1.6	ug/L			03/07/13 16:05	5
Chloroform	ND		5.0	1.7	ug/L			03/07/13 16:05	5
Chloromethane	ND		5.0	1.8	ug/L			03/07/13 16:05	5
cis-1,2-Dichloroethene	**20**		5.0	4.1	ug/L			03/07/13 16:05	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			03/07/13 16:05	5
Ethylbenzene	ND		5.0	3.7	ug/L			03/07/13 16:05	5
Methylene Chloride	ND		5.0	2.2	ug/L			03/07/13 16:05	5
Styrene	ND		5.0	3.7	ug/L			03/07/13 16:05	5
Tetrachloroethene	ND		5.0	1.8	ug/L			03/07/13 16:05	5
Toluene	ND		5.0	2.6	ug/L			03/07/13 16:05	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			03/07/13 16:05	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			03/07/13 16:05	5
Trichloroethene	**250**		5.0	2.3	ug/L			03/07/13 16:05	5
Vinyl chloride	**11**		5.0	4.5	ug/L			03/07/13 16:05	5
Xylenes, Total	ND		10	3.3	ug/L			03/07/13 16:05	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*03/07/13 16:05*	*5*
Toluene-d8 (Surr)	*97*		*71 - 126*		*03/07/13 16:05*	*5*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*03/07/13 16:05*	*5*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: EW-2P 030113

Lab Sample ID: 480-33727-6

Date Collected: 03/01/13 10:20
Matrix: Water
Date Received: 03/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**110**		5.0	4.1	ug/L			03/07/13 16:30	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			03/07/13 16:30	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			03/07/13 16:30	5
1,1-Dichloroethane	**15**		5.0	1.9	ug/L			03/07/13 16:30	5
1,1-Dichloroethene	**4.2**	**J**	5.0	1.5	ug/L			03/07/13 16:30	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			03/07/13 16:30	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			03/07/13 16:30	5
2-Hexanone	ND		25	6.2	ug/L			03/07/13 16:30	5
2-Butanone (MEK)	ND		50	6.6	ug/L			03/07/13 16:30	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			03/07/13 16:30	5
Acetone	ND		50	15	ug/L			03/07/13 16:30	5
Benzene	ND		5.0	2.1	ug/L			03/07/13 16:30	5
Bromodichloromethane	ND		5.0	2.0	ug/L			03/07/13 16:30	5
Bromoform	ND		5.0	1.3	ug/L			03/07/13 16:30	5
Bromomethane	ND		5.0	3.5	ug/L			03/07/13 16:30	5
Carbon disulfide	ND		5.0	0.95	ug/L			03/07/13 16:30	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			03/07/13 16:30	5
Chlorobenzene	ND		5.0	3.8	ug/L			03/07/13 16:30	5
Dibromochloromethane	ND		5.0	1.6	ug/L			03/07/13 16:30	5
Chloroethane	ND		5.0	1.6	ug/L			03/07/13 16:30	5
Chloroform	ND		5.0	1.7	ug/L			03/07/13 16:30	5
Chloromethane	ND		5.0	1.8	ug/L			03/07/13 16:30	5
cis-1,2-Dichloroethene	**18**		5.0	4.1	ug/L			03/07/13 16:30	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			03/07/13 16:30	5
Ethylbenzene	ND		5.0	3.7	ug/L			03/07/13 16:30	5
Methylene Chloride	ND		5.0	2.2	ug/L			03/07/13 16:30	5
Styrene	ND		5.0	3.7	ug/L			03/07/13 16:30	5
Tetrachloroethene	ND		5.0	1.8	ug/L			03/07/13 16:30	5
Toluene	ND		5.0	2.6	ug/L			03/07/13 16:30	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			03/07/13 16:30	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			03/07/13 16:30	5
Trichloroethene	**300**		5.0	2.3	ug/L			03/07/13 16:30	5
Vinyl chloride	ND		5.0	4.5	ug/L			03/07/13 16:30	5
Xylenes, Total	ND		10	3.3	ug/L			03/07/13 16:30	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*66 - 137*		*03/07/13 16:30*	*5*
Toluene-d8 (Surr)	*97*		*71 - 126*		*03/07/13 16:30*	*5*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*03/07/13 16:30*	*5*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: EW-6P 030113

Lab Sample ID: 480-33727-7

Date Collected: 03/01/13 10:35
Matrix: Water
Date Received: 03/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**65**		4.0	3.3	ug/L			03/07/13 16:55	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			03/07/13 16:55	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			03/07/13 16:55	4
1,1-Dichloroethane	**7.6**		4.0	1.5	ug/L			03/07/13 16:55	4
1,1-Dichloroethene	**2.1**	**J**	4.0	1.2	ug/L			03/07/13 16:55	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			03/07/13 16:55	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			03/07/13 16:55	4
2-Hexanone	ND		20	5.0	ug/L			03/07/13 16:55	4
2-Butanone (MEK)	ND		40	5.3	ug/L			03/07/13 16:55	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			03/07/13 16:55	4
Acetone	ND		40	12	ug/L			03/07/13 16:55	4
Benzene	ND		4.0	1.6	ug/L			03/07/13 16:55	4
Bromodichloromethane	ND		4.0	1.6	ug/L			03/07/13 16:55	4
Bromoform	ND		4.0	1.0	ug/L			03/07/13 16:55	4
Bromomethane	ND		4.0	2.8	ug/L			03/07/13 16:55	4
Carbon disulfide	ND		4.0	0.76	ug/L			03/07/13 16:55	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			03/07/13 16:55	4
Chlorobenzene	ND		4.0	3.0	ug/L			03/07/13 16:55	4
Dibromochloromethane	ND		4.0	1.3	ug/L			03/07/13 16:55	4
Chloroethane	ND		4.0	1.3	ug/L			03/07/13 16:55	4
Chloroform	ND		4.0	1.4	ug/L			03/07/13 16:55	4
Chloromethane	ND		4.0	1.4	ug/L			03/07/13 16:55	4
cis-1,2-Dichloroethene	**12**		4.0	3.2	ug/L			03/07/13 16:55	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/07/13 16:55	4
Ethylbenzene	ND		4.0	3.0	ug/L			03/07/13 16:55	4
Methylene Chloride	ND		4.0	1.8	ug/L			03/07/13 16:55	4
Styrene	ND		4.0	2.9	ug/L			03/07/13 16:55	4
Tetrachloroethene	ND		4.0	1.4	ug/L			03/07/13 16:55	4
Toluene	ND		4.0	2.0	ug/L			03/07/13 16:55	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			03/07/13 16:55	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/07/13 16:55	4
Trichloroethene	**190**		4.0	1.8	ug/L			03/07/13 16:55	4
Vinyl chloride	ND		4.0	3.6	ug/L			03/07/13 16:55	4
Xylenes, Total	ND		8.0	2.6	ug/L			03/07/13 16:55	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*03/07/13 16:55*	*4*
Toluene-d8 (Surr)	*96*		*71 - 126*		*03/07/13 16:55*	*4*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*03/07/13 16:55*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: ADW-100 030113

Lab Sample ID: 480-33727-8

Date Collected: 03/01/13 10:40
Matrix: Water
Date Received: 03/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			03/07/13 17:21	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			03/07/13 17:21	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			03/07/13 17:21	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			03/07/13 17:21	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			03/07/13 17:21	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			03/07/13 17:21	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			03/07/13 17:21	4
2-Hexanone	ND		20	5.0	ug/L			03/07/13 17:21	4
2-Butanone (MEK)	ND		40	5.3	ug/L			03/07/13 17:21	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			03/07/13 17:21	4
Acetone	ND		40	12	ug/L			03/07/13 17:21	4
Benzene	**1.7**	**J**	4.0	1.6	ug/L			03/07/13 17:21	4
Bromodichloromethane	ND		4.0	1.6	ug/L			03/07/13 17:21	4
Bromoform	ND		4.0	1.0	ug/L			03/07/13 17:21	4
Bromomethane	ND		4.0	2.8	ug/L			03/07/13 17:21	4
Carbon disulfide	ND		4.0	0.76	ug/L			03/07/13 17:21	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			03/07/13 17:21	4
Chlorobenzene	ND		4.0	3.0	ug/L			03/07/13 17:21	4
Dibromochloromethane	ND		4.0	1.3	ug/L			03/07/13 17:21	4
Chloroethane	ND		4.0	1.3	ug/L			03/07/13 17:21	4
Chloroform	ND		4.0	1.4	ug/L			03/07/13 17:21	4
Chloromethane	ND		4.0	1.4	ug/L			03/07/13 17:21	4
cis-1,2-Dichloroethene	**220**		4.0	3.2	ug/L			03/07/13 17:21	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/07/13 17:21	4
Ethylbenzene	ND		4.0	3.0	ug/L			03/07/13 17:21	4
Methylene Chloride	ND		4.0	1.8	ug/L			03/07/13 17:21	4
Styrene	ND		4.0	2.9	ug/L			03/07/13 17:21	4
Tetrachloroethene	ND		4.0	1.4	ug/L			03/07/13 17:21	4
Toluene	ND		4.0	2.0	ug/L			03/07/13 17:21	4
trans-1,2-Dichloroethene	**44**		4.0	3.6	ug/L			03/07/13 17:21	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/07/13 17:21	4
Trichloroethene	**290**		4.0	1.8	ug/L			03/07/13 17:21	4
Vinyl chloride	**4.4**		4.0	3.6	ug/L			03/07/13 17:21	4
Xylenes, Total	ND		8.0	2.6	ug/L			03/07/13 17:21	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*03/07/13 17:21*	*4*
Toluene-d8 (Surr)	*98*		*71 - 126*		*03/07/13 17:21*	*4*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*03/07/13 17:21*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: EW-3D 030113

Lab Sample ID: 480-33727-9

Date Collected: 03/01/13 10:45
Matrix: Water
Date Received: 03/02/13 09:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			03/07/13 17:46	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			03/07/13 17:46	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			03/07/13 17:46	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			03/07/13 17:46	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			03/07/13 17:46	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			03/07/13 17:46	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			03/07/13 17:46	4
2-Hexanone	ND		20	5.0	ug/L			03/07/13 17:46	4
2-Butanone (MEK)	ND		40	5.3	ug/L			03/07/13 17:46	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			03/07/13 17:46	4
Acetone	ND		40	12	ug/L			03/07/13 17:46	4
Benzene	**1.8**	**J**	4.0	1.6	ug/L			03/07/13 17:46	4
Bromodichloromethane	ND		4.0	1.6	ug/L			03/07/13 17:46	4
Bromoform	ND		4.0	1.0	ug/L			03/07/13 17:46	4
Bromomethane	ND		4.0	2.8	ug/L			03/07/13 17:46	4
Carbon disulfide	ND		4.0	0.76	ug/L			03/07/13 17:46	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			03/07/13 17:46	4
Chlorobenzene	ND		4.0	3.0	ug/L			03/07/13 17:46	4
Dibromochloromethane	ND		4.0	1.3	ug/L			03/07/13 17:46	4
Chloroethane	ND		4.0	1.3	ug/L			03/07/13 17:46	4
Chloroform	ND		4.0	1.4	ug/L			03/07/13 17:46	4
Chloromethane	ND		4.0	1.4	ug/L			03/07/13 17:46	4
cis-1,2-Dichloroethene	**210**		4.0	3.2	ug/L			03/07/13 17:46	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/07/13 17:46	4
Ethylbenzene	ND		4.0	3.0	ug/L			03/07/13 17:46	4
Methylene Chloride	ND		4.0	1.8	ug/L			03/07/13 17:46	4
Styrene	ND		4.0	2.9	ug/L			03/07/13 17:46	4
Tetrachloroethene	ND		4.0	1.4	ug/L			03/07/13 17:46	4
Toluene	ND		4.0	2.0	ug/L			03/07/13 17:46	4
trans-1,2-Dichloroethene	**44**		4.0	3.6	ug/L			03/07/13 17:46	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/07/13 17:46	4
Trichloroethene	**290**		4.0	1.8	ug/L			03/07/13 17:46	4
Vinyl chloride	**4.4**		4.0	3.6	ug/L			03/07/13 17:46	4
Xylenes, Total	ND		8.0	2.6	ug/L			03/07/13 17:46	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*03/07/13 17:46*	*4*
Toluene-d8 (Surr)	*99*		*71 - 126*		*03/07/13 17:46*	*4*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*03/07/13 17:46*	*4*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-33727-1	Trip Blank	106	96	93
480-33727-2	EW-75 030113	104	97	95
480-33727-3	EW-8D 030113	108	96	94
480-33727-4	EW-4P 030113	108	98	96
480-33727-5	EW-5P 030113	107	97	93
480-33727-6	EW-2P 030113	111	97	93
480-33727-7	EW-6P 030113	107	96	93
480-33727-8	ADW-100 030113	105	98	93
480-33727-9	EW-3D 030113	107	99	94
480-33727-9 MS	EW-3D 030113	101	101	100
480-33727-9 MSD	EW-3D 030113	97	99	101
LCS 480-106233/4	Lab Control Sample	99	101	101
MB 480-106233/5	Method Blank	102	98	100

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-106233/5
Matrix: Water
Analysis Batch: 106233

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/07/13 11:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/07/13 11:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/07/13 11:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/07/13 11:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/07/13 11:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/07/13 11:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/07/13 11:36	1
2-Hexanone	ND		5.0	1.2	ug/L			03/07/13 11:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/07/13 11:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/07/13 11:36	1
Acetone	ND		10	3.0	ug/L			03/07/13 11:36	1
Benzene	ND		1.0	0.41	ug/L			03/07/13 11:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/07/13 11:36	1
Bromoform	ND		1.0	0.26	ug/L			03/07/13 11:36	1
Bromomethane	ND		1.0	0.69	ug/L			03/07/13 11:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/07/13 11:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/07/13 11:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/07/13 11:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/07/13 11:36	1
Chloroethane	ND		1.0	0.32	ug/L			03/07/13 11:36	1
Chloroform	ND		1.0	0.34	ug/L			03/07/13 11:36	1
Chloromethane	ND		1.0	0.35	ug/L			03/07/13 11:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/07/13 11:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/07/13 11:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/07/13 11:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/07/13 11:36	1
Styrene	ND		1.0	0.73	ug/L			03/07/13 11:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/07/13 11:36	1
Toluene	ND		1.0	0.51	ug/L			03/07/13 11:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/07/13 11:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/07/13 11:36	1
Trichloroethene	ND		1.0	0.46	ug/L			03/07/13 11:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/07/13 11:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/07/13 11:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*03/07/13 11:36*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*03/07/13 11:36*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/07/13 11:36*	*1*

Lab Sample ID: LCS 480-106233/4
Matrix: Water
Analysis Batch: 106233

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	22.9		ug/L		92	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.1		ug/L		88	70 - 126
1,1,2-Trichloroethane	25.0	22.2		ug/L		89	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-106233/4
Matrix: Water
Analysis Batch: 106233

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.8		ug/L		91	71 - 129
1,1-Dichloroethene	25.0	23.3		ug/L		93	58 - 121
1,2-Dichloroethane	25.0	22.8		ug/L		91	75 - 127
1,2-Dichloropropane	25.0	23.2		ug/L		93	76 - 120
2-Hexanone	125	127		ug/L		102	65 - 127
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	122		ug/L		97	56 - 142
Benzene	25.0	23.3		ug/L		93	71 - 124
Bromodichloromethane	25.0	23.0		ug/L		92	80 - 122
Bromoform	25.0	22.0		ug/L		88	66 - 128
Bromomethane	25.0	22.9		ug/L		92	55 - 144
Carbon disulfide	25.0	23.1		ug/L		92	59 - 134
Carbon tetrachloride	25.0	22.8		ug/L		91	72 - 134
Chlorobenzene	25.0	22.8		ug/L		91	72 - 120
Dibromochloromethane	25.0	22.2		ug/L		89	75 - 125
Chloroethane	25.0	23.8		ug/L		95	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	23.3		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	23.3		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	23.2		ug/L		93	74 - 124
Ethylbenzene	25.0	23.8		ug/L		95	77 - 123
Methylene Chloride	25.0	22.7		ug/L		91	57 - 132
Styrene	25.0	25.7		ug/L		103	70 - 130
Tetrachloroethene	25.0	23.5		ug/L		94	74 - 122
Toluene	25.0	23.3		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	73 - 127
trans-1,3-Dichloropropene	25.0	23.1		ug/L		92	72 - 123
Trichloroethene	25.0	23.1		ug/L		93	74 - 123
Vinyl chloride	25.0	25.4		ug/L		102	65 - 133
Xylenes, Total	75.0	75.1		ug/L		100	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*
Toluene-d8 (Surr)	*101*		*71 - 126*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*

Lab Sample ID: 480-33727-9 MS
Matrix: Water
Analysis Batch: 106233

Client Sample ID: EW-3D 030113
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		100	100		ug/L		100	73 - 126
1,1,2,2-Tetrachloroethane	ND		100	91.4		ug/L		91	70 - 126
1,1,2-Trichloroethane	ND		100	95.2		ug/L		95	76 - 122
1,1-Dichloroethane	ND		100	103		ug/L		103	71 - 129
1,1-Dichloroethene	ND		100	104		ug/L		104	58 - 121
1,2-Dichloroethane	ND		100	97.3		ug/L		97	75 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33727-9 MS
Matrix: Water
Analysis Batch: 106233

Client Sample ID: EW-3D 030113
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	ND		100	99.8		ug/L		100	76 - 120
2-Hexanone	ND		500	557		ug/L		111	65 - 127
2-Butanone (MEK)	ND		500	553		ug/L		111	57 - 140
4-Methyl-2-pentanone (MIBK)	ND		500	544		ug/L		109	71 - 125
Acetone	ND		500	562		ug/L		112	56 - 142
Benzene	1.8	J	100	102		ug/L		100	71 - 124
Bromodichloromethane	ND		100	97.7		ug/L		98	80 - 122
Bromoform	ND		100	93.7		ug/L		94	66 - 128
Bromomethane	ND		100	102		ug/L		102	55 - 144
Carbon disulfide	ND		100	113		ug/L		113	59 - 134
Carbon tetrachloride	ND		100	104		ug/L		104	72 - 134
Chlorobenzene	ND		100	97.1		ug/L		97	72 - 120
Dibromochloromethane	ND		100	95.0		ug/L		95	75 - 125
Chloroethane	ND		100	105		ug/L		105	69 - 136
Chloroform	ND		100	100		ug/L		100	73 - 127
Chloromethane	ND		100	103		ug/L		103	68 - 124
cis-1,2-Dichloroethene	210		100	297		ug/L		84	74 - 124
cis-1,3-Dichloropropene	ND		100	94.8		ug/L		95	74 - 124
Ethylbenzene	ND		100	99.2		ug/L		99	77 - 123
Methylene Chloride	ND		100	97.7		ug/L		98	57 - 132
Styrene	ND		100	107		ug/L		107	70 - 130
Tetrachloroethene	ND		100	102		ug/L		102	74 - 122
Toluene	ND		100	97.1		ug/L		97	80 - 122
trans-1,2-Dichloroethene	44		100	141		ug/L		97	73 - 127
trans-1,3-Dichloropropene	ND		100	88.2		ug/L		88	72 - 123
Trichloroethene	290		100	338	F	ug/L		50	74 - 123
Vinyl chloride	4.4		100	117		ug/L		113	65 - 133
Xylenes, Total	ND		300	314		ug/L		105	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*
Toluene-d8 (Surr)	*101*		*71 - 126*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*

Lab Sample ID: 480-33727-9 MSD
Matrix: Water
Analysis Batch: 106233

Client Sample ID: EW-3D 030113
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		100	94.3		ug/L		94	73 - 126	6	15
1,1,2,2-Tetrachloroethane	ND		100	88.7		ug/L		89	70 - 126	3	15
1,1,2-Trichloroethane	ND		100	92.5		ug/L		93	76 - 122	3	15
1,1-Dichloroethane	ND		100	96.0		ug/L		96	71 - 129	7	20
1,1-Dichloroethene	ND		100	95.9		ug/L		96	58 - 121	8	16
1,2-Dichloroethane	ND		100	93.1		ug/L		93	75 - 127	4	20
1,2-Dichloropropane	ND		100	94.9		ug/L		95	76 - 120	5	20
2-Hexanone	ND		500	555		ug/L		111	65 - 127	0	15
2-Butanone (MEK)	ND		500	549		ug/L		110	57 - 140	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-33727-9 MSD
Matrix: Water
Analysis Batch: 106233

Client Sample ID: EW-3D 030113
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	ND		500	537		ug/L		107	71 - 125	1	35
Acetone	ND		500	547		ug/L		109	56 - 142	3	15
Benzene	1.8	J	100	95.6		ug/L		94	71 - 124	6	13
Bromodichloromethane	ND		100	93.5		ug/L		94	80 - 122	4	15
Bromoform	ND		100	92.4		ug/L		92	66 - 128	1	15
Bromomethane	ND		100	93.4		ug/L		93	55 - 144	9	15
Carbon disulfide	ND		100	106		ug/L		106	59 - 134	6	15
Carbon tetrachloride	ND		100	96.0		ug/L		96	72 - 134	8	15
Chlorobenzene	ND		100	94.2		ug/L		94	72 - 120	3	25
Dibromochloromethane	ND		100	92.7		ug/L		93	75 - 125	2	15
Chloroethane	ND		100	97.3		ug/L		97	69 - 136	8	15
Chloroform	ND		100	93.3		ug/L		93	73 - 127	7	20
Chloromethane	ND		100	95.1		ug/L		95	68 - 124	8	15
cis-1,2-Dichloroethene	210		100	278	F	ug/L		65	74 - 124	7	15
cis-1,3-Dichloropropene	ND		100	92.2		ug/L		92	74 - 124	3	15
Ethylbenzene	ND		100	95.8		ug/L		96	77 - 123	3	15
Methylene Chloride	ND		100	92.8		ug/L		93	57 - 132	5	15
Styrene	ND		100	103		ug/L		103	70 - 130	3	20
Tetrachloroethene	ND		100	95.0		ug/L		95	74 - 122	7	20
Toluene	ND		100	94.4		ug/L		94	80 - 122	3	15
trans-1,2-Dichloroethene	44		100	133		ug/L		89	73 - 127	6	20
trans-1,3-Dichloropropene	ND		100	86.8		ug/L		87	72 - 123	2	15
Trichloroethene	290		100	318	F	ug/L		30	74 - 123	6	16
Vinyl chloride	4.4		100	109		ug/L		104	65 - 133	8	15
Xylenes, Total	ND		300	302		ug/L		101	76 - 122	4	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
Toluene-d8 (Surr)	*99*		*71 - 126*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

GC/MS VOA

Analysis Batch: 106233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-33727-1	Trip Blank	Total/NA	Water	8260B	
480-33727-2	EW-75 030113	Total/NA	Water	8260B	
480-33727-3	EW-8D 030113	Total/NA	Water	8260B	
480-33727-4	EW-4P 030113	Total/NA	Water	8260B	
480-33727-5	EW-5P 030113	Total/NA	Water	8260B	
480-33727-6	EW-2P 030113	Total/NA	Water	8260B	
480-33727-7	EW-6P 030113	Total/NA	Water	8260B	
480-33727-8	ADW-100 030113	Total/NA	Water	8260B	
480-33727-9	EW-3D 030113	Total/NA	Water	8260B	
480-33727-9 MS	EW-3D 030113	Total/NA	Water	8260B	
480-33727-9 MSD	EW-3D 030113	Total/NA	Water	8260B	
LCS 480-106233/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-106233/5	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: Trip Blank — Lab Sample ID: 480-33727-1

Date Collected: 03/01/13 00:00 — **Matrix: Water**
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	106233	03/07/13 14:24	CDC	TAL BUF

Client Sample ID: EW-75 030113 — Lab Sample ID: 480-33727-2

Date Collected: 03/01/13 09:45 — **Matrix: Water**
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	106233	03/07/13 14:50	CDC	TAL BUF

Client Sample ID: EW-8D 030113 — Lab Sample ID: 480-33727-3

Date Collected: 03/01/13 09:50 — **Matrix: Water**
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	106233	03/07/13 15:14	CDC	TAL BUF

Client Sample ID: EW-4P 030113 — Lab Sample ID: 480-33727-4

Date Collected: 03/01/13 10:05 — **Matrix: Water**
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	106233	03/07/13 15:40	CDC	TAL BUF

Client Sample ID: EW-5P 030113 — Lab Sample ID: 480-33727-5

Date Collected: 03/01/13 10:10 — **Matrix: Water**
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	106233	03/07/13 16:05	CDC	TAL BUF

Client Sample ID: EW-2P 030113 — Lab Sample ID: 480-33727-6

Date Collected: 03/01/13 10:20 — **Matrix: Water**
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	106233	03/07/13 16:30	CDC	TAL BUF

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Client Sample ID: EW-6P 030113

Lab Sample ID: 480-33727-7

Date Collected: 03/01/13 10:35
Matrix: Water
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	106233	03/07/13 16:55	CDC	TAL BUF

Client Sample ID: ADW-100 030113

Lab Sample ID: 480-33727-8

Date Collected: 03/01/13 10:40
Matrix: Water
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	106233	03/07/13 17:21	CDC	TAL BUF

Client Sample ID: EW-3D 030113

Lab Sample ID: 480-33727-9

Date Collected: 03/01/13 10:45
Matrix: Water
Date Received: 03/02/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	106233	03/07/13 17:46	CDC	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-33727-1
SDG: 480-33726

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-33727-1	Trip Blank	Water	03/01/13 00:00	03/02/13 09:30
480-33727-2	EW-75 030113	Water	03/01/13 09:45	03/02/13 09:30
480-33727-3	EW-8D 030113	Water	03/01/13 09:50	03/02/13 09:30
480-33727-4	EW-4P 030113	Water	03/01/13 10:05	03/02/13 09:30
480-33727-5	EW-5P 030113	Water	03/01/13 10:10	03/02/13 09:30
480-33727-6	EW-2P 030113	Water	03/01/13 10:20	03/02/13 09:30
480-33727-7	EW-6P 030113	Water	03/01/13 10:35	03/02/13 09:30
480-33727-8	ADW-100 030113	Water	03/01/13 10:40	03/02/13 09:30
480-33727-9	EW-3D 030113	Water	03/01/13 10:45	03/02/13 09:30

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: O'Brien & Gere	Client Project Manager: Tony Finch	Site Contact: Mike McLaughlin	Lab Contact: John Schove	COC No: 59797
Address: 8805 Governors Hill Dr	Telephone: 248-477-5701	Telephone: 513-319-3860	Telephone: 716-504-9838	1 of 1 COCs
City/State/Zip: Cincinnati, OH 45042	Email: Anthony.Finch@obg.com	Analysis Turnaround Time (in BUS days)		For lab use only
Phone: 513-697-2020		LAT if different from below ____		Walk-in client ☐
Project Name: GE IRM Project	Method of Shipment/Carrier:	☐ 3 weeks ☒ 2 weeks ☐ 1 week		Lab pickup ☐
Project Number: 48566	Shipping/Tracking No:	☐ 2 days ☐ 1 day		Lab sampling ☐
PO # 1121 0086				Job/SDG No.

Analyses: VOCs (8260B)

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs (8260B)	Sample Specific Notes / Special Instructions:
Trip Blank	3/1-13			2						X					N	G	X	
EW-7S 030113	↓	9:45		3						X					N	G	X	
EW-8D 030113		9:50		3						X					N	G	X	
EW-4P 030113		10:05		3						X					N	G	X	
EW-5P 030113		10:10		3						X					N	G	X	
EW-2P 030113		10:20		3						X					N	G	X	
EW-6P 030113		10:35		3						X					N	G	X	
ADW-100-030113		10:40		3						X					N	G	X	
EW-3D-030113 (MS/MSD)	↓	10:45		9						X					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments: Analyze per QAPP; Level III data Package

Relinquished by:	Company	Date/Time	Received by	Company	Date/Time
Mike McLaughlin	OBG	3/1/13 12:20	[signature]	TestAmer	3/1/13 1230
[signature]	TestAmer	3/1/13 1230	[signature]	TA BUFFALO	3/2/13 0930
			Received in Laboratory by:		

#3 4.2

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TAL 0018-1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-33727-1
SDG Number: 480-33726

Login Number: 33727
List Number: 1
Creator: Janish, Carl

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-34495-1
Client Project/Site: GE - Evendale, OH site

For:
O'Brien & Gere Inc of North America
37000 Grand River Ave
Suite 260
Farmington Hills, Michigan 48335

Attn: Mr. Tony Finch

Authorized for release by:
3/25/2013 5:04:43 PM
Robert Wienke
Project Administrator
robert.wienke@testamericainc.com

Designee for

John Schove
Project Manager I
john.schove@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-34495-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-34495-1

Comments
No additional comments.

Receipt
The samples were received on 3/15/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.8º C.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: INFLUENT 031313 (480-34495-2), MIXING TANK 031313 (480-34495-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample (LCS) for batch 108049 exceeded control limits for the following analyte(s): 2-Butanone. This analyte has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

Client Sample ID: Trip Blank — Lab Sample ID: 480-34495-1

No Detections

Client Sample ID: INFLUENT 031313 — Lab Sample ID: 480-34495-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	44		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	6.6		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.2	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	55		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	7.5		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	160		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	16		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: MIXING TANK 031313 — Lab Sample ID: 480-34495-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	50		4.0	3.3	ug/L	4		8260B	Total/NA
1,1-Dichloroethane	7.8		4.0	1.5	ug/L	4		8260B	Total/NA
1,1-Dichloroethene	2.5	J	4.0	1.2	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	50		4.0	3.2	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	7.4		4.0	3.6	ug/L	4		8260B	Total/NA
Trichloroethene	170		4.0	1.8	ug/L	4		8260B	Total/NA
Vinyl chloride	14		4.0	3.6	ug/L	4		8260B	Total/NA

Client Sample ID: EFFLUENT 031313 — Lab Sample ID: 480-34495-4

No Detections

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-34495-1

Date Collected: 03/13/13 00:00

Matrix: Water

Date Received: 03/15/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/19/13 15:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/19/13 15:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/19/13 15:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/19/13 15:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/19/13 15:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/19/13 15:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/19/13 15:43	1
2-Hexanone	ND		5.0	1.2	ug/L			03/19/13 15:43	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			03/19/13 15:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/19/13 15:43	1
Acetone	ND		10	3.0	ug/L			03/19/13 15:43	1
Benzene	ND		1.0	0.41	ug/L			03/19/13 15:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/19/13 15:43	1
Bromoform	ND		1.0	0.26	ug/L			03/19/13 15:43	1
Bromomethane	ND		1.0	0.69	ug/L			03/19/13 15:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/19/13 15:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/19/13 15:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/19/13 15:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/19/13 15:43	1
Chloroethane	ND		1.0	0.32	ug/L			03/19/13 15:43	1
Chloroform	ND		1.0	0.34	ug/L			03/19/13 15:43	1
Chloromethane	ND		1.0	0.35	ug/L			03/19/13 15:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/19/13 15:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/19/13 15:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/19/13 15:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/19/13 15:43	1
Styrene	ND		1.0	0.73	ug/L			03/19/13 15:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/19/13 15:43	1
Toluene	ND		1.0	0.51	ug/L			03/19/13 15:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/19/13 15:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/19/13 15:43	1
Trichloroethene	ND		1.0	0.46	ug/L			03/19/13 15:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/19/13 15:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/19/13 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*03/19/13 15:43*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*03/19/13 15:43*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/19/13 15:43*	*1*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

Client Sample ID: INFLUENT 031313

Lab Sample ID: 480-34495-2

Date Collected: 03/13/13 05:45
Matrix: Water
Date Received: 03/15/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**44**		4.0	3.3	ug/L			03/19/13 16:07	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			03/19/13 16:07	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			03/19/13 16:07	4
1,1-Dichloroethane	**6.6**		4.0	1.5	ug/L			03/19/13 16:07	4
1,1-Dichloroethene	**2.2**	**J**	4.0	1.2	ug/L			03/19/13 16:07	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			03/19/13 16:07	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			03/19/13 16:07	4
2-Hexanone	ND		20	5.0	ug/L			03/19/13 16:07	4
2-Butanone (MEK)	ND	*	40	5.3	ug/L			03/19/13 16:07	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			03/19/13 16:07	4
Acetone	ND		40	12	ug/L			03/19/13 16:07	4
Benzene	ND		4.0	1.6	ug/L			03/19/13 16:07	4
Bromodichloromethane	ND		4.0	1.6	ug/L			03/19/13 16:07	4
Bromoform	ND		4.0	1.0	ug/L			03/19/13 16:07	4
Bromomethane	ND		4.0	2.8	ug/L			03/19/13 16:07	4
Carbon disulfide	ND		4.0	0.76	ug/L			03/19/13 16:07	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			03/19/13 16:07	4
Chlorobenzene	ND		4.0	3.0	ug/L			03/19/13 16:07	4
Dibromochloromethane	ND		4.0	1.3	ug/L			03/19/13 16:07	4
Chloroethane	ND		4.0	1.3	ug/L			03/19/13 16:07	4
Chloroform	ND		4.0	1.4	ug/L			03/19/13 16:07	4
Chloromethane	ND		4.0	1.4	ug/L			03/19/13 16:07	4
cis-1,2-Dichloroethene	**55**		4.0	3.2	ug/L			03/19/13 16:07	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/19/13 16:07	4
Ethylbenzene	ND		4.0	3.0	ug/L			03/19/13 16:07	4
Methylene Chloride	ND		4.0	1.8	ug/L			03/19/13 16:07	4
Styrene	ND		4.0	2.9	ug/L			03/19/13 16:07	4
Tetrachloroethene	ND		4.0	1.4	ug/L			03/19/13 16:07	4
Toluene	ND		4.0	2.0	ug/L			03/19/13 16:07	4
trans-1,2-Dichloroethene	**7.5**		4.0	3.6	ug/L			03/19/13 16:07	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/19/13 16:07	4
Trichloroethene	**160**		4.0	1.8	ug/L			03/19/13 16:07	4
Vinyl chloride	**16**		4.0	3.6	ug/L			03/19/13 16:07	4
Xylenes, Total	ND		8.0	2.6	ug/L			03/19/13 16:07	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*03/19/13 16:07*	*4*
Toluene-d8 (Surr)	*97*		*71 - 126*		*03/19/13 16:07*	*4*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/19/13 16:07*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

Client Sample ID: MIXING TANK 031313

Lab Sample ID: 480-34495-3

Date Collected: 03/13/13 05:50

Matrix: Water

Date Received: 03/15/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**50**		4.0	3.3	ug/L			03/19/13 16:31	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			03/19/13 16:31	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			03/19/13 16:31	4
1,1-Dichloroethane	**7.8**		4.0	1.5	ug/L			03/19/13 16:31	4
1,1-Dichloroethene	**2.5**	**J**	4.0	1.2	ug/L			03/19/13 16:31	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			03/19/13 16:31	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			03/19/13 16:31	4
2-Hexanone	ND		20	5.0	ug/L			03/19/13 16:31	4
2-Butanone (MEK)	ND	*	40	5.3	ug/L			03/19/13 16:31	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			03/19/13 16:31	4
Acetone	ND		40	12	ug/L			03/19/13 16:31	4
Benzene	ND		4.0	1.6	ug/L			03/19/13 16:31	4
Bromodichloromethane	ND		4.0	1.6	ug/L			03/19/13 16:31	4
Bromoform	ND		4.0	1.0	ug/L			03/19/13 16:31	4
Bromomethane	ND		4.0	2.8	ug/L			03/19/13 16:31	4
Carbon disulfide	ND		4.0	0.76	ug/L			03/19/13 16:31	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			03/19/13 16:31	4
Chlorobenzene	ND		4.0	3.0	ug/L			03/19/13 16:31	4
Dibromochloromethane	ND		4.0	1.3	ug/L			03/19/13 16:31	4
Chloroethane	ND		4.0	1.3	ug/L			03/19/13 16:31	4
Chloroform	ND		4.0	1.4	ug/L			03/19/13 16:31	4
Chloromethane	ND		4.0	1.4	ug/L			03/19/13 16:31	4
cis-1,2-Dichloroethene	**50**		4.0	3.2	ug/L			03/19/13 16:31	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			03/19/13 16:31	4
Ethylbenzene	ND		4.0	3.0	ug/L			03/19/13 16:31	4
Methylene Chloride	ND		4.0	1.8	ug/L			03/19/13 16:31	4
Styrene	ND		4.0	2.9	ug/L			03/19/13 16:31	4
Tetrachloroethene	ND		4.0	1.4	ug/L			03/19/13 16:31	4
Toluene	ND		4.0	2.0	ug/L			03/19/13 16:31	4
trans-1,2-Dichloroethene	**7.4**		4.0	3.6	ug/L			03/19/13 16:31	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			03/19/13 16:31	4
Trichloroethene	**170**		4.0	1.8	ug/L			03/19/13 16:31	4
Vinyl chloride	**14**		4.0	3.6	ug/L			03/19/13 16:31	4
Xylenes, Total	ND		8.0	2.6	ug/L			03/19/13 16:31	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*03/19/13 16:31*	*4*
Toluene-d8 (Surr)	*98*		*71 - 126*		*03/19/13 16:31*	*4*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*03/19/13 16:31*	*4*

Client Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

Client Sample ID: EFFLUENT 031313

Lab Sample ID: 480-34495-4

Date Collected: 03/13/13 06:00
Matrix: Water
Date Received: 03/15/13 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/19/13 16:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/19/13 16:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/19/13 16:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/19/13 16:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/19/13 16:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/19/13 16:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/19/13 16:55	1
2-Hexanone	ND		5.0	1.2	ug/L			03/19/13 16:55	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			03/19/13 16:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/19/13 16:55	1
Acetone	ND		10	3.0	ug/L			03/19/13 16:55	1
Benzene	ND		1.0	0.41	ug/L			03/19/13 16:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/19/13 16:55	1
Bromoform	ND		1.0	0.26	ug/L			03/19/13 16:55	1
Bromomethane	ND		1.0	0.69	ug/L			03/19/13 16:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/19/13 16:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/19/13 16:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/19/13 16:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/19/13 16:55	1
Chloroethane	ND		1.0	0.32	ug/L			03/19/13 16:55	1
Chloroform	ND		1.0	0.34	ug/L			03/19/13 16:55	1
Chloromethane	ND		1.0	0.35	ug/L			03/19/13 16:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/19/13 16:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/19/13 16:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/19/13 16:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/19/13 16:55	1
Styrene	ND		1.0	0.73	ug/L			03/19/13 16:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/19/13 16:55	1
Toluene	ND		1.0	0.51	ug/L			03/19/13 16:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/19/13 16:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/19/13 16:55	1
Trichloroethene	ND		1.0	0.46	ug/L			03/19/13 16:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/19/13 16:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/19/13 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*03/19/13 16:55*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*03/19/13 16:55*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*03/19/13 16:55*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-34495-1	Trip Blank	98	98	100
480-34495-2	INFLUENT 031313	98	97	99
480-34495-3	MIXING TANK 031313	99	98	101
480-34495-4	EFFLUENT 031313	98	98	98
LCS 480-108049/4	Lab Control Sample	98	98	102
MB 480-108049/7	Method Blank	96	98	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-108049/7
Matrix: Water
Analysis Batch: 108049

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/19/13 11:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/19/13 11:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/19/13 11:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/19/13 11:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/19/13 11:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/19/13 11:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/19/13 11:17	1
2-Hexanone	ND		5.0	1.2	ug/L			03/19/13 11:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/19/13 11:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/19/13 11:17	1
Acetone	ND		10	3.0	ug/L			03/19/13 11:17	1
Benzene	ND		1.0	0.41	ug/L			03/19/13 11:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/19/13 11:17	1
Bromoform	ND		1.0	0.26	ug/L			03/19/13 11:17	1
Bromomethane	ND		1.0	0.69	ug/L			03/19/13 11:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/19/13 11:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/19/13 11:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/19/13 11:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/19/13 11:17	1
Chloroethane	ND		1.0	0.32	ug/L			03/19/13 11:17	1
Chloroform	ND		1.0	0.34	ug/L			03/19/13 11:17	1
Chloromethane	ND		1.0	0.35	ug/L			03/19/13 11:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/19/13 11:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/19/13 11:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/19/13 11:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/19/13 11:17	1
Styrene	ND		1.0	0.73	ug/L			03/19/13 11:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/19/13 11:17	1
Toluene	ND		1.0	0.51	ug/L			03/19/13 11:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/19/13 11:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/19/13 11:17	1
Trichloroethene	ND		1.0	0.46	ug/L			03/19/13 11:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/19/13 11:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/19/13 11:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*03/19/13 11:17*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*03/19/13 11:17*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*03/19/13 11:17*	*1*

Lab Sample ID: LCS 480-108049/4
Matrix: Water
Analysis Batch: 108049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	24.3		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.1		ug/L		100	70 - 126
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	76 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-108049/4
Matrix: Water
Analysis Batch: 108049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	24.8		ug/L		99	71 - 129
1,1-Dichloroethene	25.0	24.6		ug/L		98	58 - 121
1,2-Dichloroethane	25.0	24.0		ug/L		96	75 - 127
1,2-Dichloropropane	25.0	24.4		ug/L		97	76 - 120
2-Hexanone	125	125		ug/L		100	65 - 127
2-Butanone (MEK)	125	182	*	ug/L		146	57 - 140
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125
Acetone	125	137		ug/L		109	56 - 142
Benzene	25.0	24.5		ug/L		98	71 - 124
Bromodichloromethane	25.0	24.3		ug/L		97	80 - 122
Bromoform	25.0	24.2		ug/L		97	66 - 128
Bromomethane	25.0	20.7		ug/L		83	55 - 144
Carbon disulfide	25.0	25.9		ug/L		104	59 - 134
Carbon tetrachloride	25.0	24.6		ug/L		99	72 - 134
Chlorobenzene	25.0	24.5		ug/L		98	72 - 120
Dibromochloromethane	25.0	24.9		ug/L		100	75 - 125
Chloroethane	25.0	24.9		ug/L		100	69 - 136
Chloroform	25.0	23.9		ug/L		95	73 - 127
Chloromethane	25.0	25.7		ug/L		103	68 - 124
cis-1,2-Dichloroethene	25.0	25.6		ug/L		103	74 - 124
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	74 - 124
Ethylbenzene	25.0	24.2		ug/L		97	77 - 123
Methylene Chloride	25.0	23.7		ug/L		95	57 - 132
Styrene	25.0	24.4		ug/L		98	70 - 130
Tetrachloroethene	25.0	25.6		ug/L		102	74 - 122
Toluene	25.0	24.3		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	25.3		ug/L		101	73 - 127
trans-1,3-Dichloropropene	25.0	24.1		ug/L		96	72 - 123
Trichloroethene	25.0	25.2		ug/L		101	74 - 123
Vinyl chloride	25.0	24.1		ug/L		97	65 - 133
Xylenes, Total	75.0	72.0		ug/L		96	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*
Toluene-d8 (Surr)	*98*		*71 - 126*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*

QC Association Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

GC/MS VOA

Analysis Batch: 108049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-34495-1	Trip Blank	Total/NA	Water	8260B	
480-34495-2	INFLUENT 031313	Total/NA	Water	8260B	
480-34495-3	MIXING TANK 031313	Total/NA	Water	8260B	
480-34495-4	EFFLUENT 031313	Total/NA	Water	8260B	
LCS 480-108049/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-108049/7	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

Client Sample ID: Trip Blank — Lab Sample ID: 480-34495-1

Date Collected: 03/13/13 00:00 — **Matrix: Water**
Date Received: 03/15/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108049	03/19/13 15:43	LH	TAL BUF

Client Sample ID: INFLUENT 031313 — Lab Sample ID: 480-34495-2

Date Collected: 03/13/13 05:45 — **Matrix: Water**
Date Received: 03/15/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	108049	03/19/13 16:07	LH	TAL BUF

Client Sample ID: MIXING TANK 031313 — Lab Sample ID: 480-34495-3

Date Collected: 03/13/13 05:50 — **Matrix: Water**
Date Received: 03/15/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	108049	03/19/13 16:31	LH	TAL BUF

Client Sample ID: EFFLUENT 031313 — Lab Sample ID: 480-34495-4

Date Collected: 03/13/13 06:00 — **Matrix: Water**
Date Received: 03/15/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108049	03/19/13 16:55	LH	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: GE - Evendale, OH site

TestAmerica Job ID: 480-34495-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-34495-1	Trip Blank	Water	03/13/13 00:00	03/15/13 09:00
480-34495-2	INFLUENT 031313	Water	03/13/13 05:45	03/15/13 09:00
480-34495-3	MIXING TANK 031313	Water	03/13/13 05:50	03/15/13 09:00
480-34495-4	EFFLUENT 031313	Water	03/13/13 06:00	03/15/13 09:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Buffalo

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: O'Brien & Gere Inc	Client Project Manager: Scott McQueen	Site Contact: Mike McLaughlin	Lab Contact: John Schove	COC No: 59799
Address: 8805 Governors Hill Dr	Telephone: 484-804-7220	Telephone: 513-319-3860	Telephone: 716-504-9838	1 of 1 COC's
City/State/Zip: Cincinnati OH 45042	Email: Scott.McQueen@obg.com	Analysis Turnaround Time (In BUS days)	Analyses	For lab use only
Phone: 513-697-2020		TAT if different from below ____		Walk-in client ☐
Project Name: GE IRM	Method of Shipment/Carrier:	☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Lab pickup ☐ Lab sampling ☐
Project Number: 50127	Shipping/Tracking No:			Job/SDG No
PO# 18121 C017				

Sample Identification	Sample Date	SampleTime	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOC's (8260B)	Sample Specific Notes / Special Instructions:
Trip Blank	3-13-13	—		X						2					N	G	X	
Influent 031313	↓	0545		X						3					N	G	X	
Mixing Tank 031313	↓	0550		X						3					N	G	X	
Effluent 031313	↓	0600		X						3					N	G	X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Analyze Per QAPP, Level III Data Package

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Mike McLaughlin	OBG	3-13-13 1400	[illegible]	TestAmerica	3/14/13 1400
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[illegible]	TestAmerica	3/14/13 1400	[illegible]	TA Buffalo	3/15/13 0900
Relinquished by	Company	Date/Time	Received in Laboratory by:	Company	Date/Time

#3 5.8

TAL 0018-1 (04/10)

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-34495-1

Login Number: 34495
List Number: 1
Creator: Janish, Carl

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Appendix C

Hydrographs for Select Perched, USG, and LSG Monitoring Wells

Figure C-1. Groundwater Elevations - Perched

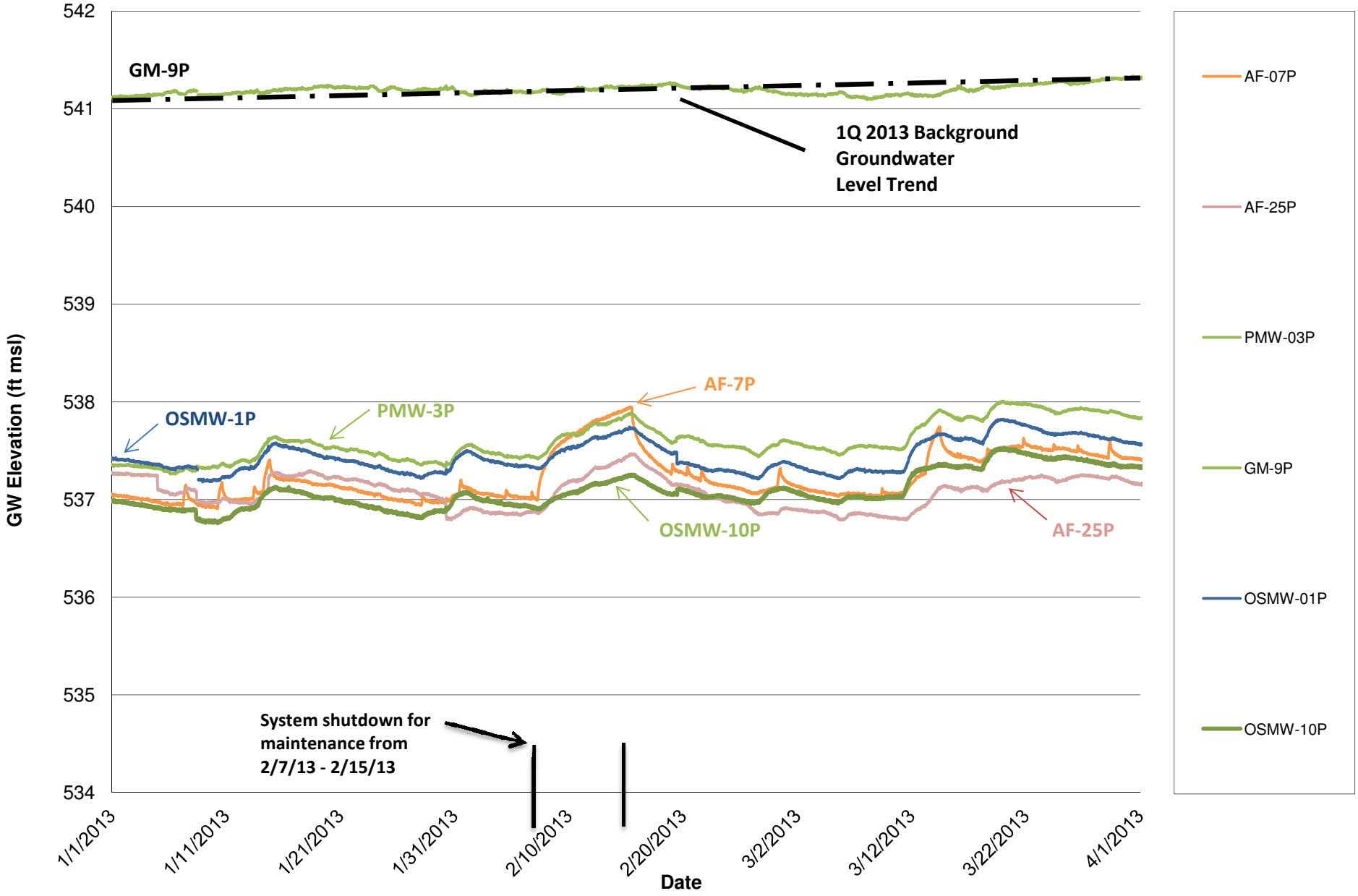


Figure C-2. Groundwater Elevations - USG - Perched Pumping Area

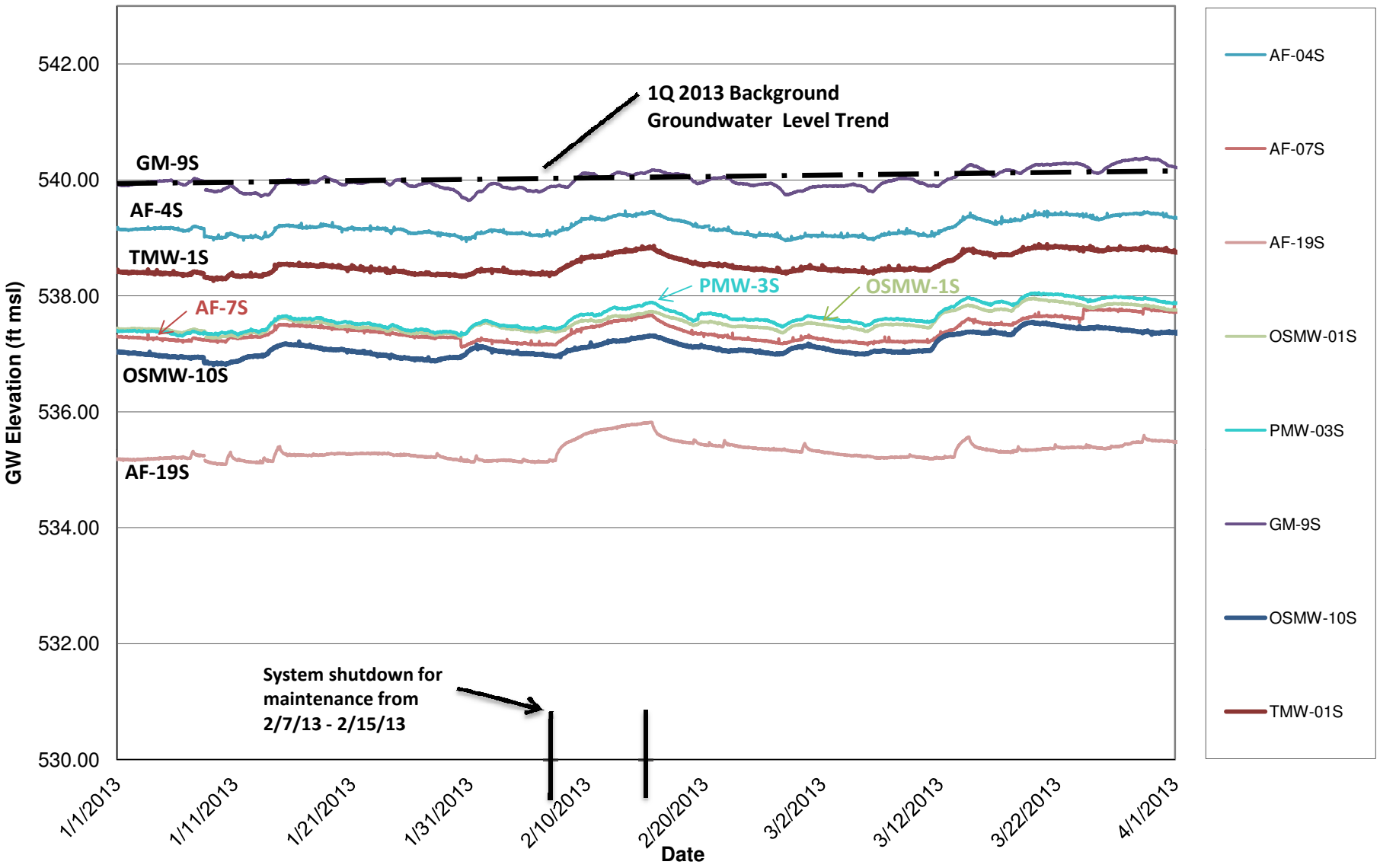


FIgure C-3. Groundwater Elevations - USG - EW-7S Area

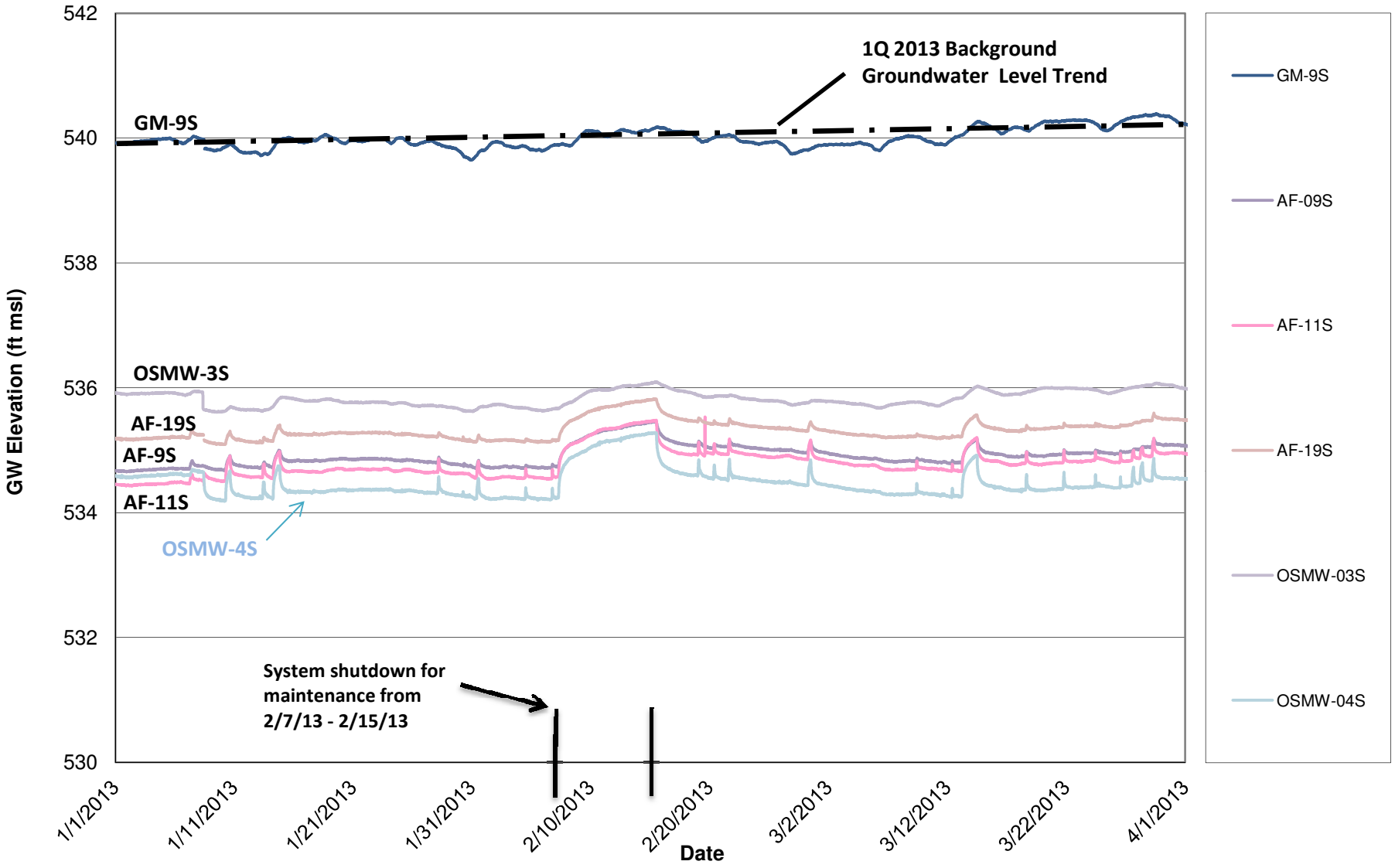


Figure C-4. Groundwater Elevations - LSG EW-3D Area

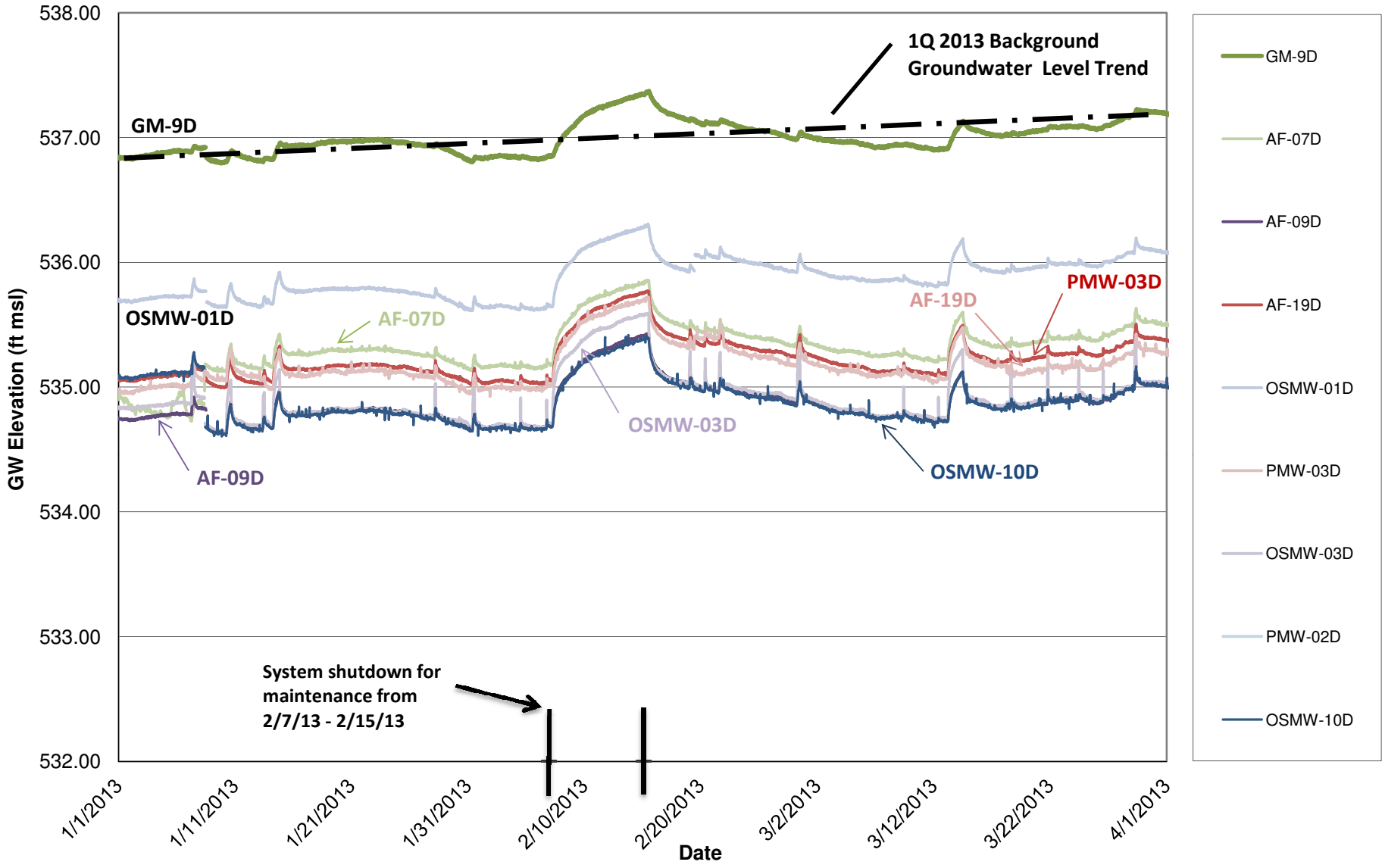
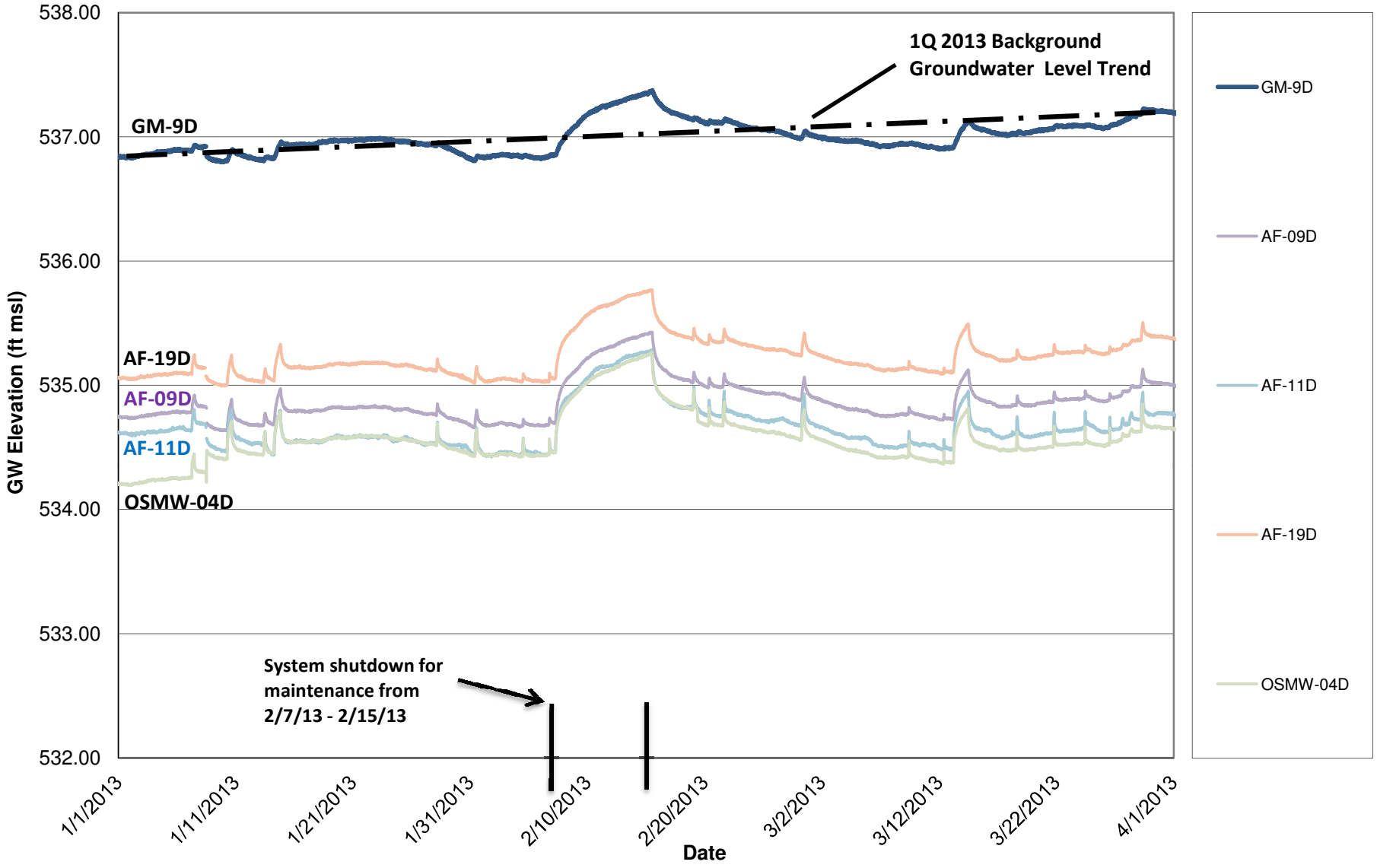


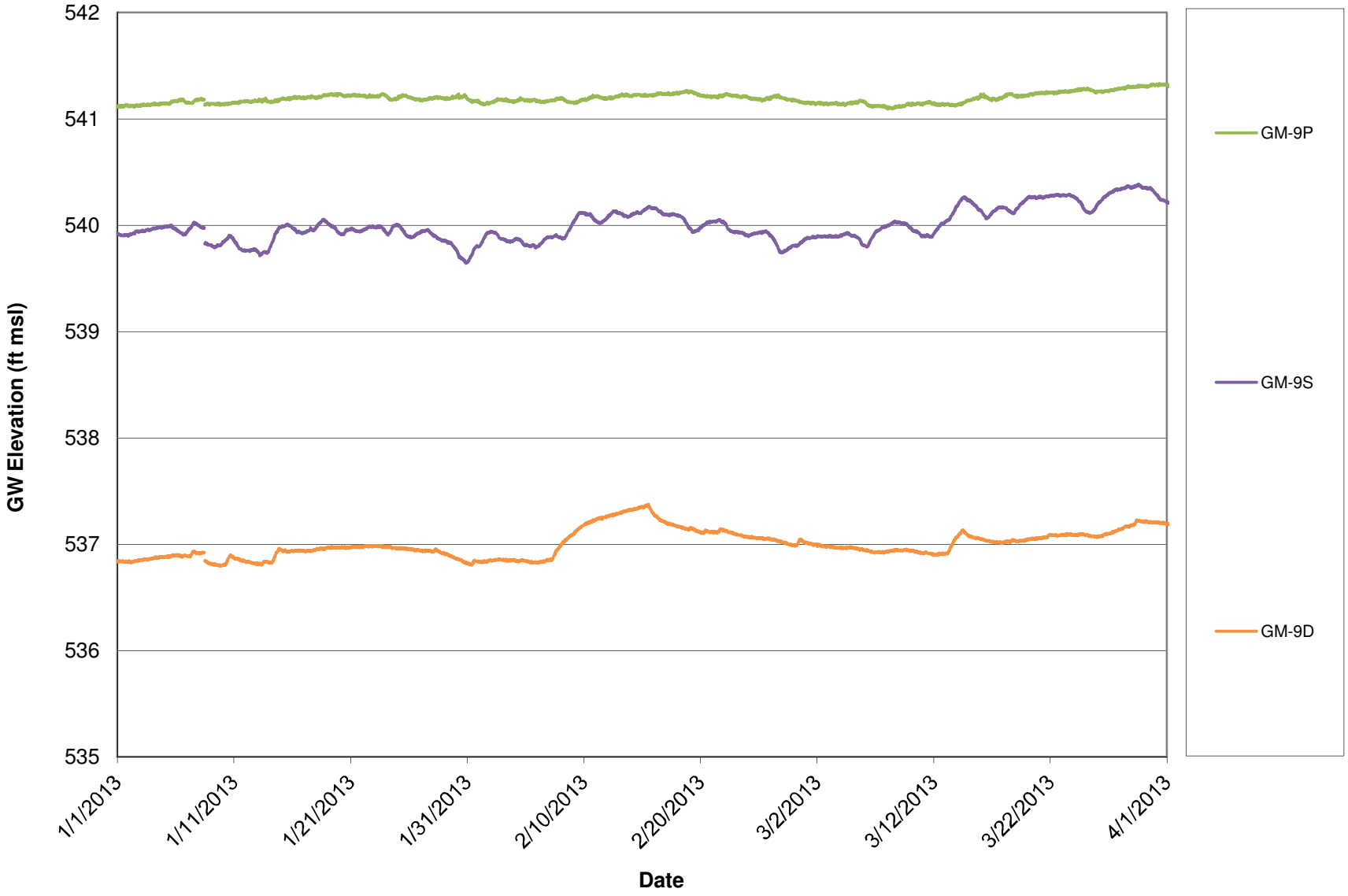
Figure C-5. Groundwater Elevations - LSG EW-8D Area



Appendix D

Hydrographs for Select Nested Well Series

Figure D-1. Group B Corrected Graph - GM-9 Series Wells



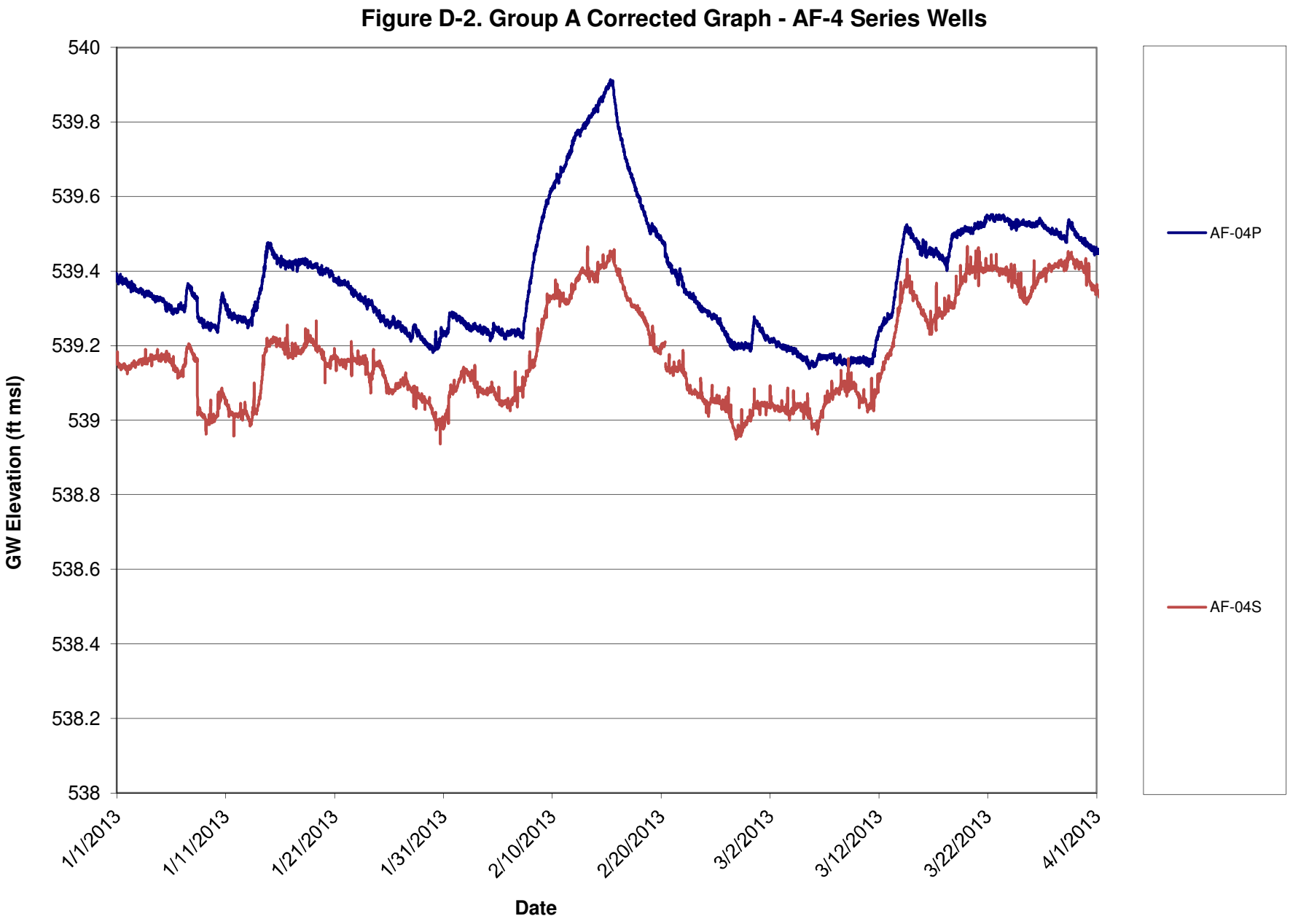


Figure D-2. Group A Corrected Graph - AF-4 Series Wells
540
539.8
539.6
539.4
539.2
539
538.8
538.6
538.4
538.2
538
GW Elevation (ft msl)
1/1/2013
1/11/2013
1/21/2013
1/31/2013
2/10/2013
2/20/2013
3/2/2013
3/12/2013
3/22/2013
4/1/2013
Date
AF-04P
AF-04S

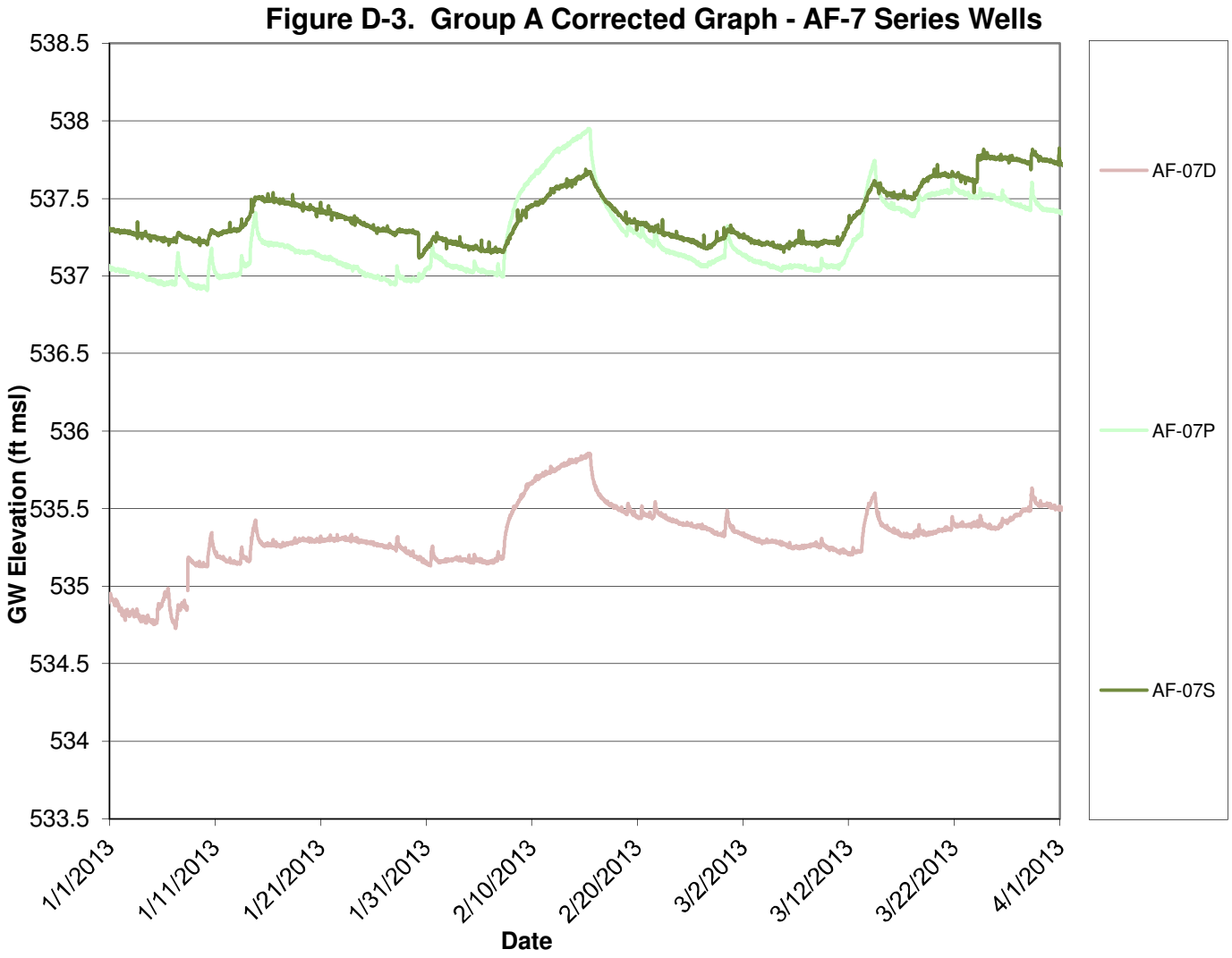


Figure D-3. Group A Corrected Graph - AF-7 Series Wells
538.5
538
537.5
537
536.5
536
535.5
535
534.5
534
533.5
GW Elevation (ft msl)
1/1/2013
1/11/2013
1/21/2013
1/31/2013
2/10/2013
2/20/2013
3/2/2013
3/12/2013
3/22/2013
4/1/2013
Date
AF-07D
AF-07P
AF-07S

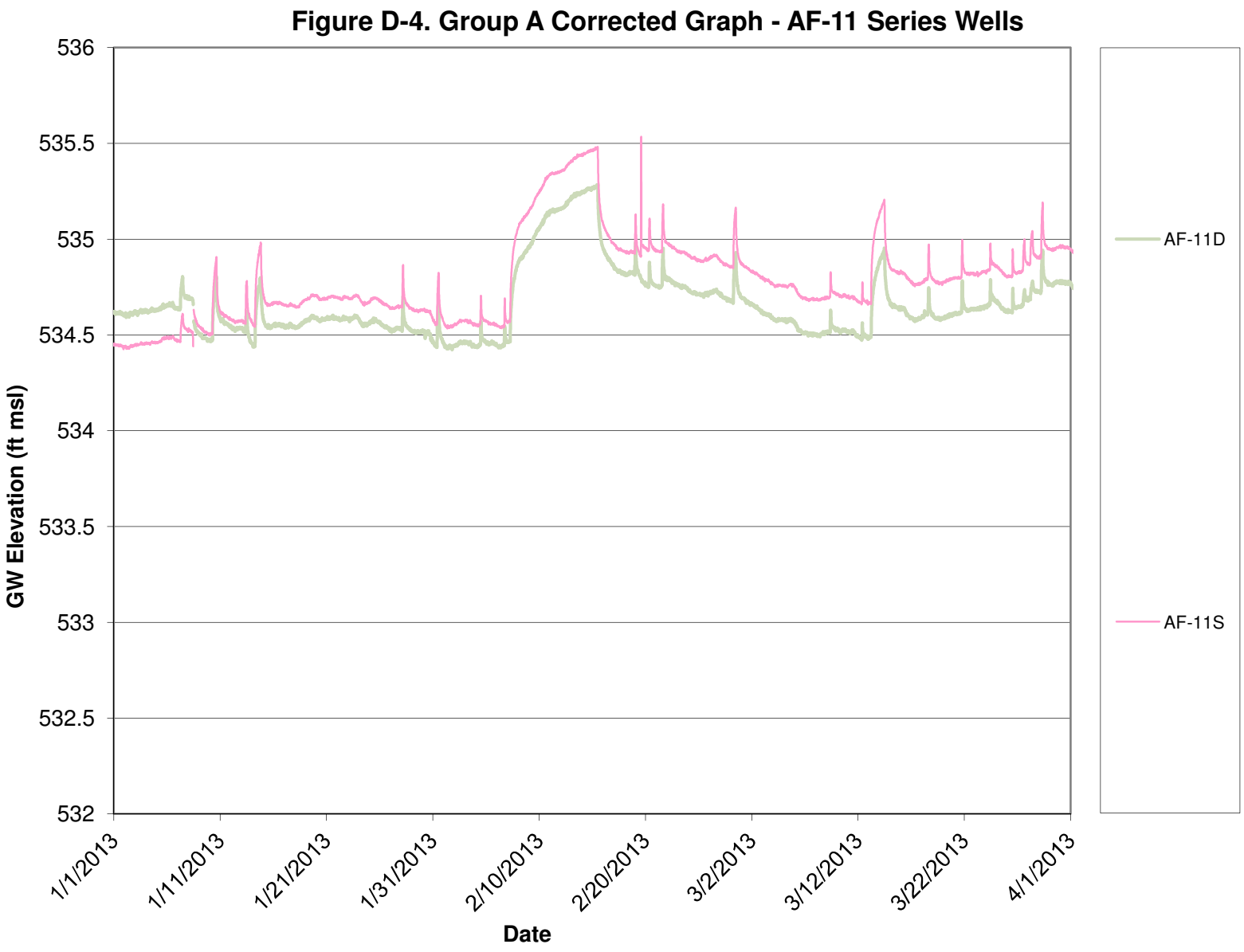
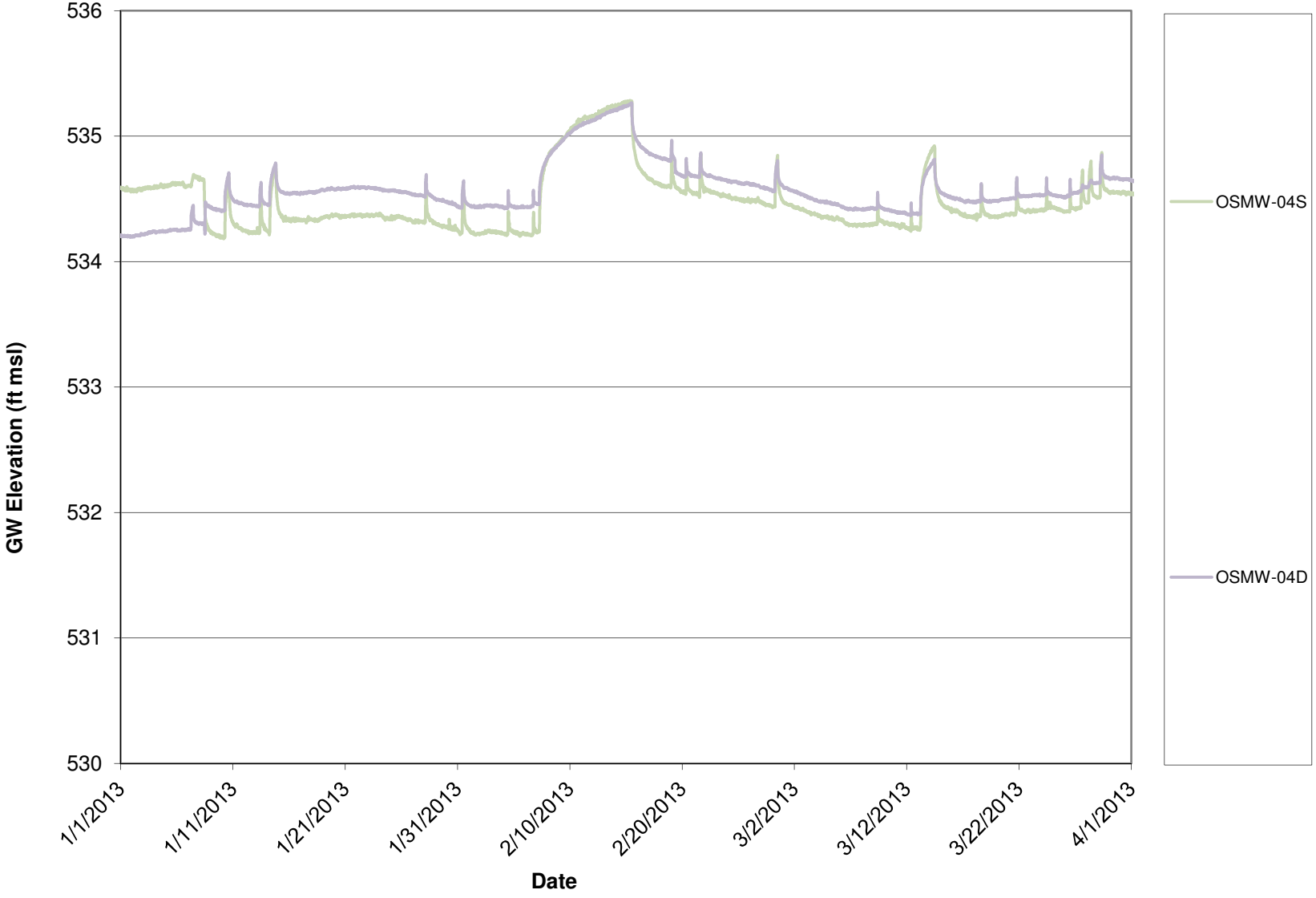


Figure D-4. Group A Corrected Graph - AF-11 Series Wells
536
535.5
535
534.5
534
533.5
533
532.5
532
GW Elevation (ft msl)
1/1/2013
1/11/2013
1/21/2013
1/31/2013
2/10/2013
2/20/2013
3/2/2013
3/12/2013
3/22/2013
4/1/2013
Date
AF-11D
AF-11S

Figure D-5. Group A Corrected Graph - OSMW-4 Series Wells



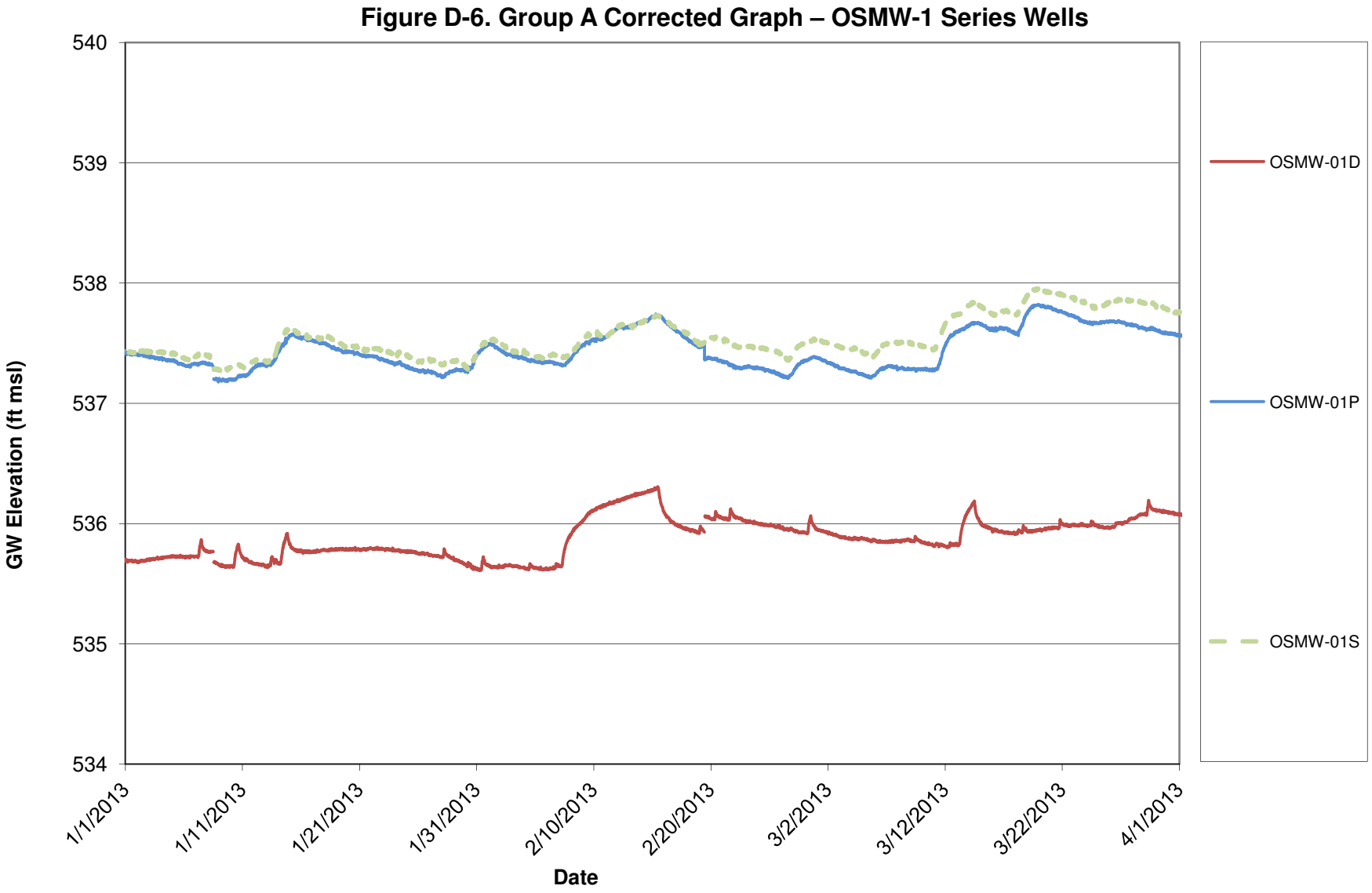


Figure D-6. Group A Corrected Graph – OSMW-1 Series Wells
540
539
538
537
536
535
534
GW Elevation (ft msl)
1/1/2013
1/11/2013
1/21/2013
1/31/2013
2/10/2013
2/20/2013
3/2/2013
3/12/2013
3/22/2013
4/1/2013
Date
OSMW-01D
OSMW-01P
OSMW-01S

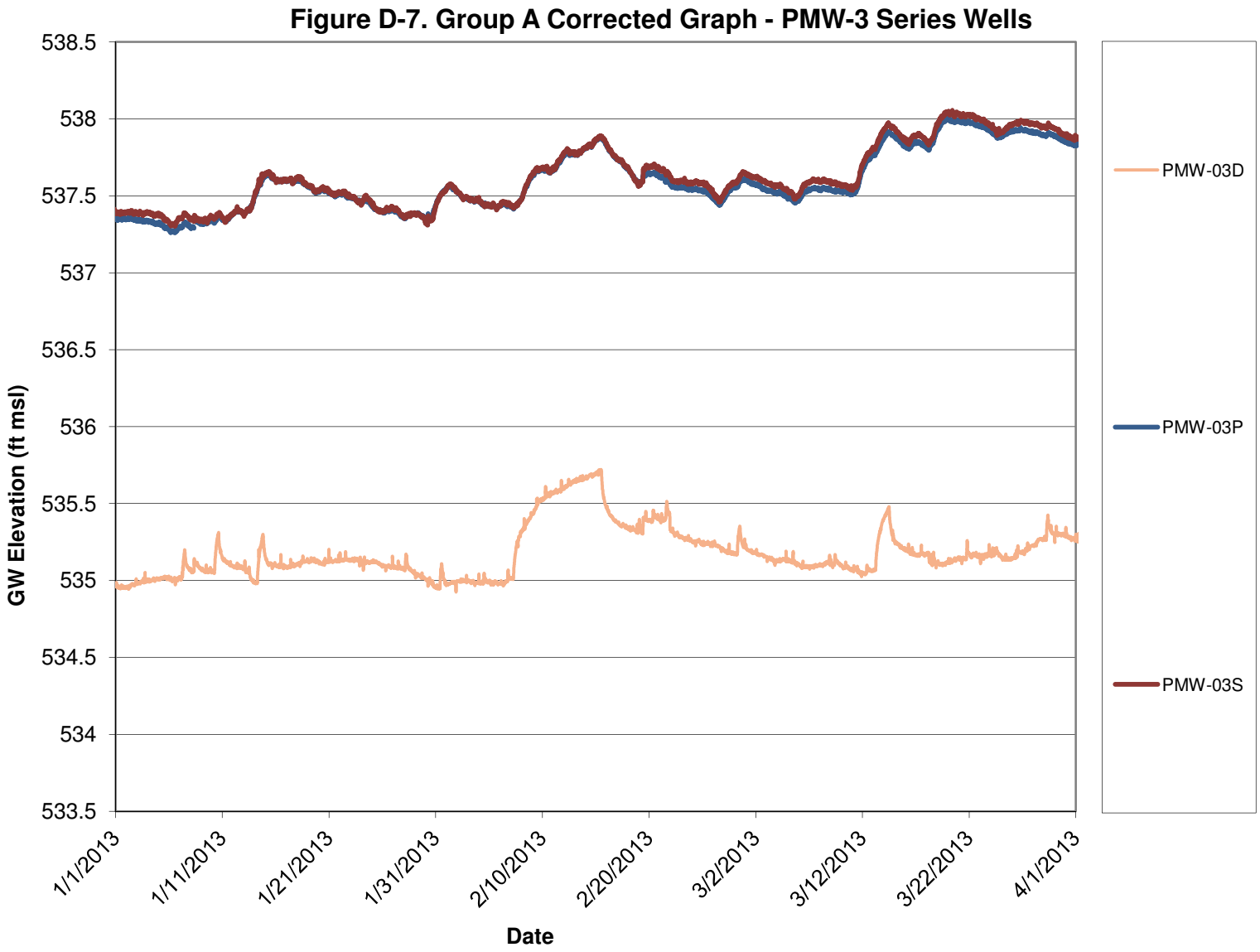


Figure D-7. Group A Corrected Graph - PMW-3 Series Wells
538.5
538
537.5
537
536.5
536
535.5
535
534.5
534
533.5
GW Elevation (ft msl)
1/1/2013
1/11/2013
1/21/2013
1/31/2013
2/10/2013
2/20/2013
3/2/2013
3/12/2013
3/22/2013
4/1/2013
Date
PMW-03D
PMW-03P
PMW-03S

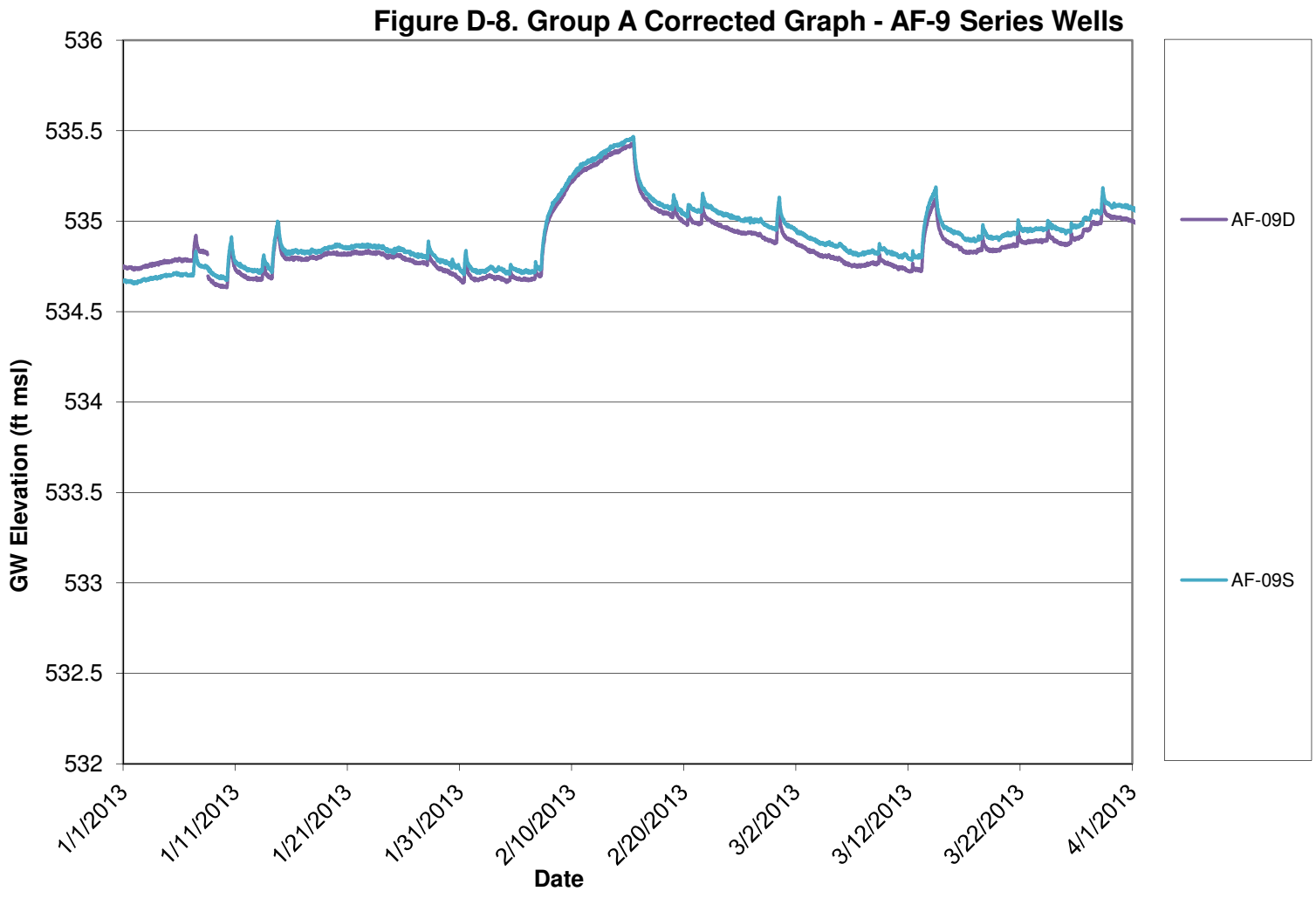
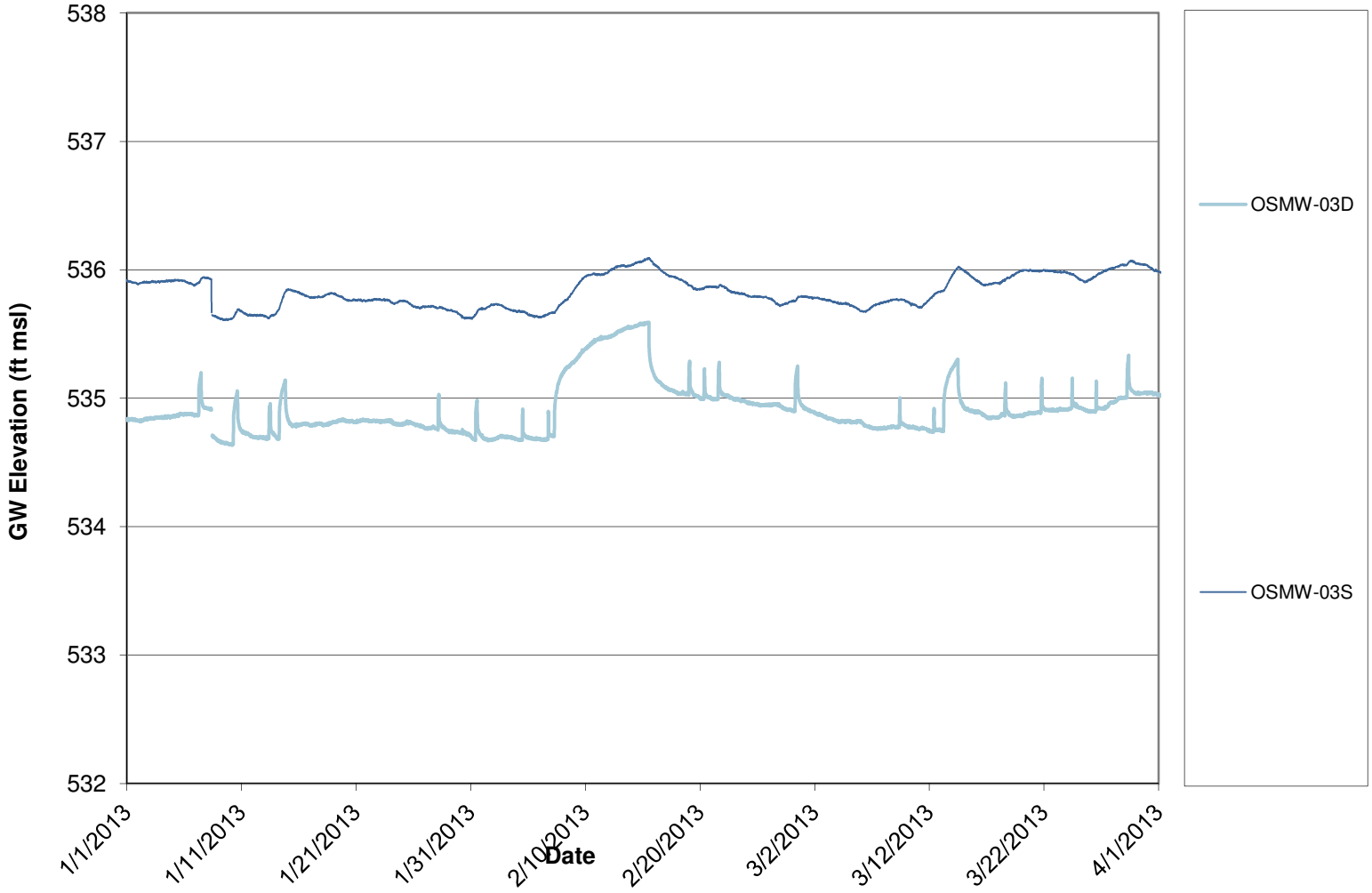


Figure D-8. Group A Corrected Graph - AF-9 Series Wells
536
535.5
535
534.5
534
533.5
533
532.5
532
GW Elevation (ft msl)
1/1/2013
1/11/2013
1/21/2013
1/31/2013
2/10/2013
2/20/2013
3/2/2013
3/12/2013
3/22/2013
4/1/2013
Date
AF-09D
AF-09S

Figure D-9. Group A Corrected Graph - OSMW-3 Series Wells



Appendix E

Field Parameters and Total VOC Concentration Plots – Perched and USG Monitoring Wells

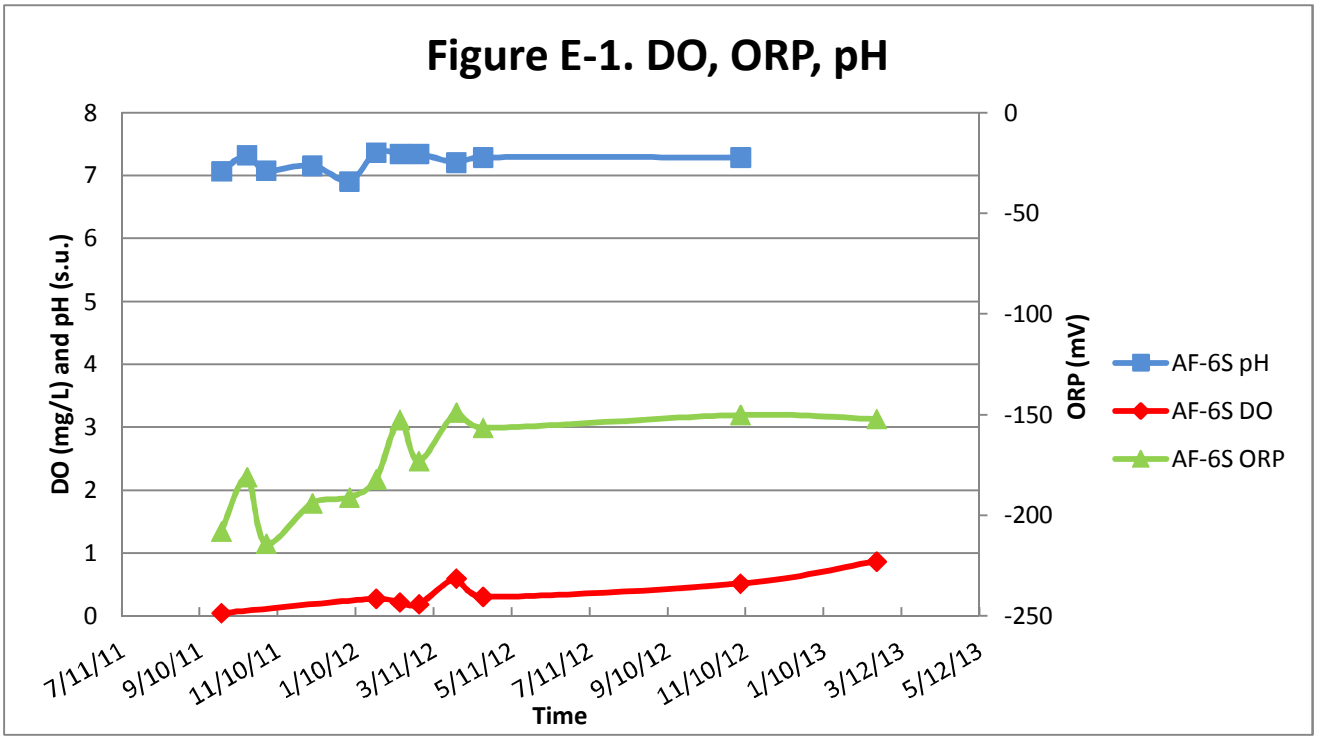


Figure E-1. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
Time
AF-6S pH
AF-6S DO
AF-6S ORP
8
7
6
5
4
3
2
1
0
0
-50
-100
-150
-200
-250
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13

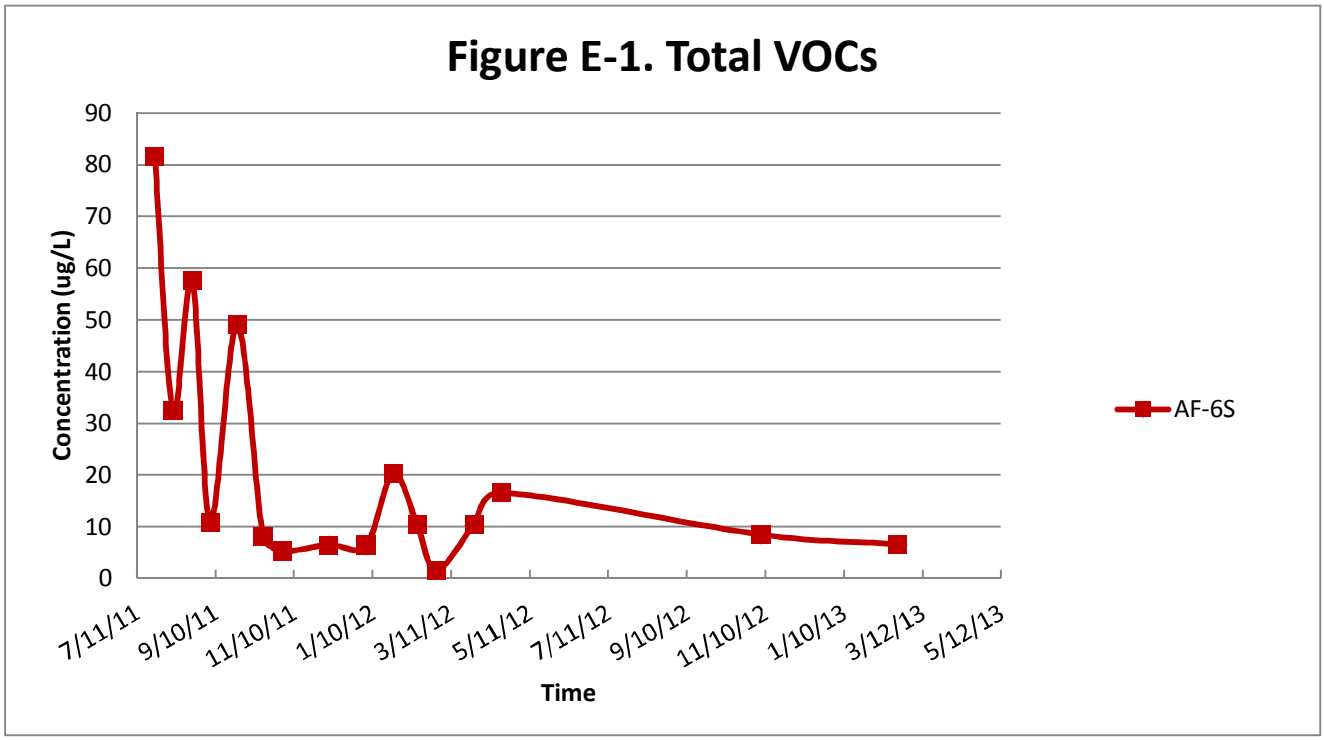


Figure E-1. Total VOCs
Concentration (ug/L)
Time
AF-6S
90
80
70
60
50
40
30
20
10
0
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13

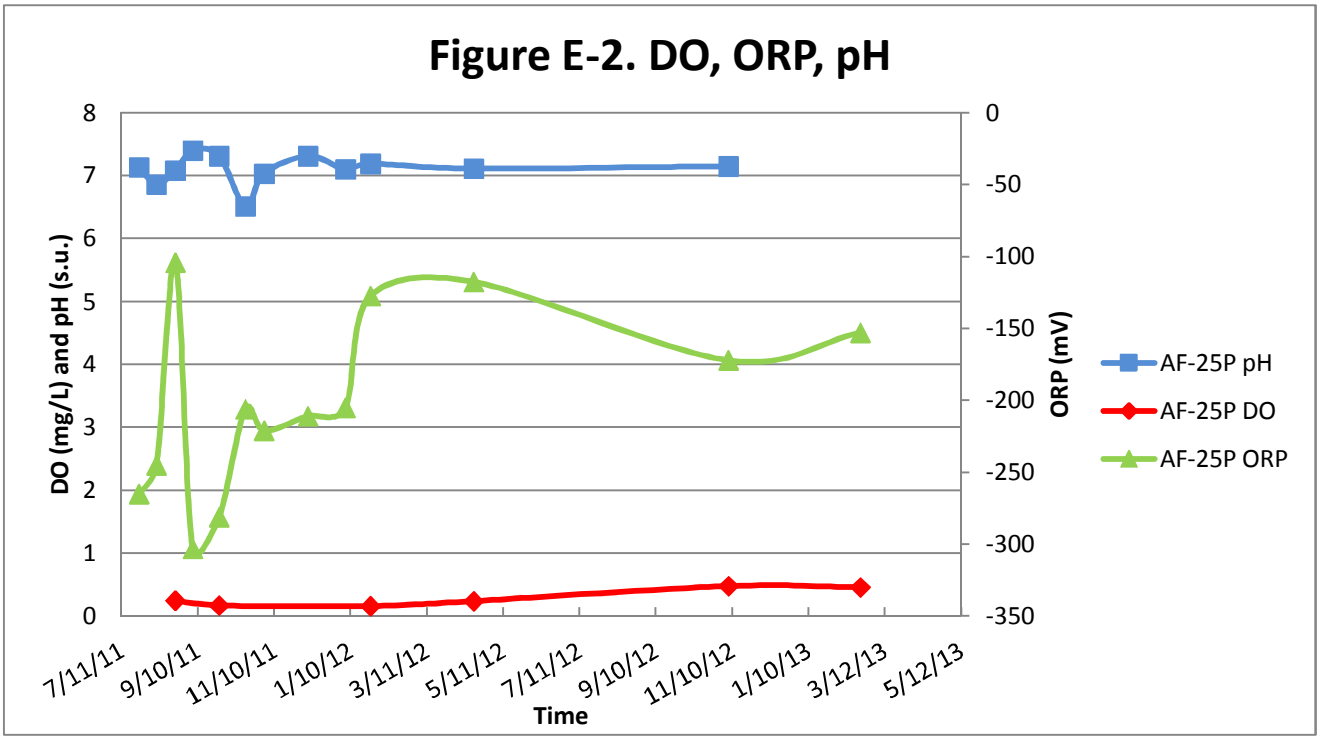


Figure E-2. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
8
7
6
5
4
3
2
1
0
0
-50
-100
-150
-200
-250
-300
-350
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13
Time
AF-25P pH
AF-25P DO
AF-25P ORP

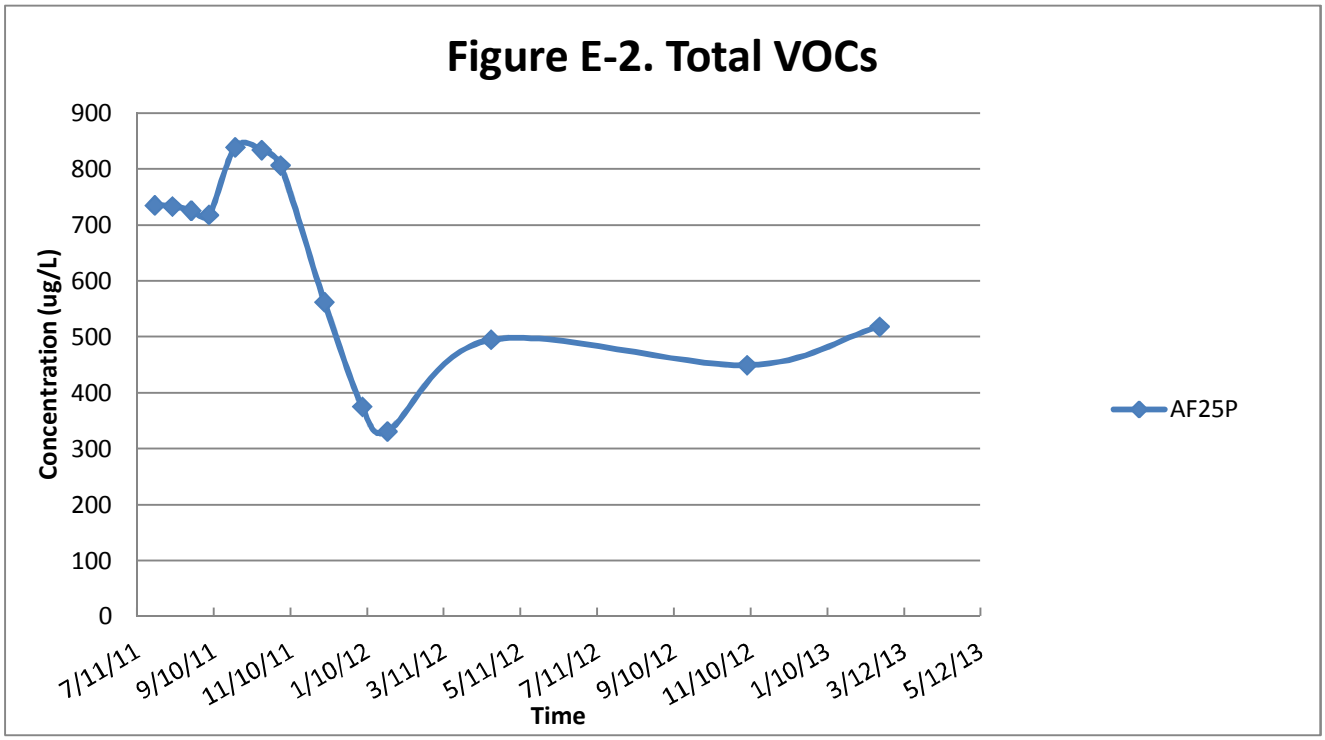


Figure E-2. Total VOCs
Concentration (ug/L)
900
800
700
600
500
400
300
200
100
0
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13
Time
AF25P

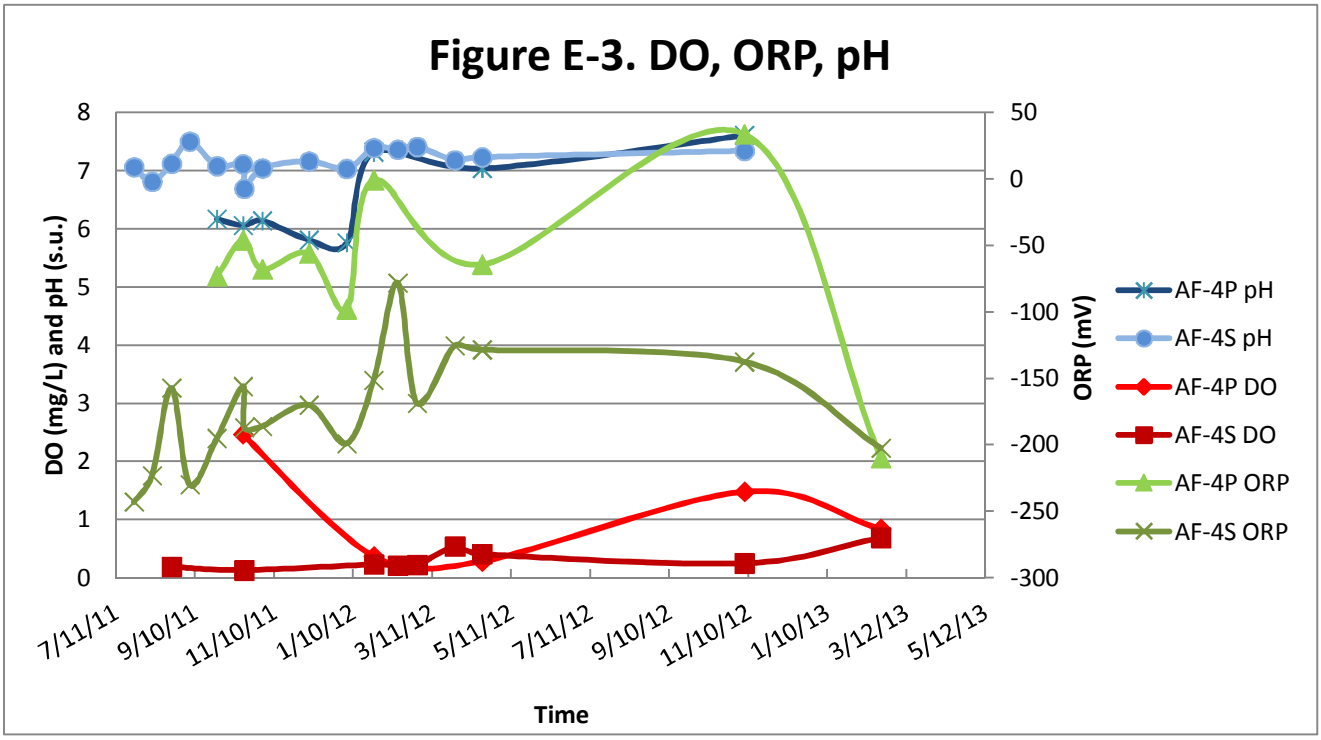


Figure E-3. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
Time
AF-4P pH
AF-4S pH
AF-4P DO
AF-4S DO
AF-4P ORP
AF-4S ORP
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13

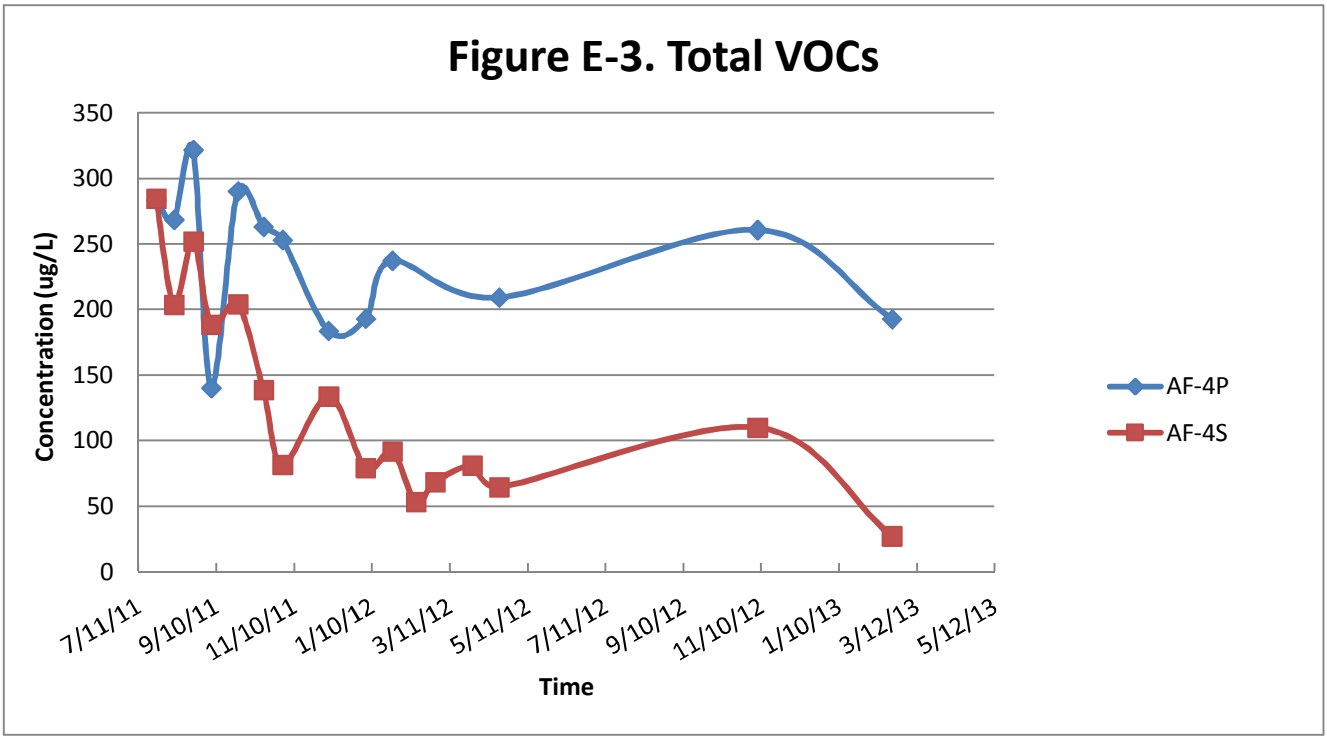


Figure E-3. Total VOCs
Concentration (ug/L)
Time
AF-4P
AF-4S
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13

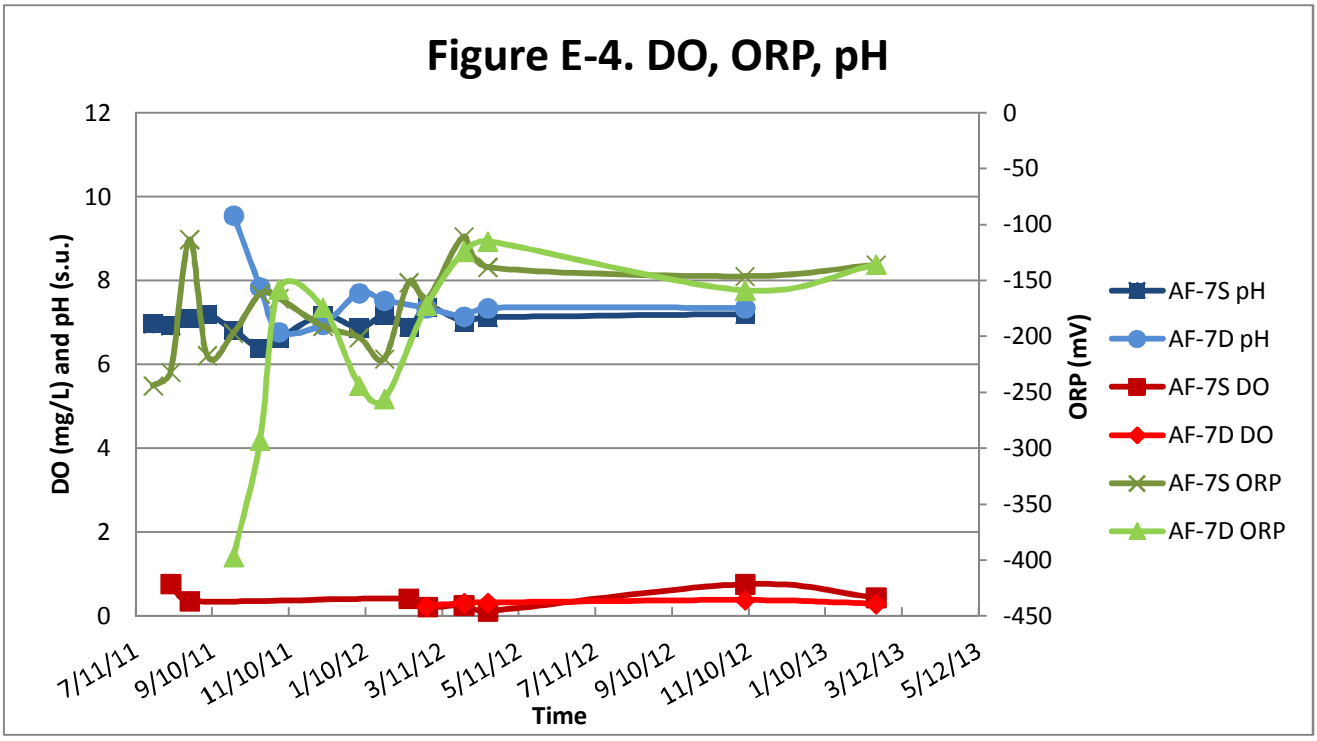


Figure E-4. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
Time
12
10
8
6
4
2
0
0
-50
-100
-150
-200
-250
-300
-350
-400
-450
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13
AF-7S pH
AF-7D pH
AF-7S DO
AF-7D DO
AF-7S ORP
AF-7D ORP

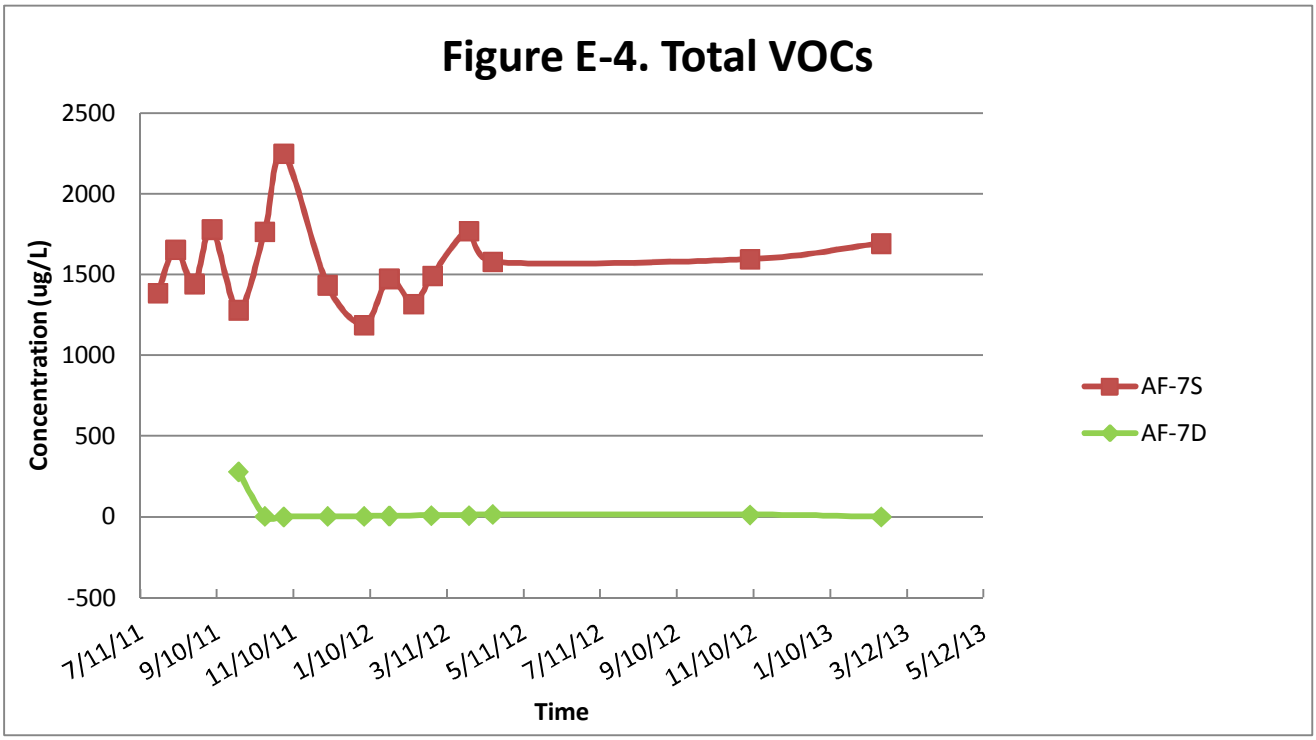


Figure E-4. Total VOCs
Concentration (ug/L)
Time
2500
2000
1500
1000
500
0
-500
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13
AF-7S
AF-7D

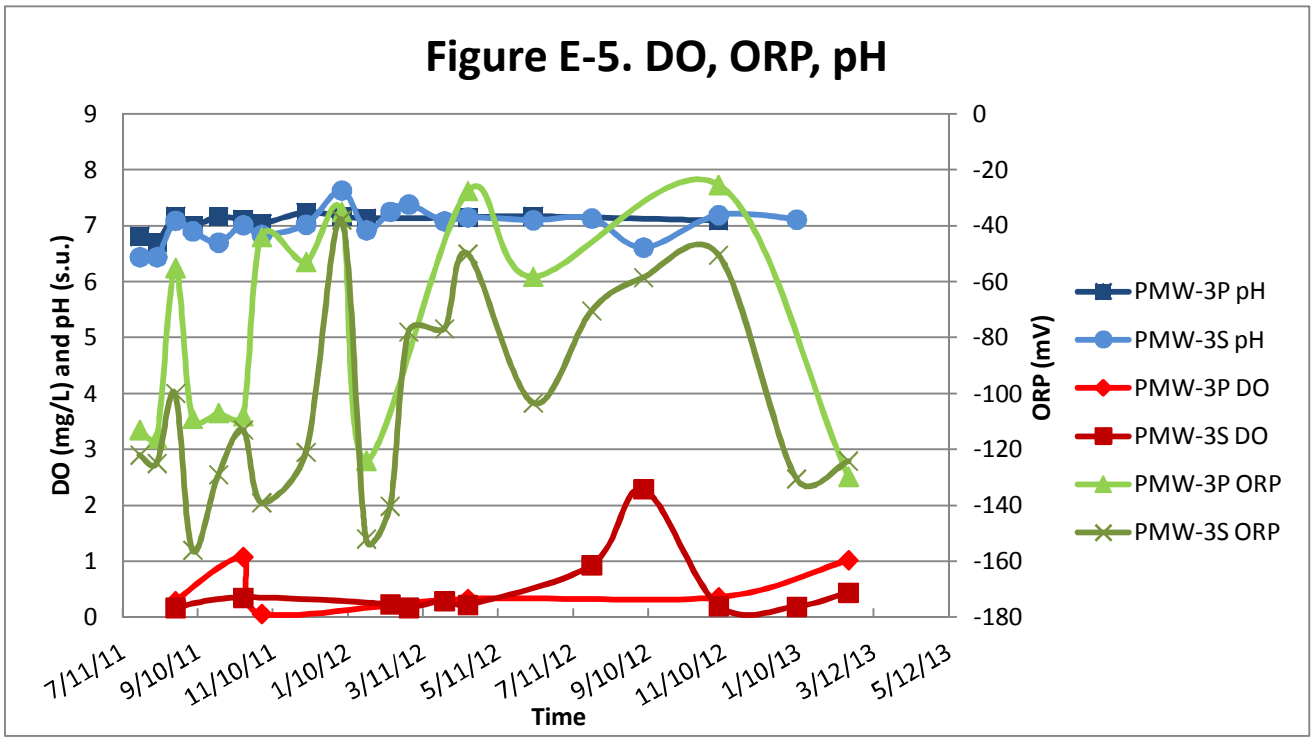


Figure E-5. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
Time
PMW-3P pH
PMW-3S pH
PMW-3P DO
PMW-3S DO
PMW-3P ORP
PMW-3S ORP

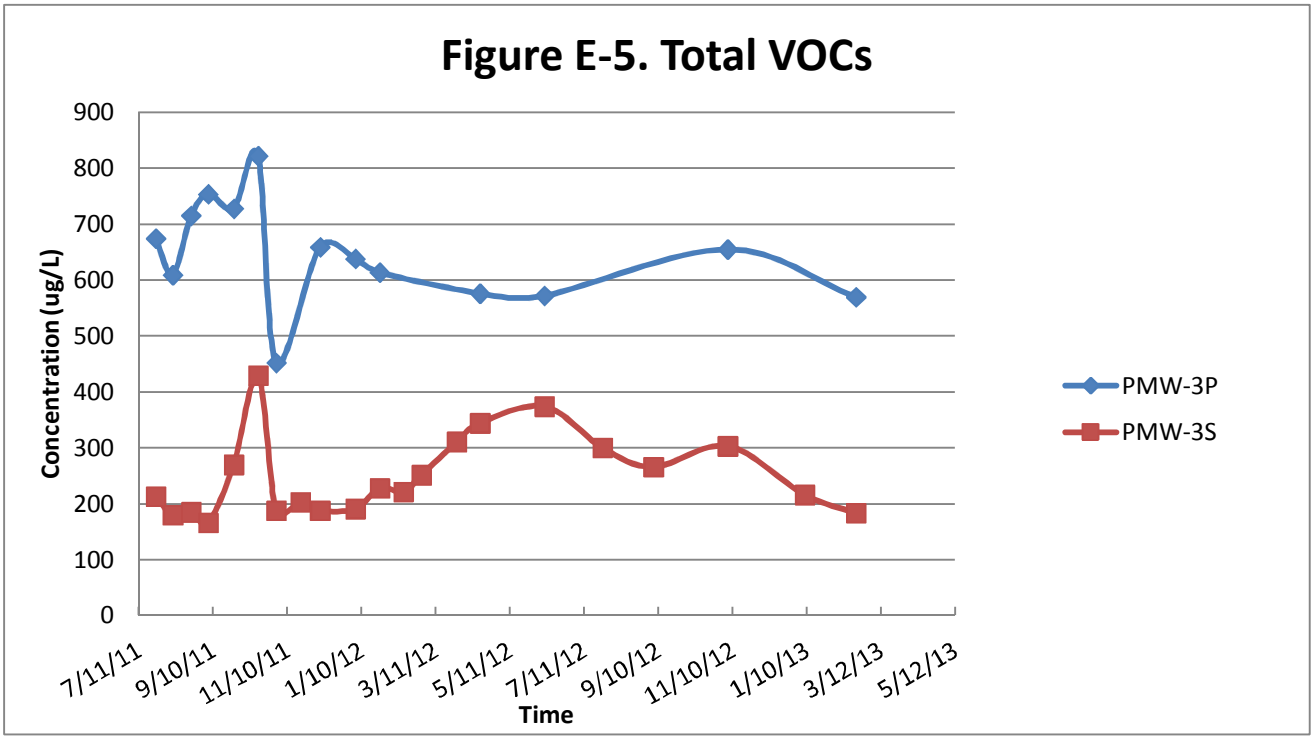


Figure E-5. Total VOCs
Concentration (ug/L)
Time
PMW-3P
PMW-3S

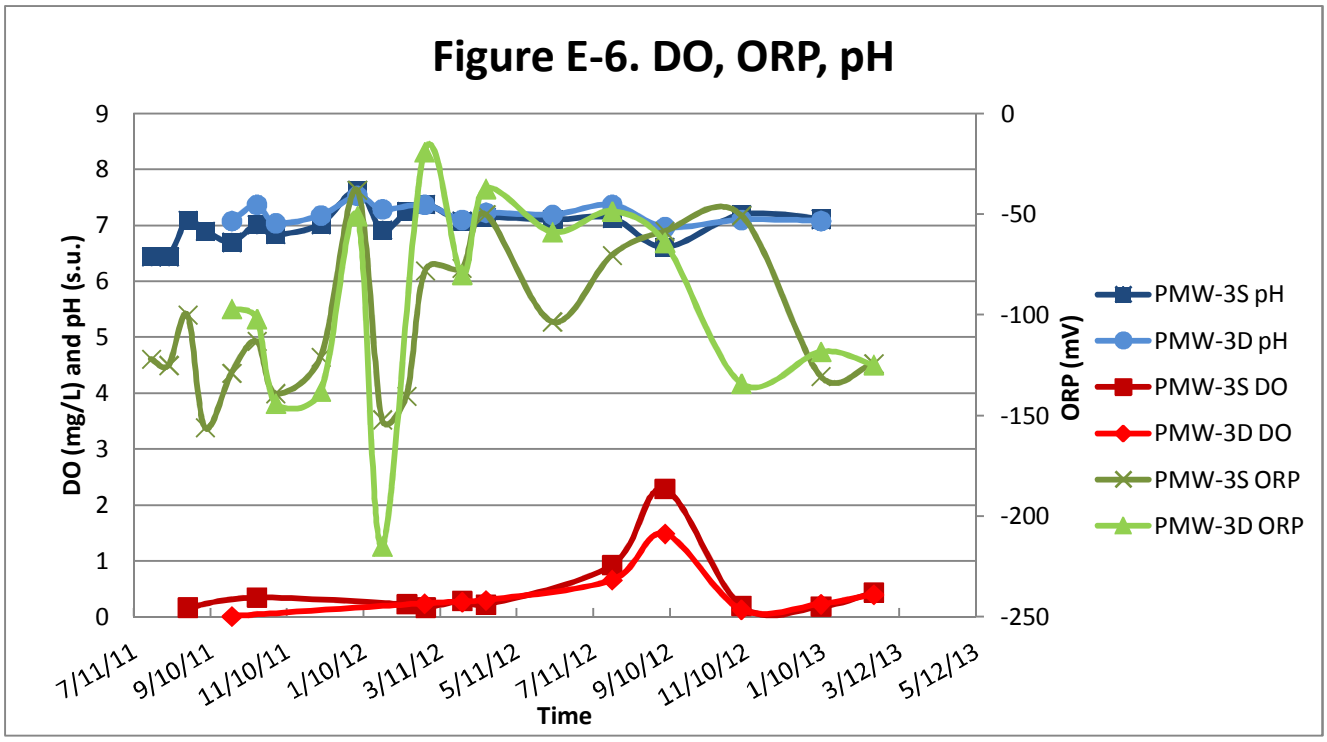


Figure E-6. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
Time
PMW-3S pH
PMW-3D pH
PMW-3S DO
PMW-3D DO
PMW-3S ORP
PMW-3D ORP

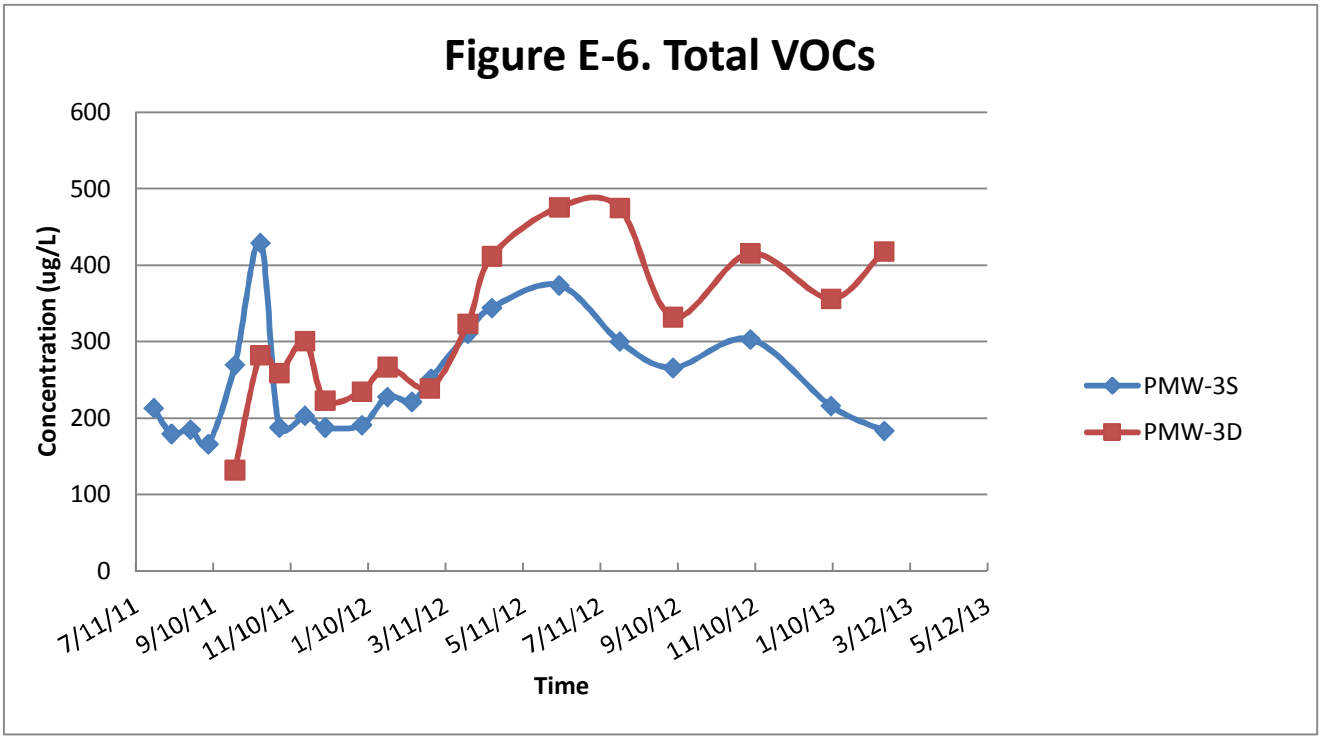


Figure E-6. Total VOCs
Concentration (ug/L)
Time
PMW-3S
PMW-3D

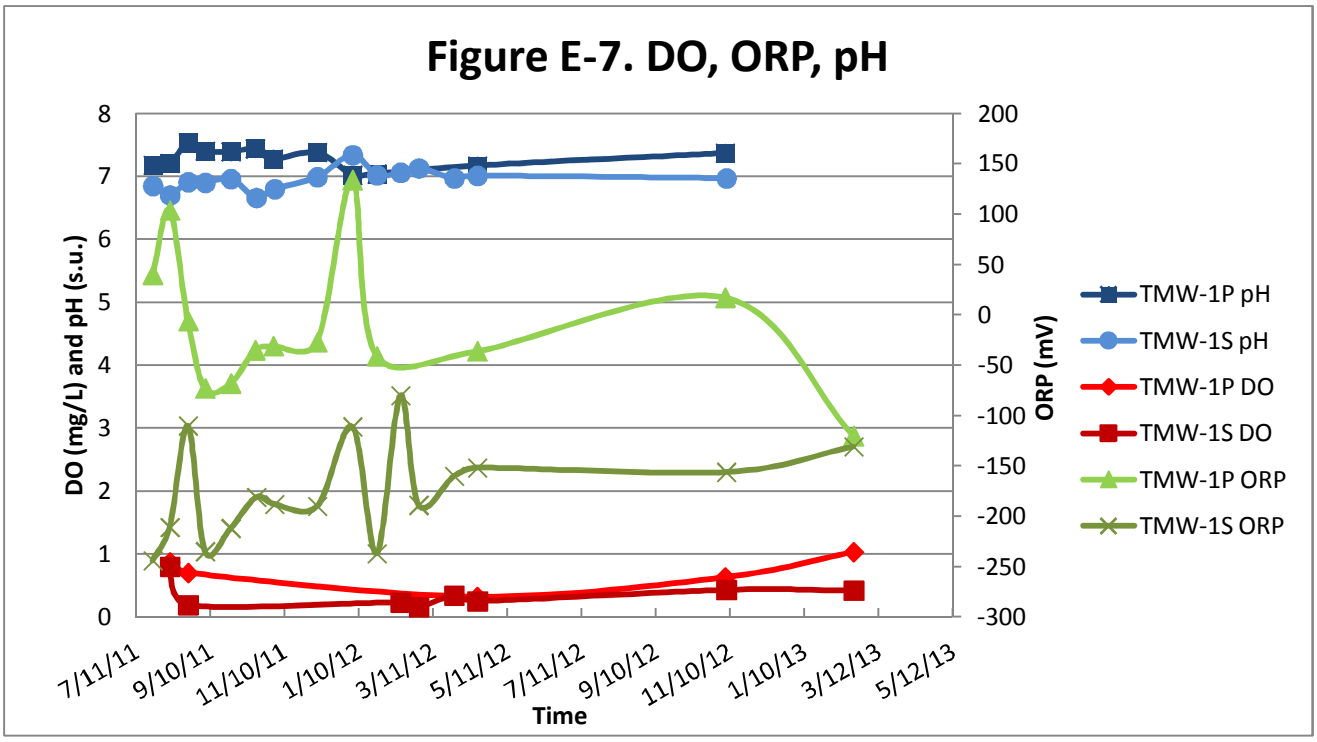


Figure E-7. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
Time
TMW-1P pH
TMW-1S pH
TMW-1P DO
TMW-1S DO
TMW-1P ORP
TMW-1S ORP

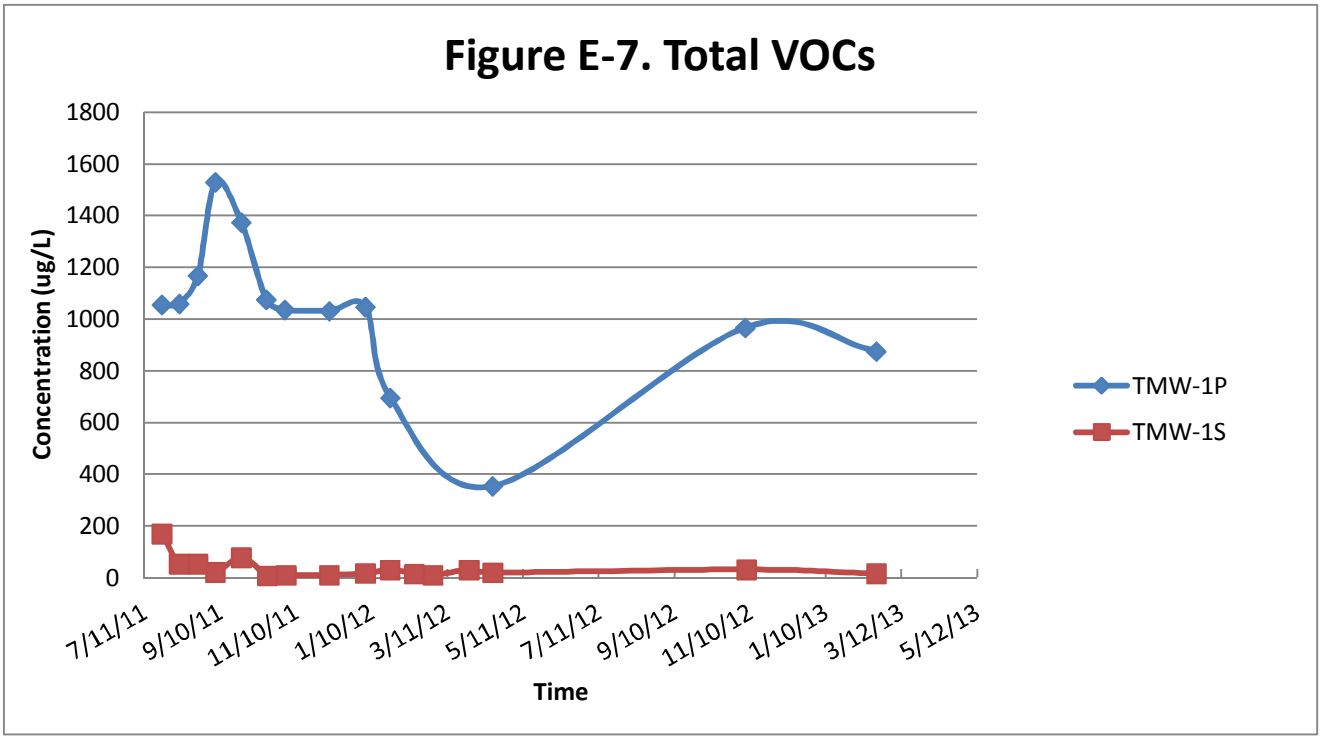


Figure E-7. Total VOCs
Concentration (ug/L)
Time
TMW-1P
TMW-1S

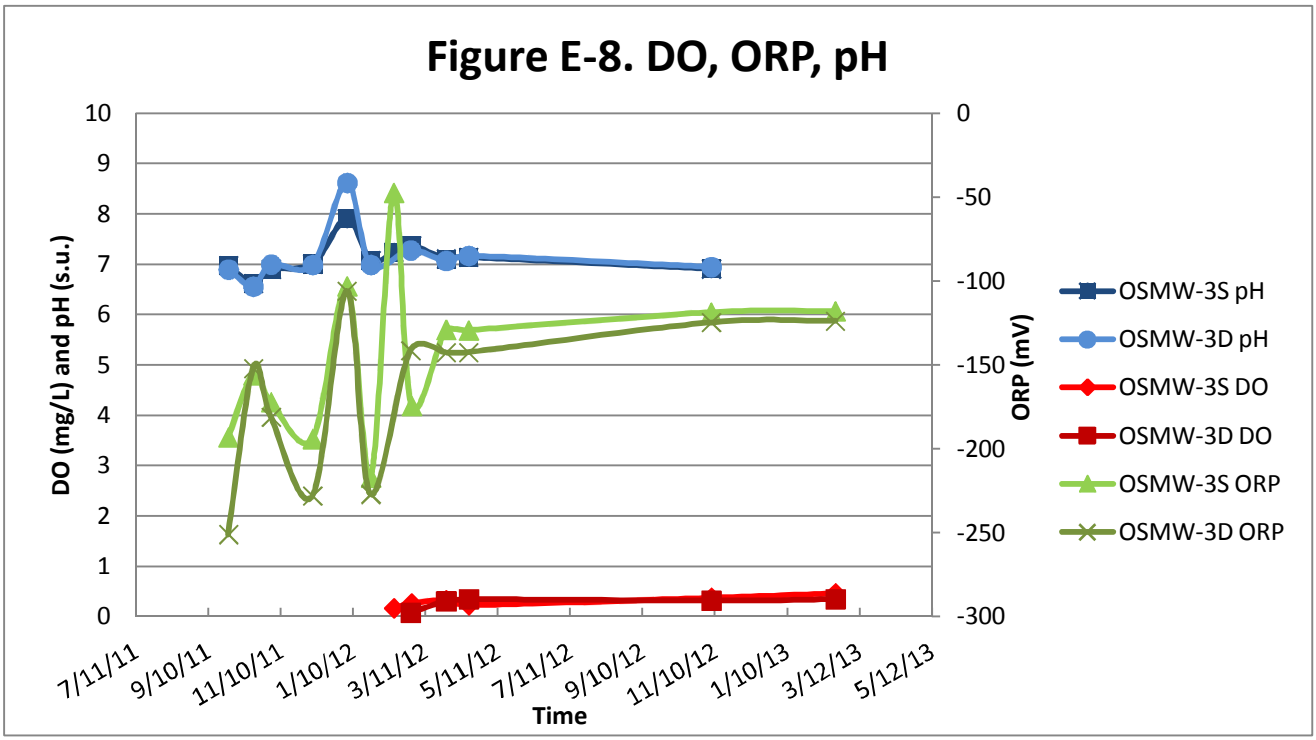


Figure E-8. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
Time
10
9
8
7
6
5
4
3
2
1
0
0
-50
-100
-150
-200
-250
-300
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13
OSMW-3S pH
OSMW-3D pH
OSMW-3S DO
OSMW-3D DO
OSMW-3S ORP
OSMW-3D ORP

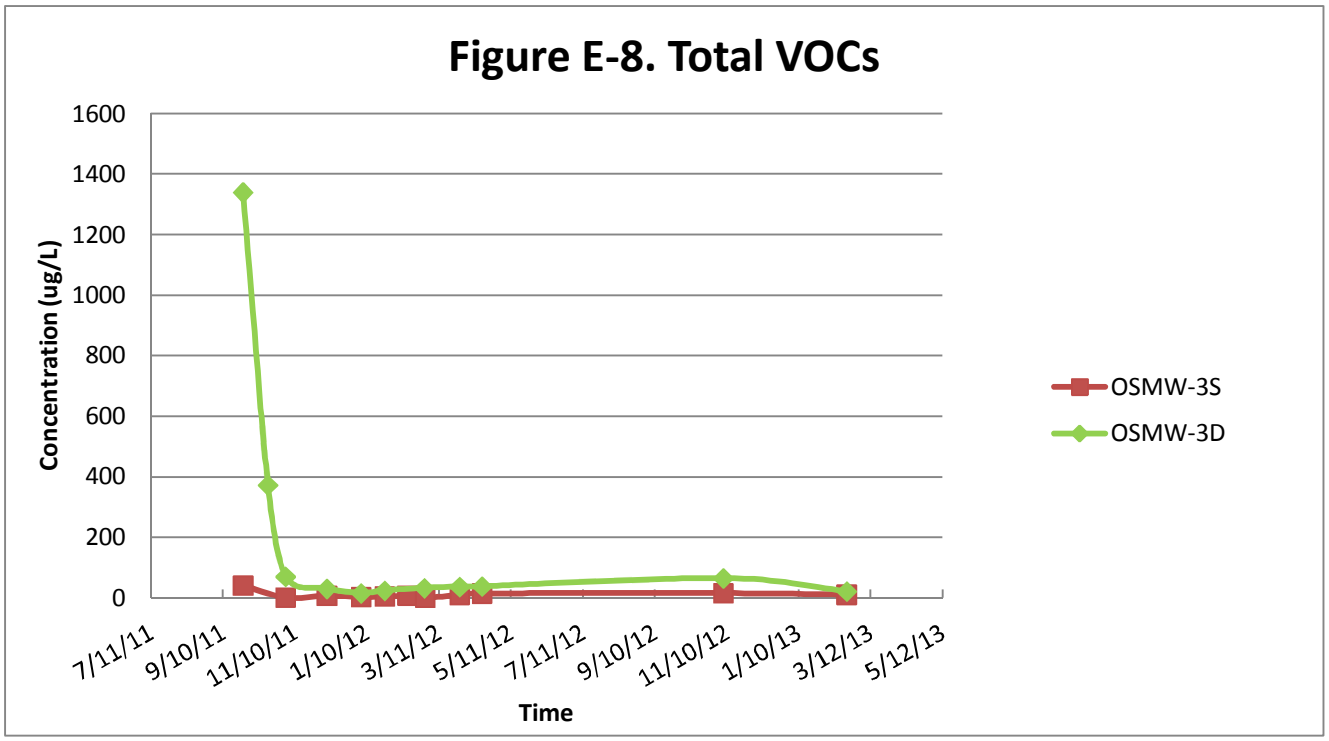


Figure E-8. Total VOCs
Concentration (ug/L)
Time
1600
1400
1200
1000
800
600
400
200
0
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13
OSMW-3S
OSMW-3D

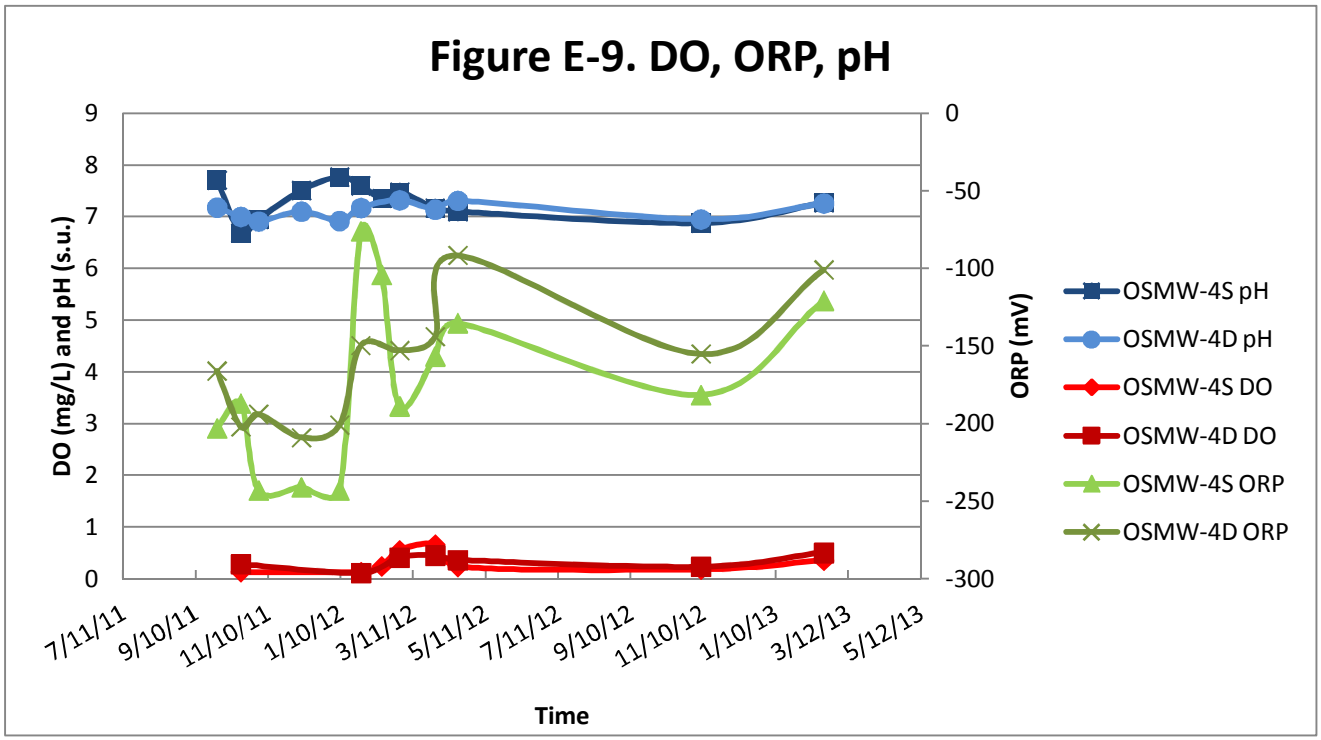


Figure E-9. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
Time
9
8
7
6
5
4
3
2
1
0
0
-50
-100
-150
-200
-250
-300
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13
OSMW-4S pH
OSMW-4D pH
OSMW-4S DO
OSMW-4D DO
OSMW-4S ORP
OSMW-4D ORP

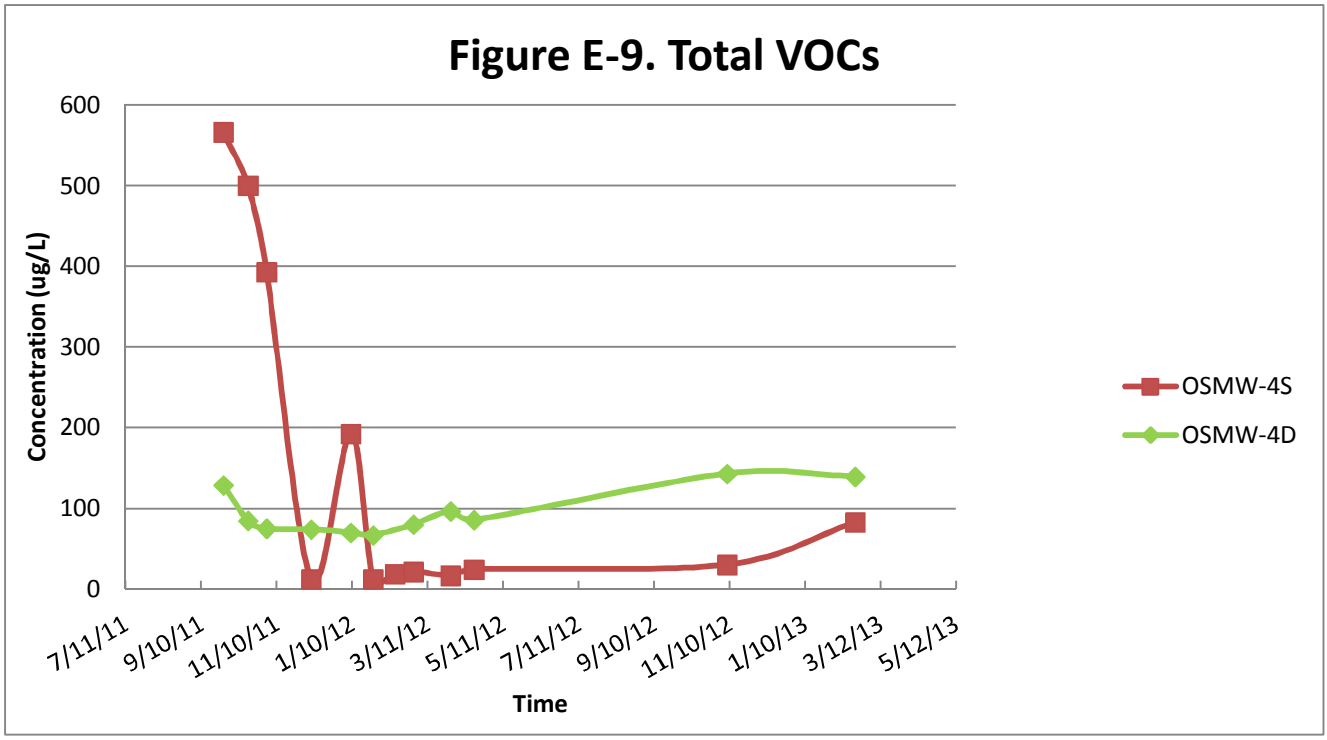


Figure E-9. Total VOCs
Concentration (ug/L)
Time
600
500
400
300
200
100
0
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13
OSMW-4S
OSMW-4D

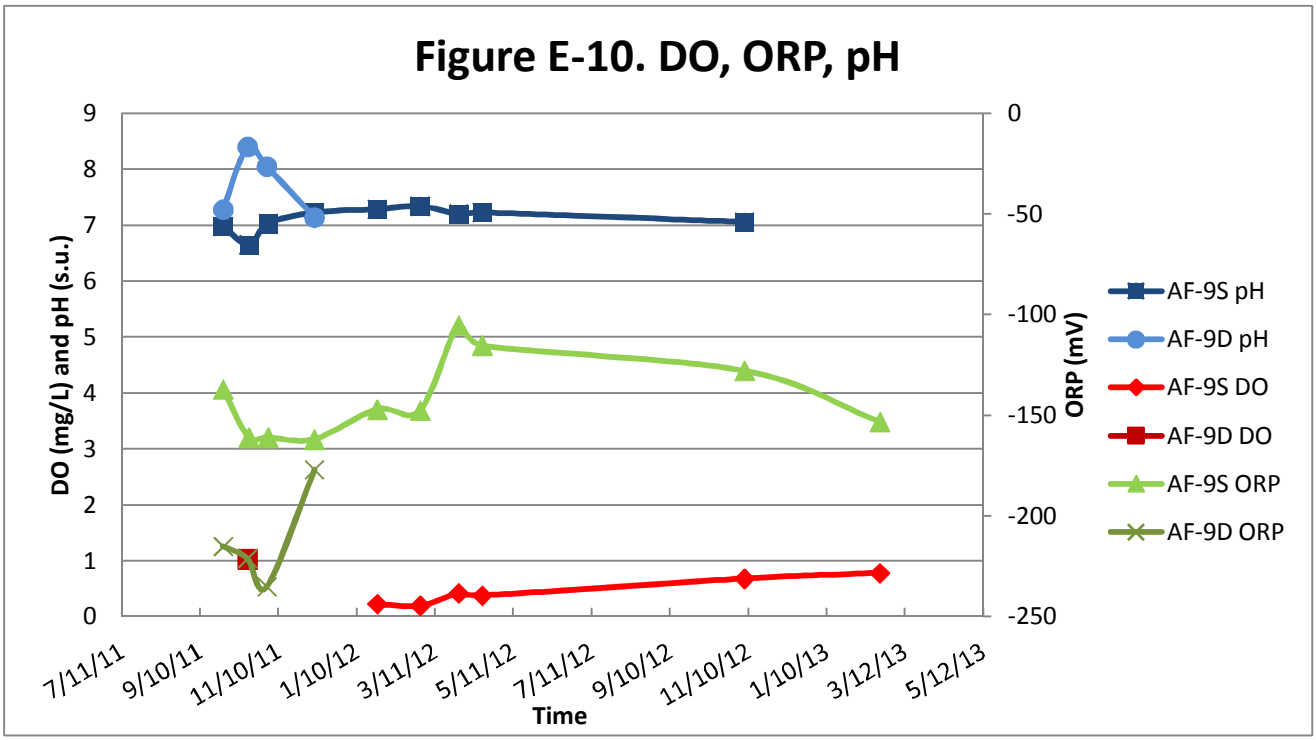


Figure E-10. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
Time
AF-9S pH
AF-9D pH
AF-9S DO
AF-9D DO
AF-9S ORP
AF-9D ORP

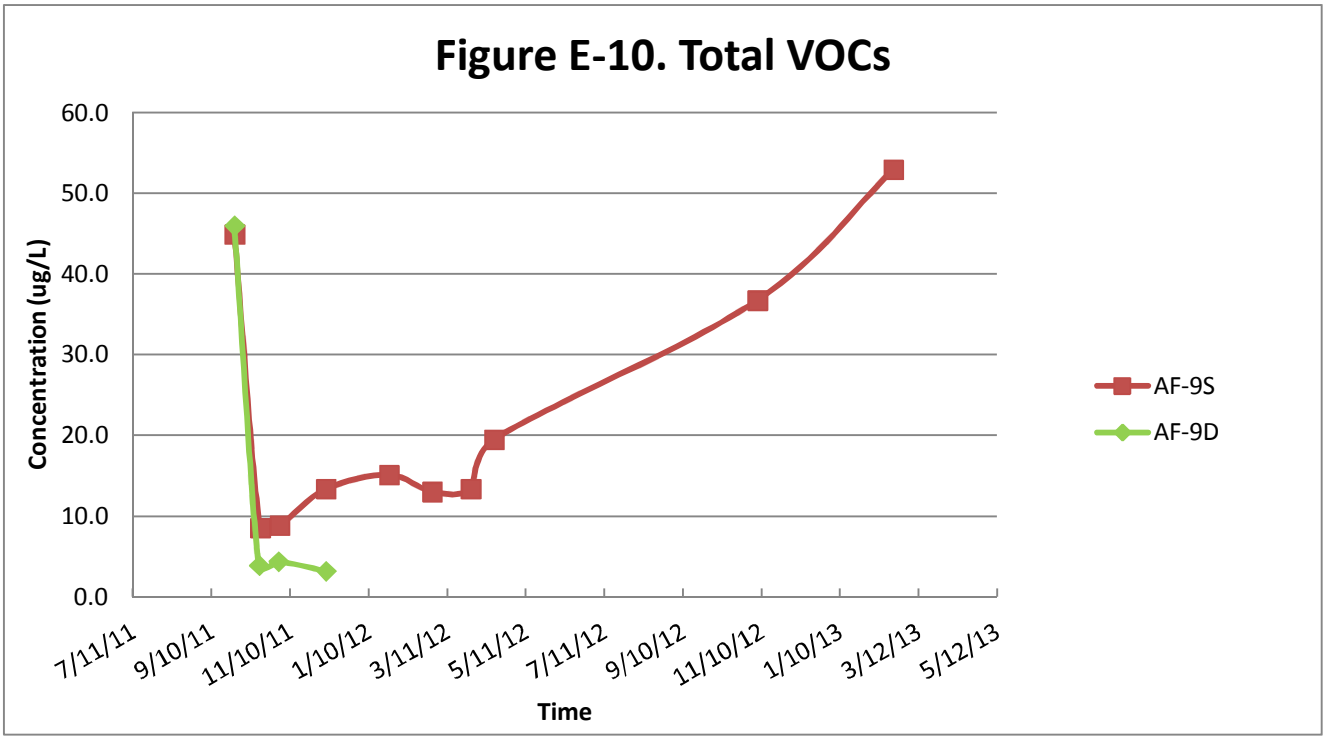


Figure E-10. Total VOCs
Concentration (ug/L)
Time
AF-9S
AF-9D

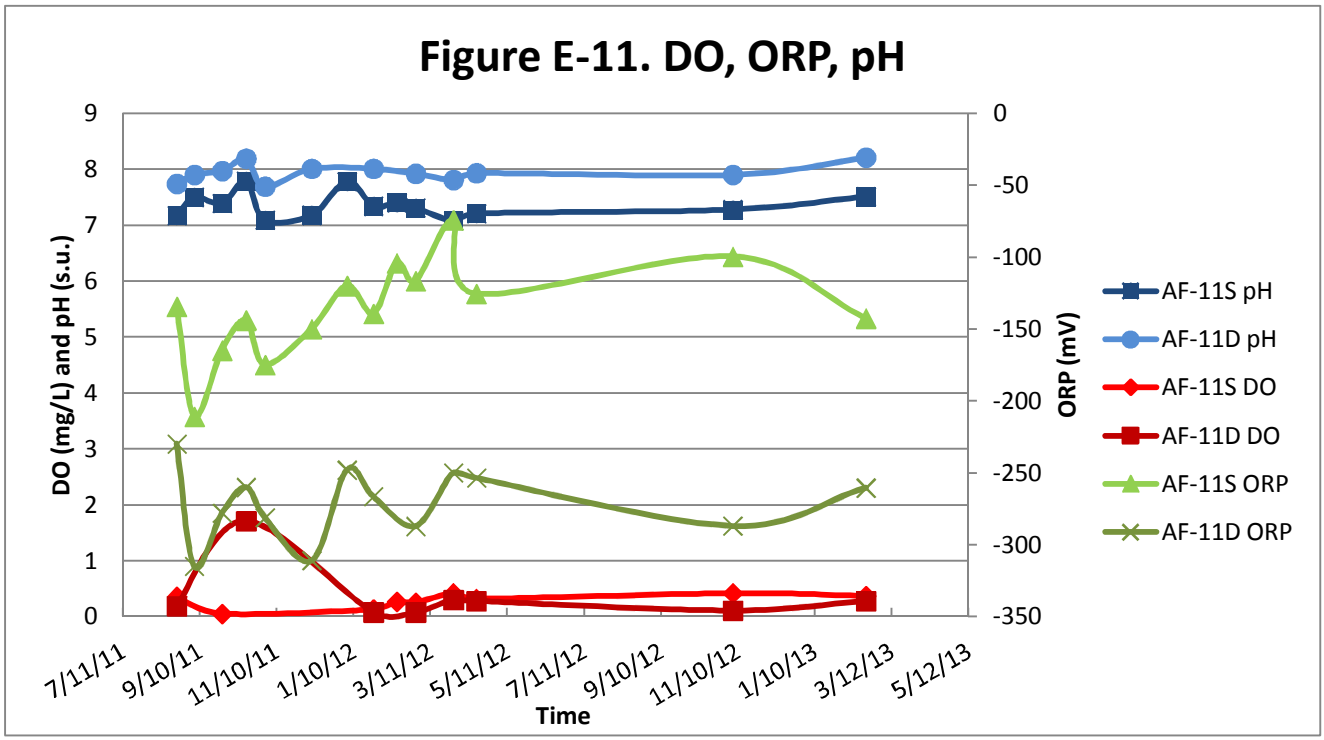


Figure E-11. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
Time
AF-11S pH
AF-11D pH
AF-11S DO
AF-11D DO
AF-11S ORP
AF-11D ORP

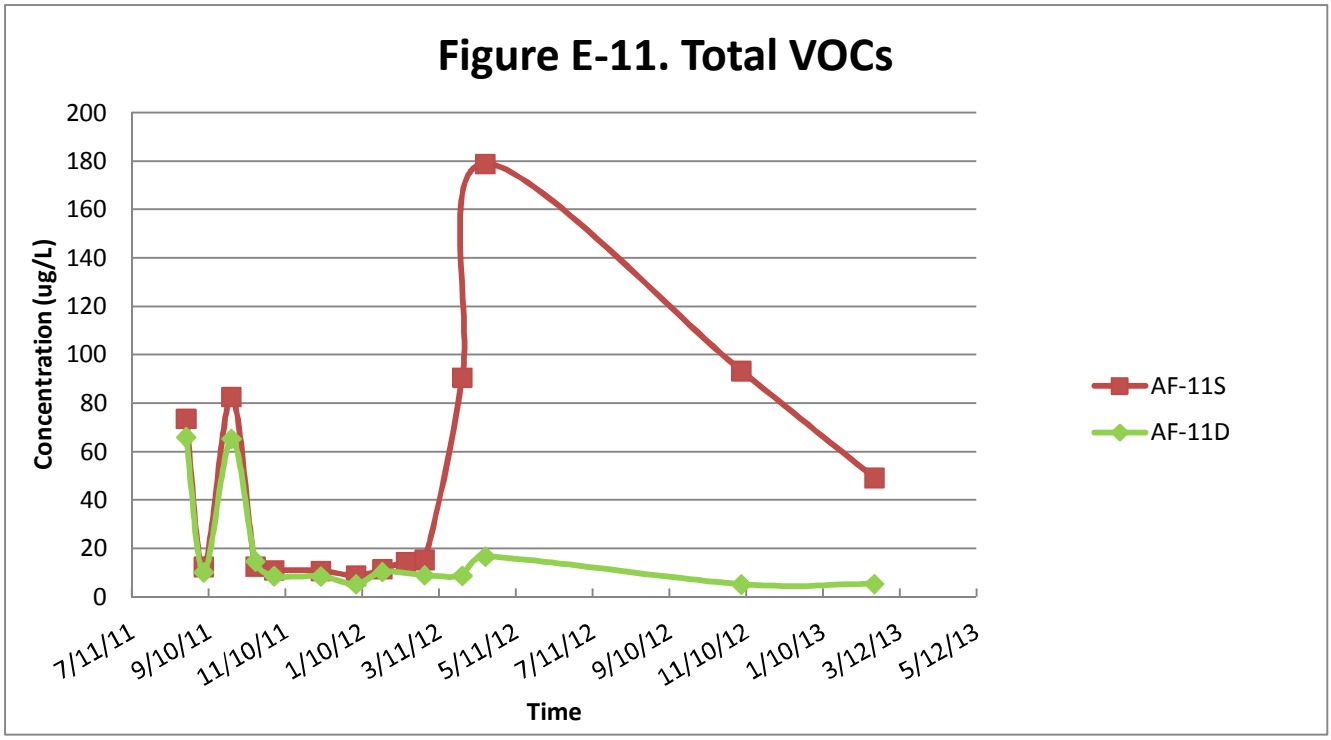


Figure E-11. Total VOCs
Concentration (ug/L)
Time
AF-11S
AF-11D

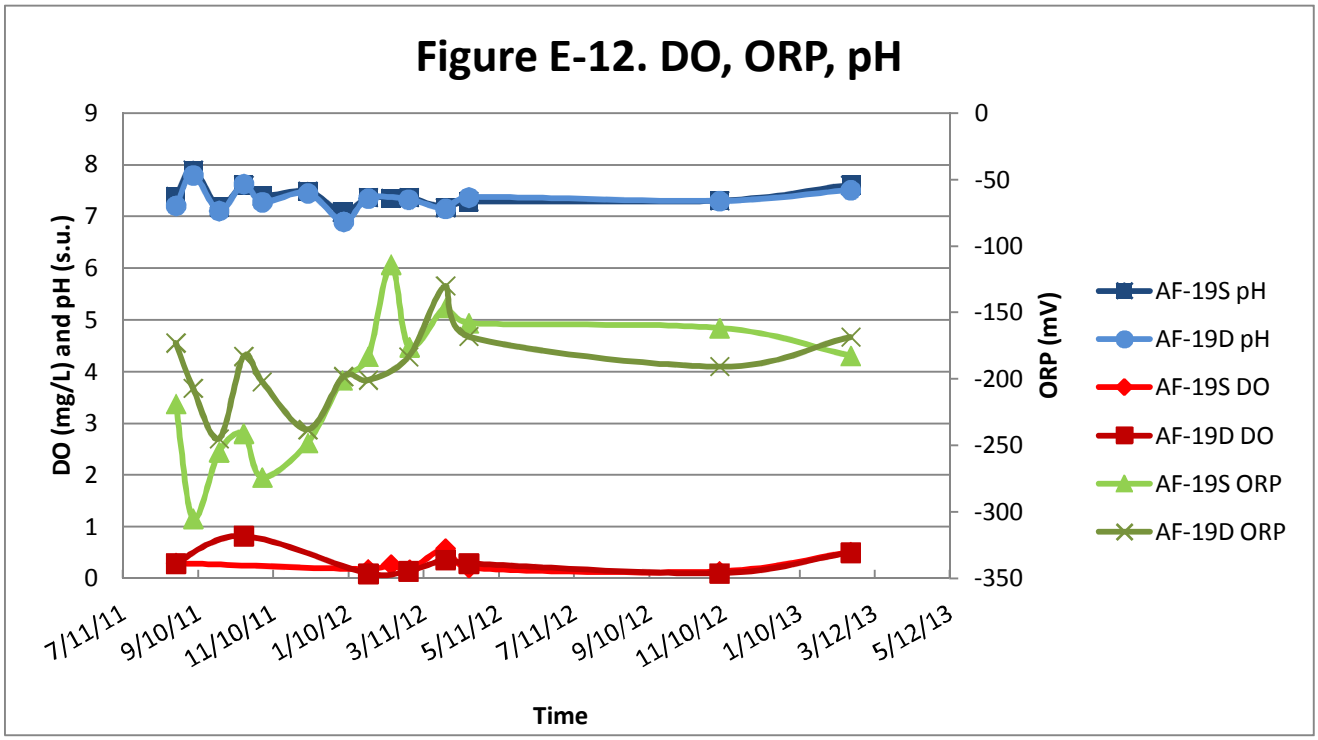


Figure E-12. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
Time
AF-19S pH
AF-19D pH
AF-19S DO
AF-19D DO
AF-19S ORP
AF-19D ORP

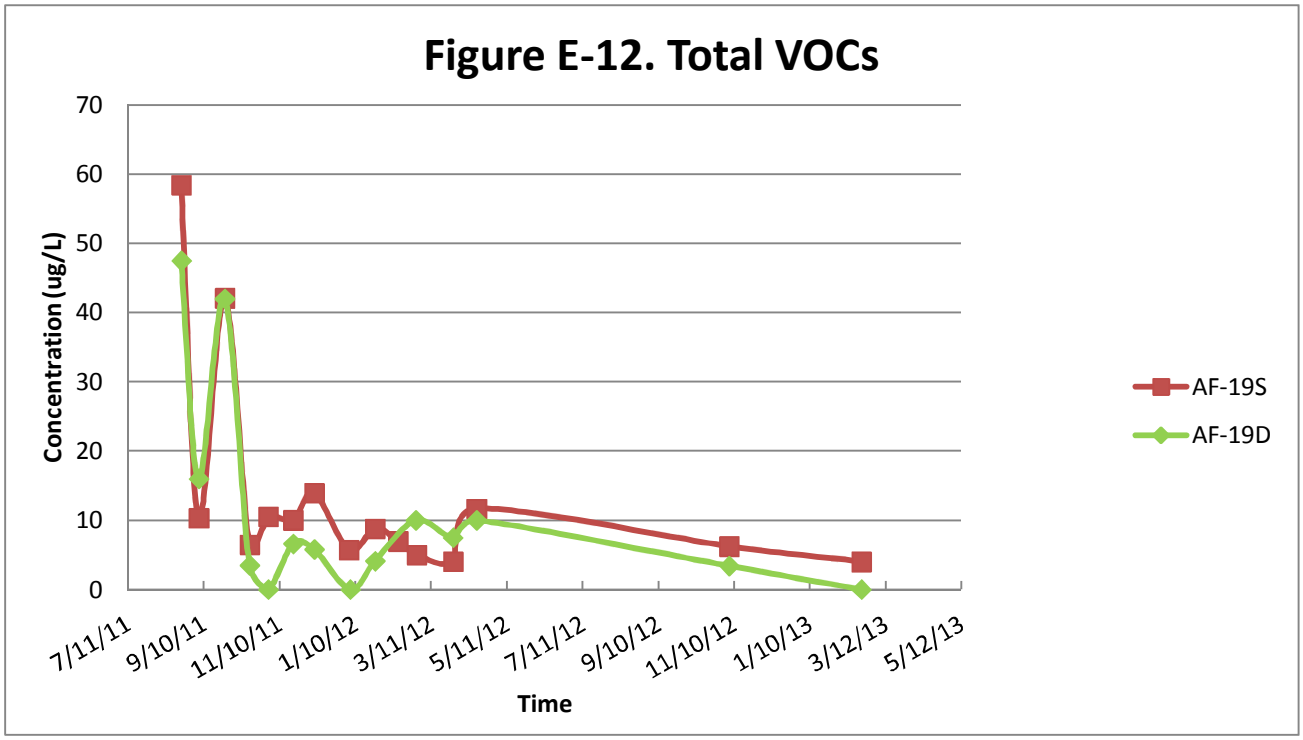


Figure E-12. Total VOCs
Concentration (ug/L)
Time
AF-19S
AF-19D

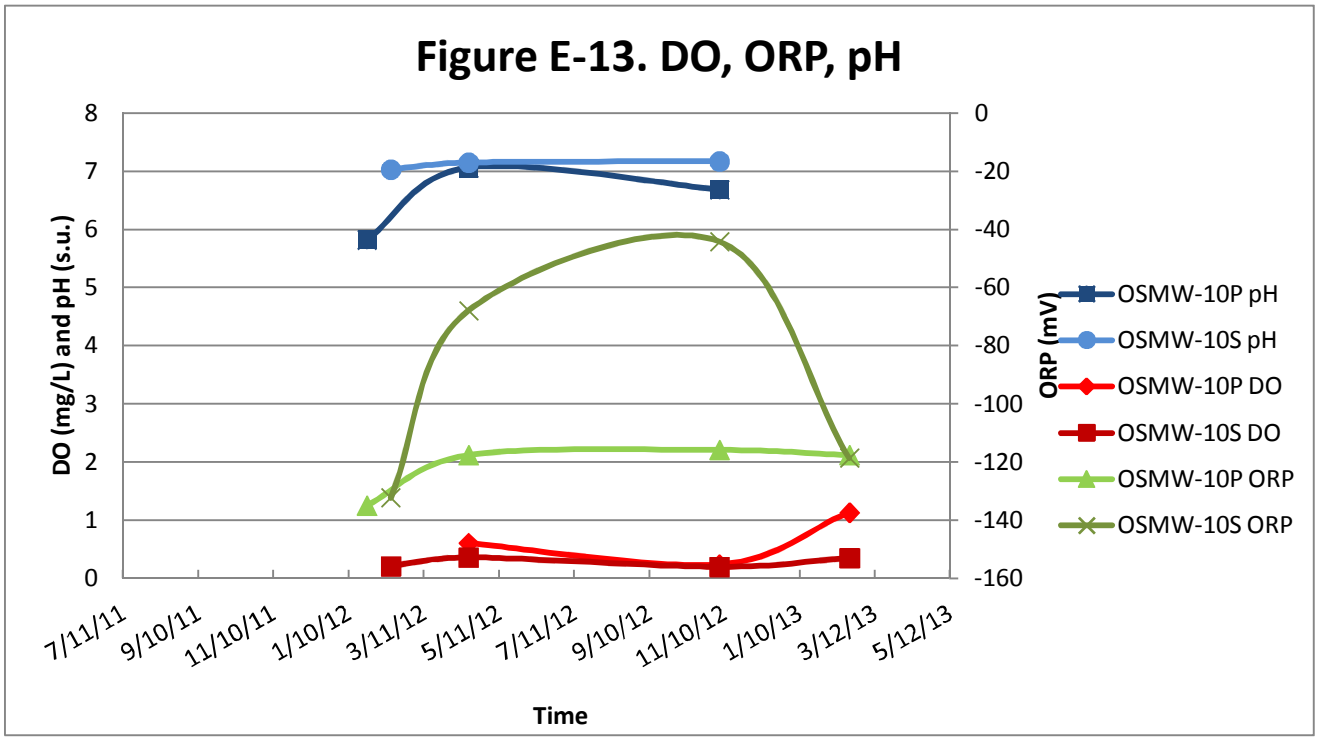


Figure E-13. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
8
7
6
5
4
3
2
1
0
0
-20
-40
-60
-80
-100
-120
-140
-160
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13
Time
OSMW-10P pH
OSMW-10S pH
OSMW-10P DO
OSMW-10S DO
OSMW-10P ORP
OSMW-10S ORP

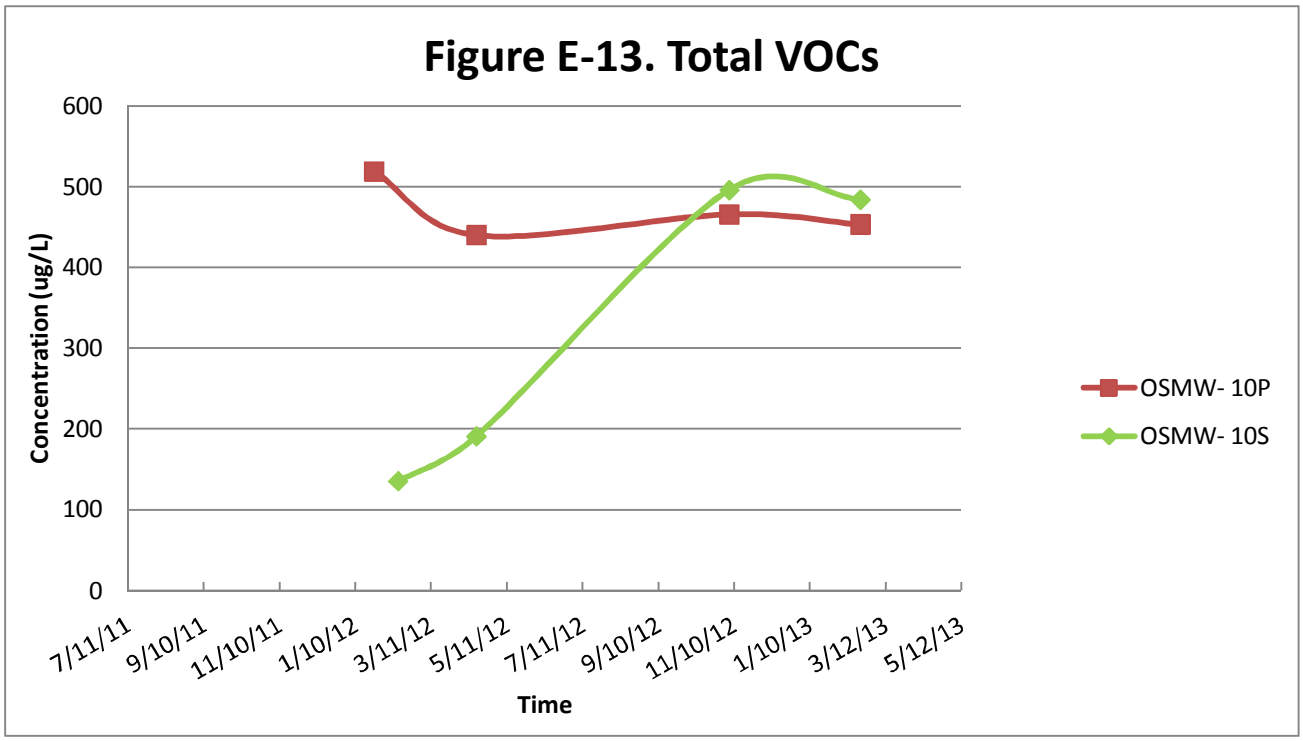


Figure E-13. Total VOCs
Concentration (ug/L)
600
500
400
300
200
100
0
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13
Time
OSMW- 10P
OSMW- 10S

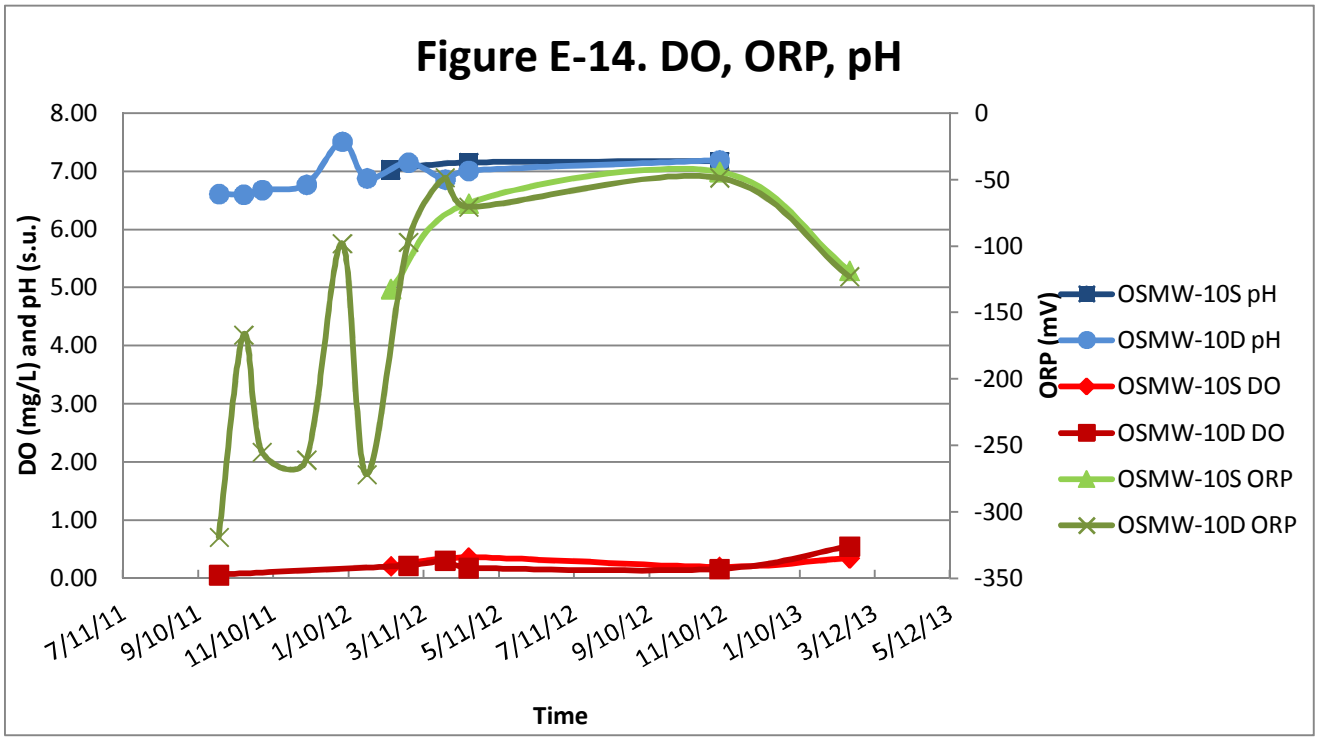


Figure E-14. DO, ORP, pH
DO (mg/L) and pH (s.u.)
ORP (mV)
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
0
-50
-100
-150
-200
-250
-300
-350
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13
Time
OSMW-10S pH
OSMW-10D pH
OSMW-10S DO
OSMW-10D DO
OSMW-10S ORP
OSMW-10D ORP

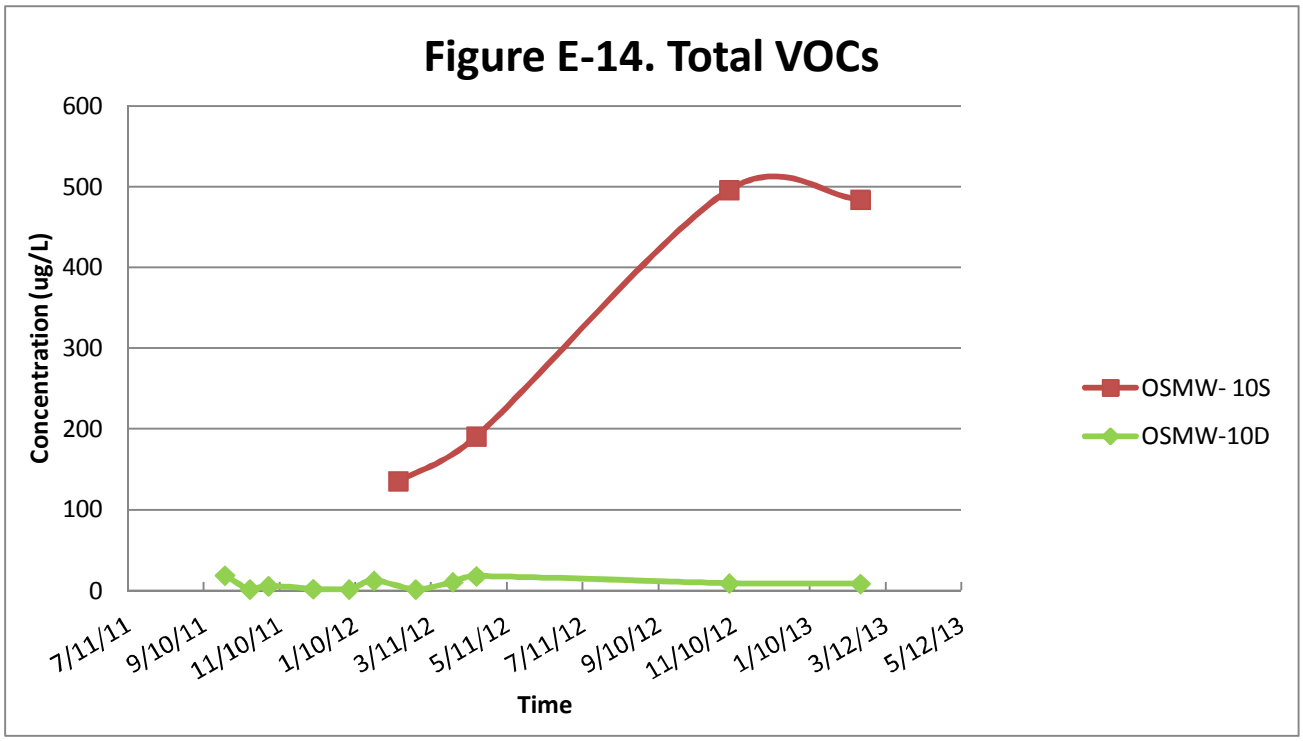


Figure E-14. Total VOCs
Concentration (ug/L)
600
500
400
300
200
100
0
7/11/11
9/10/11
11/10/11
1/10/12
3/11/12
5/11/12
7/11/12
9/10/12
11/10/12
1/10/13
3/12/13
5/12/13
Time
OSMW- 10S
OSMW-10D

Appendix F

Total VOC and CVOC Concentration Plots for Extraction Wells

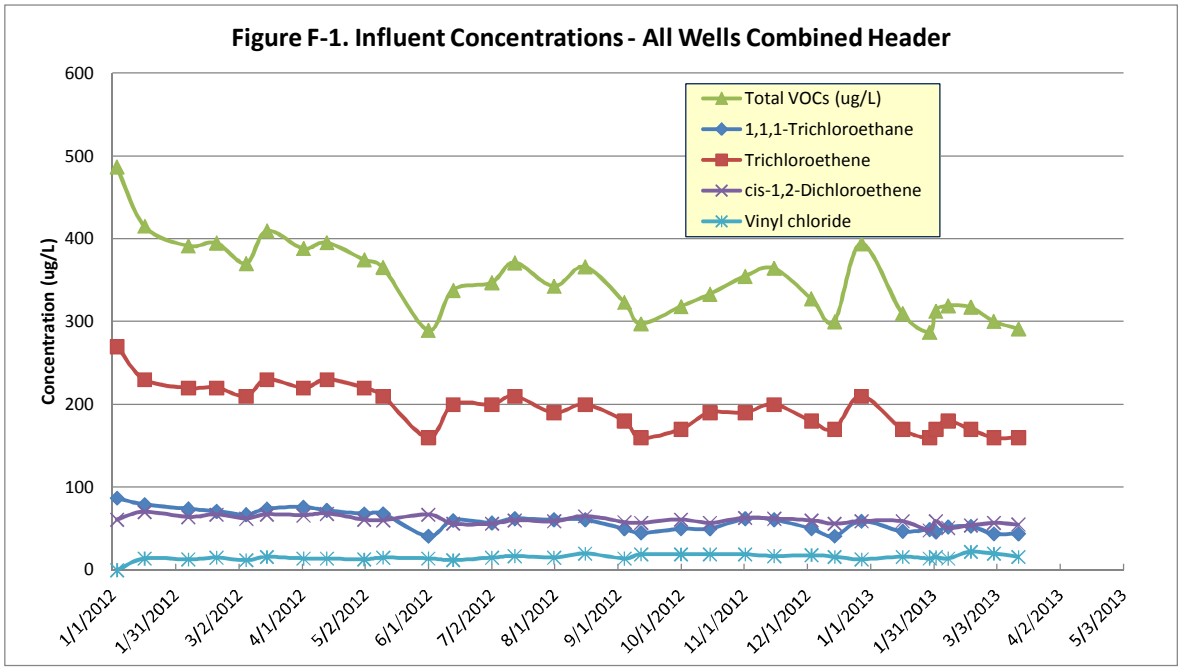


Figure F-1. Influent Concentrations - All Wells Combined Header
Concentration (ug/L)
600
500
400
300
200
100
0
Total VOCs (ug/L)
1,1,1-Trichloroethane
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
1/1/2012
1/31/2012
3/2/2012
4/1/2012
5/2/2012
6/1/2012
7/2/2012
8/1/2012
9/1/2012
10/1/2012
11/1/2012
12/1/2012
1/1/2013
1/31/2013
3/3/2013
4/2/2013
5/3/2013

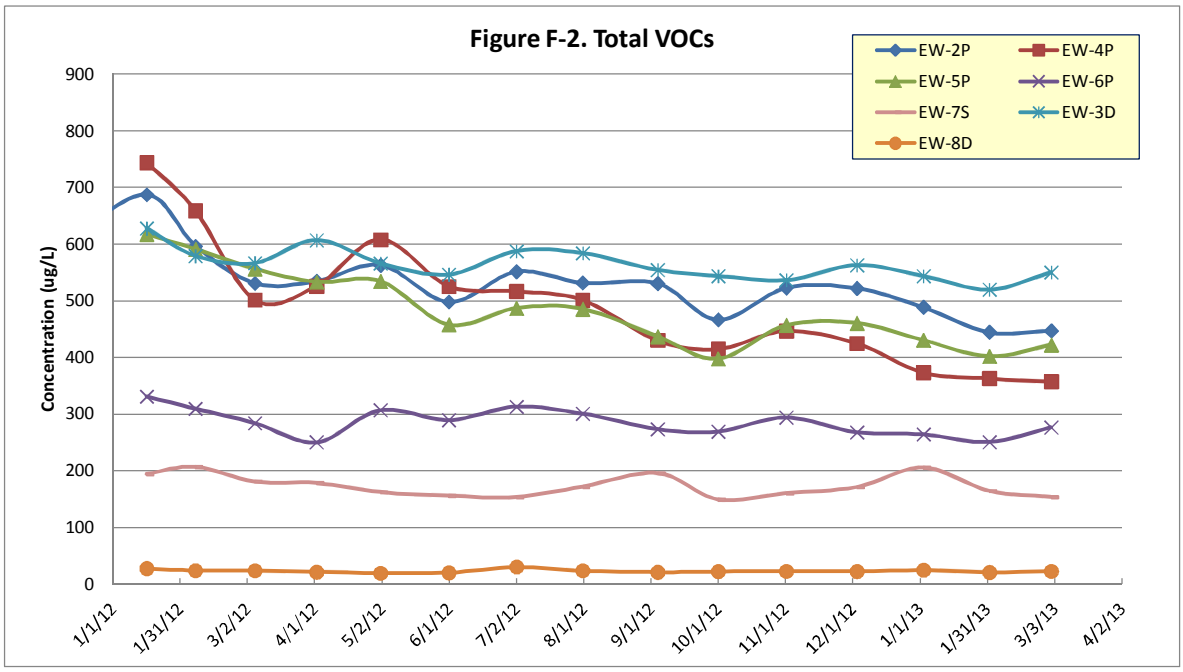


Figure F-2. Total VOCs
Concentration (ug/L)
900
800
700
600
500
400
300
200
100
0
EW-2P
EW-4P
EW-5P
EW-6P
EW-7S
EW-3D
EW-8D
1/1/12
1/31/12
3/2/12
4/1/12
5/2/12
6/1/12
7/2/12
8/1/12
9/1/12
10/1/12
11/1/12
12/1/12
1/1/13
1/31/13
3/3/13
4/2/13

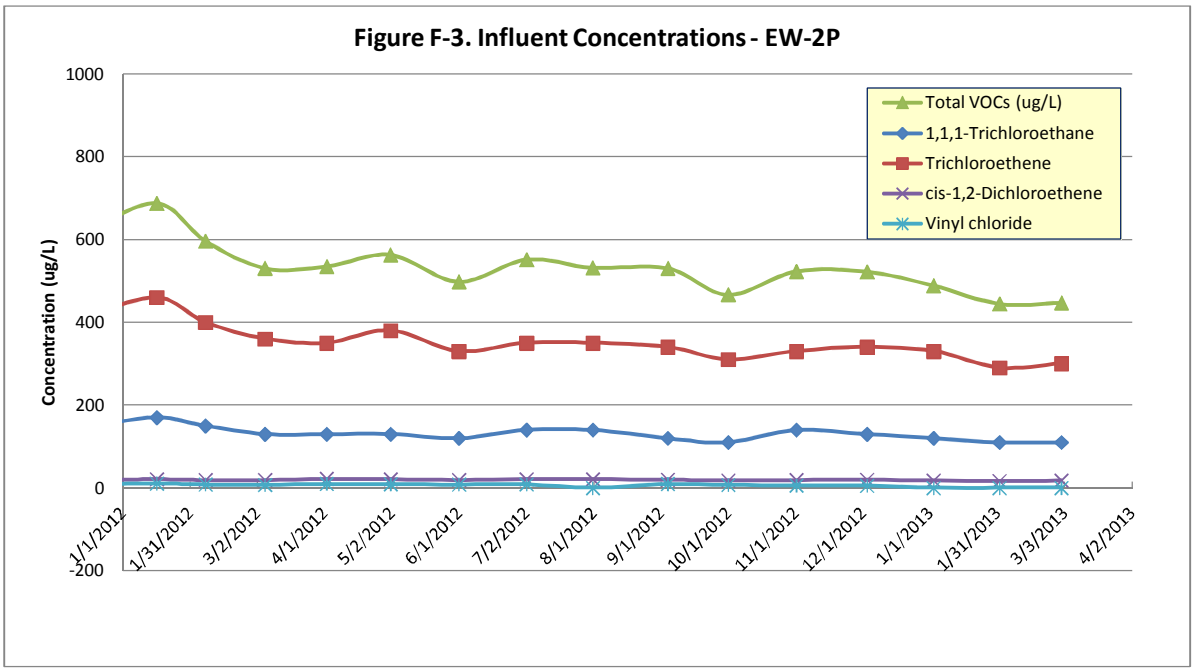


Figure F-3. Influent Concentrations - EW-2P
Concentration (ug/L)
1000
800
600
400
200
0
-200
1/1/2012
1/31/2012
3/2/2012
4/1/2012
5/2/2012
6/1/2012
7/2/2012
8/1/2012
9/1/2012
10/1/2012
11/1/2012
12/1/2012
1/1/2013
1/31/2013
3/3/2013
4/2/2013
Total VOCs (ug/L)
1,1,1-Trichloroethane
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride

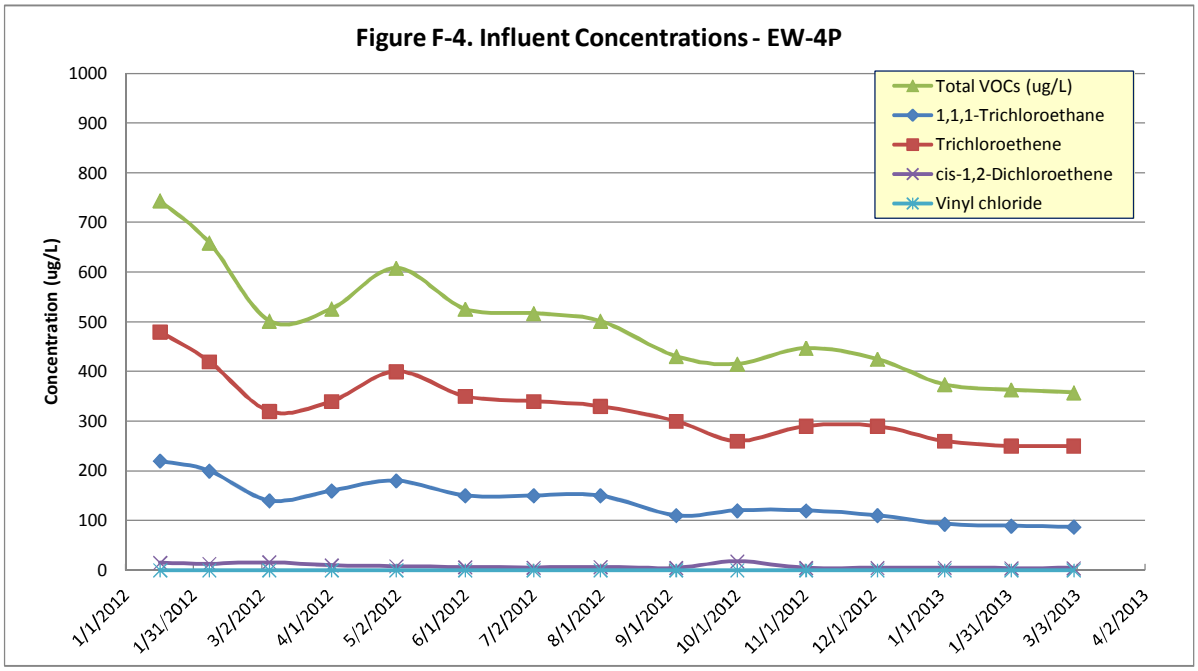


Figure F-4. Influent Concentrations - EW-4P
Concentration (ug/L)
1000
900
800
700
600
500
400
300
200
100
0
1/1/2012
1/31/2012
3/2/2012
4/1/2012
5/2/2012
6/1/2012
7/2/2012
8/1/2012
9/1/2012
10/1/2012
11/1/2012
12/1/2012
1/1/2013
1/31/2013
3/3/2013
4/2/2013
Total VOCs (ug/L)
1,1,1-Trichloroethane
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride

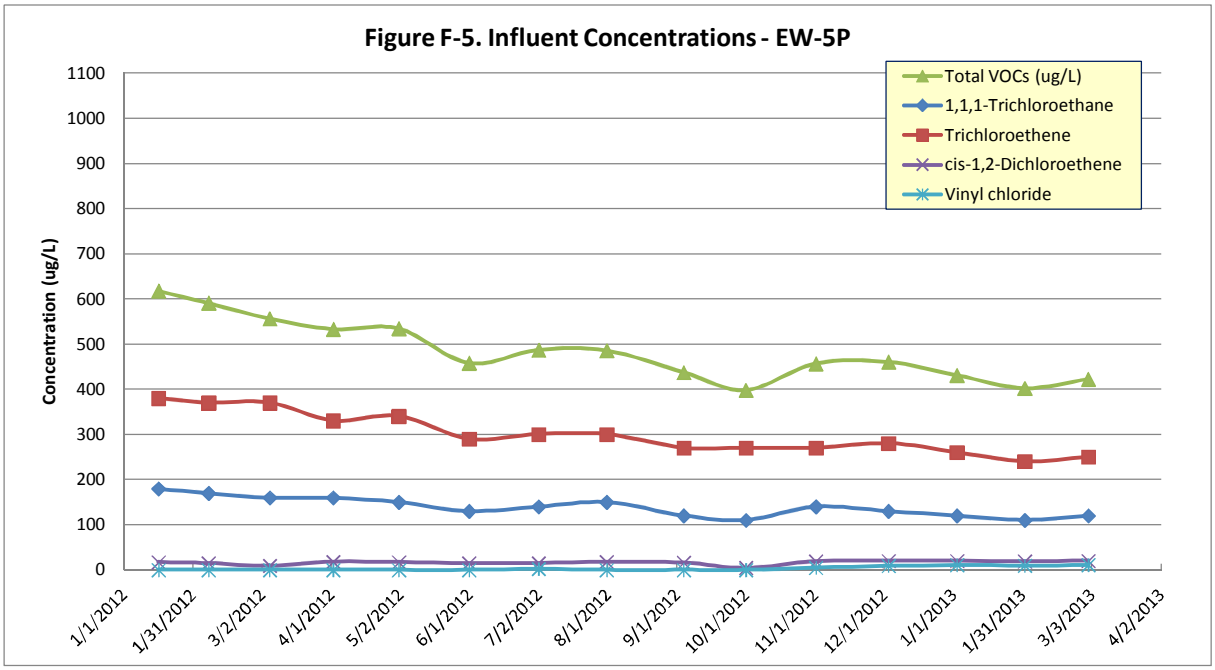


Figure F-5. Influent Concentrations - EW-5P
Concentration (ug/L)
1100
1000
900
800
700
600
500
400
300
200
100
0
1/1/2012
1/31/2012
3/2/2012
4/1/2012
5/2/2012
6/1/2012
7/2/2012
8/1/2012
9/1/2012
10/1/2012
11/1/2012
12/1/2012
1/1/2013
1/31/2013
3/3/2013
4/2/2013
Total VOCs (ug/L)
1,1,1-Trichloroethane
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride

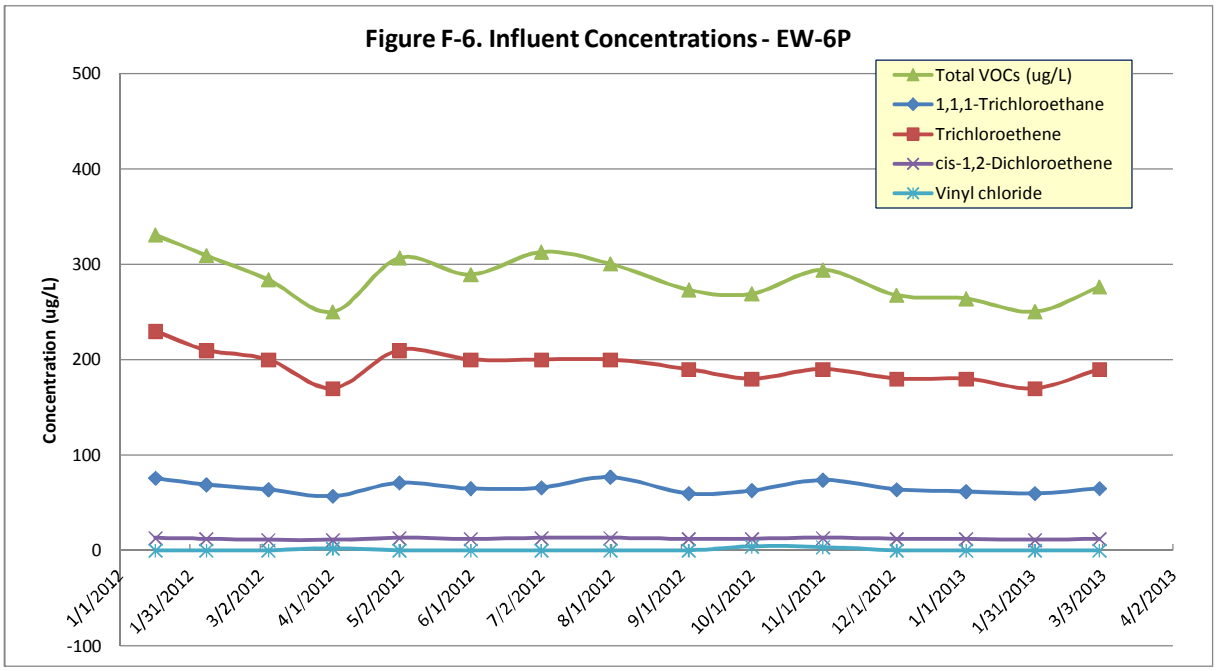
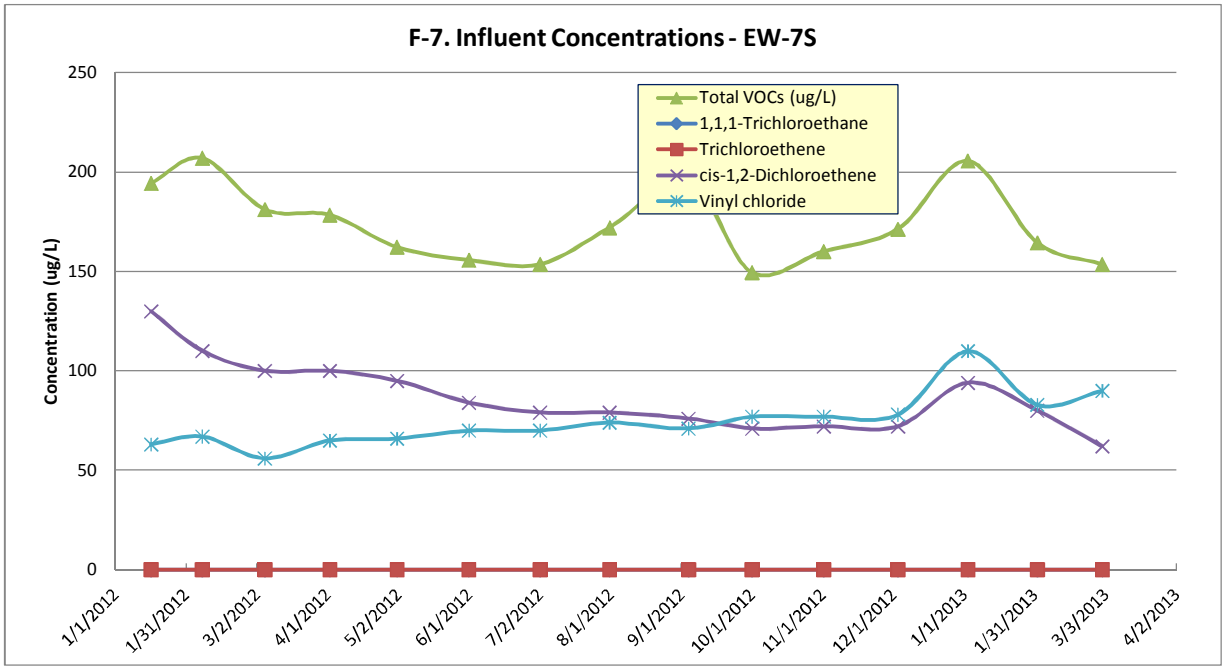
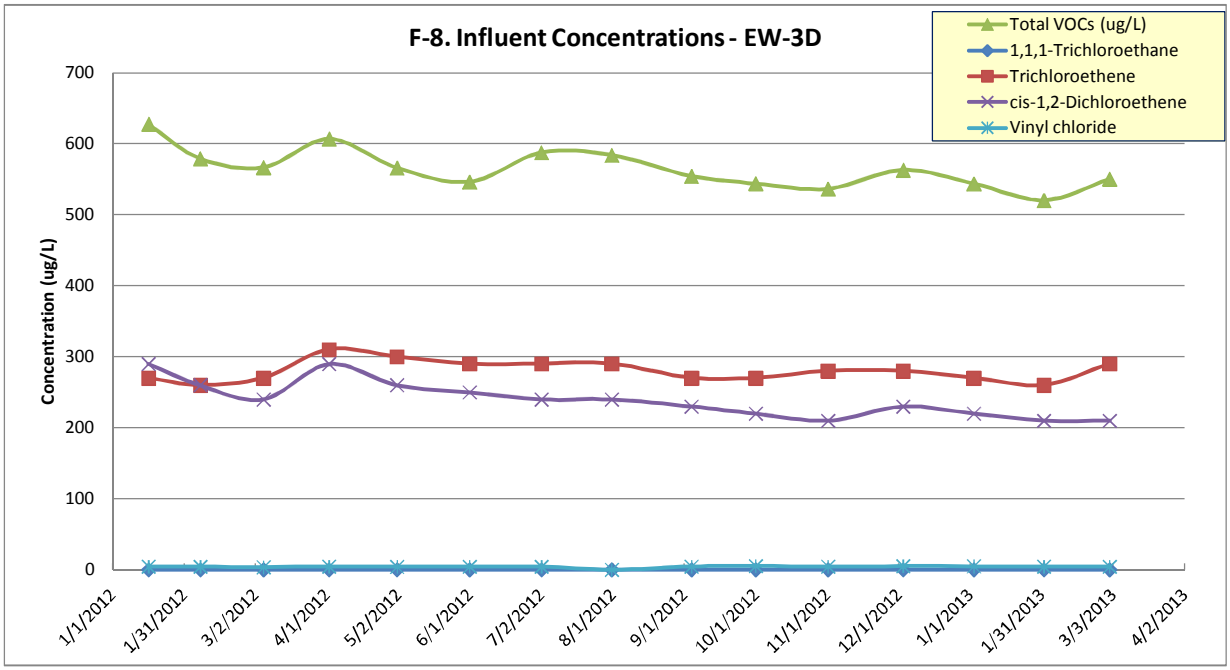
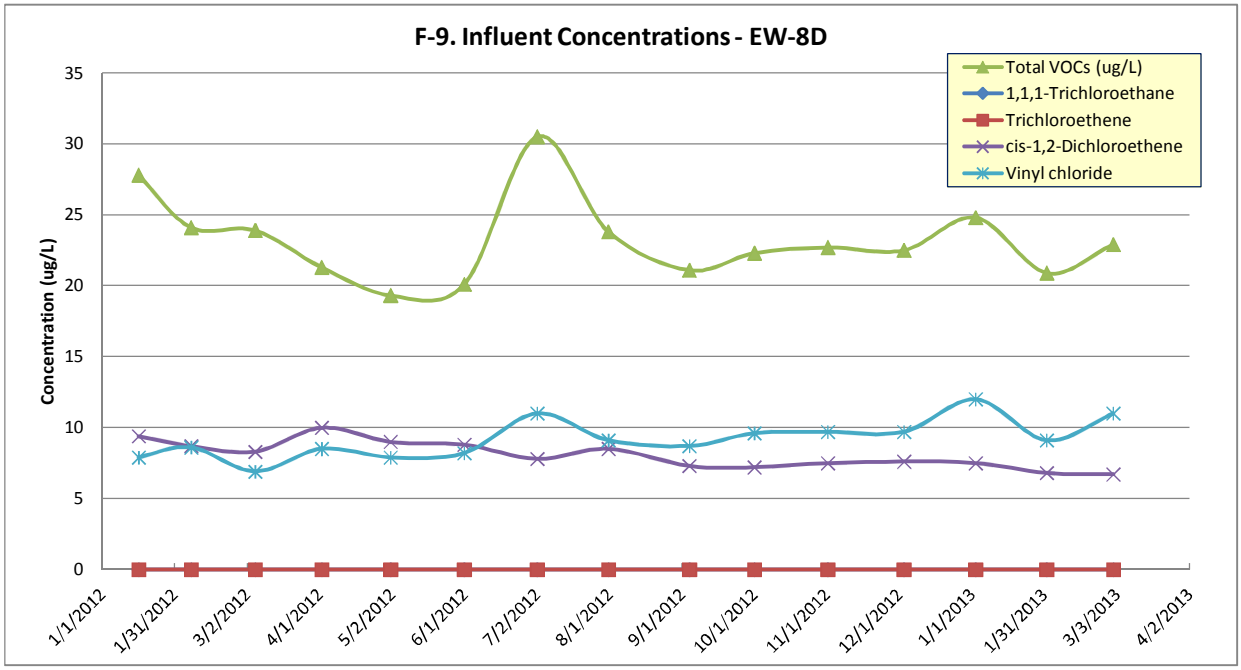


Figure F-6. Influent Concentrations - EW-6P
Concentration (ug/L)
500
400
300
200
100
0
-100
1/1/2012
1/31/2012
3/2/2012
4/1/2012
5/2/2012
6/1/2012
7/2/2012
8/1/2012
9/1/2012
10/1/2012
11/1/2012
12/1/2012
1/1/2013
1/31/2013
3/3/2013
4/2/2013
Total VOCs (ug/L)
1,1,1-Trichloroethane
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride


F-7. Influent Concentrations - EW-7S
Concentration (ug/L)
250
200
150
100
50
0
Total VOCs (ug/L)
1,1,1-Trichloroethane
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
1/1/2012
1/31/2012
3/2/2012
4/1/2012
5/2/2012
6/1/2012
7/2/2012
8/1/2012
9/1/2012
10/1/2012
11/1/2012
12/1/2012
1/1/2013
1/31/2013
3/3/2013
4/2/2013


F-8. Influent Concentrations - EW-3D
Total VOCs (ug/L)
1,1,1-Trichloroethane
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Concentration (ug/L)
700
600
500
400
300
200
100
0
1/1/2012
1/31/2012
3/2/2012
4/1/2012
5/2/2012
6/1/2012
7/2/2012
8/1/2012
9/1/2012
10/1/2012
11/1/2012
12/1/2012
1/1/2013
1/31/2013
3/3/2013
4/2/2013


F-9. Influent Concentrations - EW-8D
Total VOCs (ug/L)
1,1,1-Trichloroethane
Trichloroethene
cis-1,2-Dichloroethene
Vinyl chloride
Concentration (ug/L)
35
30
25
20
15
10
5
0
1/1/2012
1/31/2012
3/2/2012
4/1/2012
5/2/2012
6/1/2012
7/2/2012
8/1/2012
9/1/2012
10/1/2012
11/1/2012
12/1/2012
1/1/2013
1/31/2013
3/3/2013
4/2/2013

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