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**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

Prepared For:

Kraft Foods Group, Inc.

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Prepared By:

LBG ENGINEERING SERVICES, P.C.
Environmental and Civil Engineers
4 Research Drive, Suite 301
Shelton, CT 06484

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EXECUTIVE SUMMARY

On behalf of Kraft Foods Group, Inc. (Kraft Foods), LBG Engineering Services, P.C. (LBGES) has prepared the 2012 Annual Summary Report for the Former Rowe Industries Superfund Site (Site) located at 1668 Sag Harbor Turnpike in Sag Harbor, New York. The full-scale pump and treat (FSP&T) and focus pump and treat (FP&T) systems operated at the Site during 2012. The FSP&T system focuses on cleanup of volatile organic compounds (VOCs), the contaminants of concern (COCs), in the groundwater of the Upper Glacial Aquifer in the area located hydraulically downgradient from the former drum storage area (FDSA). The discharge of the FP&T system was routed to the Equalization (EQ) tank of the FSP&T system and the focus recovery wells (FRWs) resumed operation on September 22, 2008 to remediate the COCs in the perched groundwater in the FDSA. The FP&T system operated until July 30, 2012 at which time the FRWs were shut down and remained off for the remainder of 2012. The FP&T system was shutdown to assess if rebound of contaminant concentrations occurs during non-pumping conditions and to obtain additional groundwater quality data necessary to evaluate the possibility of using alternative technologies to remediate the remaining contaminants in the FDSA.

The following conclusions and recommendations are based on the performance of the FSP&T and FP&T systems during 2012.

FSP&T

1. The recommended SPDES discharge quality criteria for VOCs were not exceeded in any discharge samples in 2012.
2. Following the RW rehabilitation in the spring of 2012, operation of RWs-3, 5, 8 and 9 was discontinued with the approval of the EPA and NYSDEC. A limited recovery well shutdown plan (Plan) was developed (by LBG dated May 29, 2012) and

concurrently approved shortly thereafter by EPA and NYSDEC. The plan included groundwater monitoring protocol for the recently shutdown recovery wells.

3. During 2012, the concentrations of PCE, TCE and TCA in the downgradient plume of impacted groundwater in the Upper Glacial Aquifer were below ARARs in samples from all recovery wells and monitor wells tested, with the exception of the concentrations of TCA in the groundwater samples from MW-43A of 7.6 µg/l and 5.7 µg/l in March and September, respectively.
4. The concentrations of PCE, TCE and TCA continue to slowly decrease with time in the downgradient plume. The highest concentrations of PCE, TCE and TCA in the downgradient plume remain along Carroll Street in the vicinity of MW-43, MW-53, RW-6 and RW-7. The continued improvement in water quality suggests the operation of the remaining active recovery wells (RW-2, 4, 6 and 7) should be able to be discontinued in the near future. Therefore, LBG is proposing to discontinue the operation of RWs-4, 6 and 7 in the second half of 2013 using a similar shutdown plan and monitoring plan that was previously approved by the EPA and NYSDEC in 2012.
5. Concentrations of PCE, TCE and TCA were below the ARARs (5 µg/l) in the groundwater samples from RW-1, RW-3, RW-5, RW-8 and RW-9 during 2012. Therefore, these recovery wells will remain off and semi-annual collection of samples from RW-1 and quarterly collection of groundwater samples from RW-3, RW-4, RW-8 and RW-9 is scheduled for 2013 pursuant to the approved RW Monitoring Plan.
6. Groundwater elevation contour maps, from which the capture zones of the recovery wells are defined, provide evidence that the remaining plume is being captured by the recovery wells.
7. Surface and groundwater levels at Lily Pond and Ligonee Brook were not impacted by the operation of the FSP&T System. Water levels at these locations were

- measured in March and September 2012. Groundwater levels in the piezometers at these locations will continue to be measured during semi-annual groundwater monitoring events. The purpose of surface and groundwater level monitoring at Lily Pond and Ligone Brook is no longer to assess impact from the FSP&T system but to continue monitoring groundwater elevation.
8. The maximum allowable vapor emissions from the FSP&T system of 0.022 lbs/hr were not exceeded in 2012. Vapor emissions, averaging 0.00073 lbs/hr, remain well below the maximum allowable vapor emissions limit. LBGES will continue to analyze vapor samples on a monthly basis.
 9. Airflow through the air-stripper tower in 2012 ranged from approximately 2,574 scfm to 2,952 scfm and was adequate to treat the water by stripping the COCs from the influent water.
 10. Recovery well rehabilitation to improve well performance was completed in April and May 2012 for recovery wells RW-2, 3, 4, 5, 6, 7, 8 and 9. The well rehabilitation efforts continue to be effective in the wells where high iron concentrations in the groundwater result in biofouling, which is the primary cause of reduced yield (RW-2, 4, 8 and 9). This finding was based on an increase in specific capacity, an increase in the pumping rate, or a reduction in the percent motor speed for a given flow setting after rehabilitation of the wells. For additional information regarding the 2012 well rehabilitation work and results, refer to Appendix A.
 11. All operating recovery wells will be evaluated in 2013 to determine what level of well rehabilitation is needed at that time. Well rehabilitation with the use of UnacidTM is scheduled for RW-2 and 4. Mechanical rehabilitation is scheduled for RW6. If water quality results continue on their present trend, then RW-4, RW-6 and RW-7 will be proposed for shut down during the fall/winter of 2013.

12. Following well rehabilitation activities, biofouling and iron bacteria encrustation was removed from the sump of the air-stripper tower in May and June 2012 and taken from the property for disposal as hazardous waste. The accumulation of biofouling and iron bacteria encrustation in the components of the remediation system is caused by normal system operation. No significant accumulation of biofouling or iron bacteria encrustation was observed on the packing material in the air-stripper tower during 2012. The pattern of biofouling and iron bacteria encrustation accumulation in the treatment system suggests that the iron bacteria in the treated water continue to pass through the packing of the tower. In 2013, the air-stripper tower packing material and the tower sump will be inspected periodically for biofouling and iron bacteria encrustation, and backwashed and/or cleaned as needed.
13. Biofouling and iron bacteria encrustation was removed from the equalization tank, bag filter housings and transfer tank in May 2012. The biofouling and iron bacteria encrustation from these tanks were removed and disposed of as hazardous waste following well rehabilitation activities. The accumulation of biofouling and iron bacteria encrustation at these locations is caused by normal system operation.
14. A total of 225.2 lbs of VOCs has been recovered by the FSP&T and FP&T system since startup in December 2002. The recovered mass of VOCs exceeds the initial general estimate for total dissolved-phase VOCs (183 lbs) provided by the original groundwater model. This difference suggests that some of the COC mass that was recovered (and continues to be recovered) is being desorbed from the soil to the groundwater. Continuation of the decreasing rate of VOC recovery (based on COC desorption rates) is anticipated with ongoing operation of the FSP&T system.
15. During 2012, the FSP&T system operated an average of 75.4% of the time. The FSP&T system was down for extended periods during the month of May for scheduled maintenance.

16. Based on reduced operation of the FSP&T system, LBG will assess if it's appropriate to reduce the frequency of groundwater quality, groundwater elevation and vapor emission monitoring.

FP&T SYSTEM

1. The FRW's operated between January 1, 2012 and April 19, 2012; then again between June 7, 2012 and July 30, 2012. The FRW's were shut down on July 30, 2012 in order to evaluate the groundwater quality under non-pumping (static) conditions. The FRWs remained off for the remainder of 2012. The need to restart the FP&T system will be evaluated in 2013. If water quality data in 2013 demonstrates no rebound under static conditions and that COCs are not migrating beyond the FDSA then monitored natural attenuation (MNA) will be proposed as a remedial approach. Otherwise, the FP&T system will be restarted to continue the active remediation of impacted groundwater in the FDSA and to control COC migration.
2. Concentrations of PCE, TCE, 1,2-DCE and vinyl chloride (VC) in the groundwater samples from the FP&T recovery wells varied throughout 2012. The highest PCE concentration in the FDSA was detected in groundwater samples from FRW-1 during May 2012, approximately one month following the shutdown of FRW-1.
3. Concentrations of TCE increased above the ARAR (5 µg/l) and concentrations of VC increased above the New York State Department of Environmental Conservation (NYDEC) ambient water quality standard (1 µg/l) in groundwater samples during 2012 due to the shutdown of the four FRW wells.
4. Recovery well maintenance to improve well performance was completed in May 2012 for recovery wells FRW-1 through FRW-4. The maintenance event consisted of evacuating accumulated sediment from the recovery well sumps, and cleaning and

inspecting the pumps. If the decision is made to restart FRW-1 through FRW-4 during 2013, then maintenance will be scheduled as needed.

5. Following recovery well maintenance activity, sediment was evacuated from the equalization tank. The below-grade piping connecting the FP&T and FSP&T systems was cleaned once during 2012.

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I. INTRODUCTION

On behalf of Kraft Foods Group, Inc. (Kraft Foods), LBG Engineering Services, P.C. (LBGES) has prepared the 2012 Annual Summary Report for the former Rowe Industries Superfund Site (Site) located at 1668 Sag Harbor Turnpike in Sag Harbor, Suffolk County, New York. The purpose of this report is to present a performance summary of the Full Scale Pump and Treat (FSP&T) system (Section II) and a summary of activities that occurred during operation of the Focused Pump and Treat (FP&T) system (Section III). A summary of the waste generated for the Site is included in (Section IV) and The conclusions and recommendations for future actions at the Site are included in (Section V). Site maps are provided as Figures 1 and 2.

II. FULL SCALE PUMP AND TREAT SYSTEM

This section of the report provides a summary of the performance of the FSP&T system with respect to operation and maintenance (O&M) activities, water-quality data, air quality data and hydrogeological data.

A total of 94,433,767 gallons of groundwater from the downgradient Recovery Wells (RW's) and the Focus Recovery Wells (FRWs) was treated through the FSP&T system from January 1, 2012 to December 31, 2012. A total of 2.5 pounds of volatile organic compounds (VOCs) was recovered by the FSP&T system from December 27, 2011 to December 28, 2012.

A. Operation and Maintenance (O&M) Activities

The system operated for 75.4% of the time during 2012, which equates to a total of 275 days out of a possible 366 days. Summaries of O&M activities and details of monthly O&M were provided in the monthly status reports.

In the 2010 annual report, LBGES recommended discontinuing the operation of RW-3, RW-5, RW-8 and RW-9 based on the improving water quality and the results of the capture zones developed from groundwater levels measured during March 2010. LBGES received EPA authorization for discontinuing the operation of these wells on May 1, 2012 and submitted a

formal Limited Recovery Well Shut-Down Plan (Plan) dated May 29. The Plan included a revised groundwater monitoring schedule to obtain data to assess the capture of the plume and to detect any rebound of plume concentrations. The plan also included:

- continuation of groundwater quality monitoring at RW-3, 5, 8 and 9 on a prescribed schedule and an increase in the frequency of monitoring at select monitor wells;
- depth-to-water measurements for capture zone evaluation with the new pumping scenario; and
- if concentrations of the COCs in any of the shutdown recovery wells rebound above the ARARs for two consecutive monitoring events, then those recovery wells would be re-activated.

With the reduced number of operating recovery wells, the total combined flow into the FSP&T treatment system was correspondingly reduced. The reduced flow required modifications to the FSP&T, including modification to the piping and transfer pumps to reduce water hammer which, based on operational experience, is caused by the more frequent cycling of the transfer pumps due to the reduced flow.

B. Water-Quality Data

The analytical results of all weekly effluent water-quality sampling events for the FSP&T system in 2012 have been below the recommended state pollutant discharge elimination system (SPDES) Equivalent Effluent Criteria and are summarized in Table 1. The New York State Department of Environmental Conservation (NYSDEC) renewed the SPDES Equivalent Effluent Criteria for the Site on October 1, 2011. The duration of the SPDES permit is five years and will be renewed in 2016 if necessary. The minimum pH value in the SPDES permit has been set at 5.0 to reflect the historically natural pH conditions in the groundwater at the Site.

C. Recovery Well Performance

Table 2 presents average groundwater quality parameters measured in the field at the recovery wells sampled on a monthly basis during 2012. The table includes pH, temperature, turbidity, dissolved oxygen (DO), conductivity, and oxidation reduction potential (ORP). A

calibrated Horiba U-22 water quality meter was used for all the measurements in 2012. The average pH of the groundwater measured at each FSP&T recovery well ranged from 5.46 (RW-9) to 6.01 (RW-3).

Table 3 presents a summary of the construction details of the recovery wells RW-1 through RW-9 and FRW-1 through FRW-4. The table summarizes the top of casing elevations, well diameters, total depth, screen and casing setting and the material used in the well construction. Table 4 presents a summary of recovery well operation for 2011 and 2012. The table includes the total volume of water pumped and the average flow rate from each recovery well. The total volume of water value represents groundwater recovered from both the FSP&T and FP&T system recovery wells.

The decrease in the volume of water pumped through the FSP&T between the years 2011 and 2012 is attributed primarily to the shutdown of RW-3, 5, 8 and 9 following well rehabilitation activities. The average flow rate from RW-4 was also slightly lower in 2012 than in 2011, due to an increase in the iron bacteria fouling in this recovery well and/or its associated piping.

The pumping rate has been set at 15 gpm for RW-6 since June 2005 to prevent excessive groundwater drawdown that could de-water the pump. As previously discussed in monthly status reports, the increase in groundwater drawdown in RW-6 is believed to be caused by a combination of factors, including finer soils in the immediate vicinity of RW-6 and microbial growth that is resistant to well rehabilitation efforts.

Based on a review of the hourly operational data for RW-6 in 2012, a summary of which is presented in Table 5, the groundwater drawdown has varied between 26.01 feet (ft) (post-redevelopment) and 39.67 ft (pre-redevelopment) at an average pumping rate of 15 gpm. Groundwater drawdown in RW-6 increased steadily in 2012; reflecting the normal pattern of declining well efficiency that has been documented for this well. Drawdown in RW-6 will continue to be monitored monthly through 2013 and this well will be scheduled for redevelopment in 2013.

Table 6 presents a summary of the groundwater quality results from monthly sampling of the operating recovery wells in the FSP&T system for 2011 and 2012 and the groundwater quality results from RW-1 for 2004 through 2012. The 2011 and 2012 time periods are

presented to assist with evaluating trends and for easy reference to highlight a few key points discussed below.

Graph 1 illustrates annual average tetrachloroethylene (PCE), trichloroethene (TCE), and 1,1,1-trichloroethane (TCA) concentrations in the groundwater at RW-2 through RW-7 for 2012. PCE, TCE and TCA were not detected above the quantifiable laboratory reporting limit of 0.5 µg/l in groundwater samples collected from RW-1, RW-8 and RW-9 in 2012. However, during the month of May, low concentrations of toluene (0.94 µg/l (micrograms per liter) and 0.75 µg/l) were detected in samples from RW-8 and RW-9, respectively. During both 2012 semi-annual sampling events, low concentrations of chloroform (1.3 µg/l and 0.7 µg/l) were detected in the samples from RW-1; these detections being consistent with historical chloroform detection in the groundwater samples from RW-1. The concentrations are also well below the ARAR of 7 µg/l for chloroform.

PCE, TCA and/or TCE continue to be detected in groundwater samples collected from RW-2, RW-3, RW-4, RW-5, RW-6 and RW-7, but at concentrations below the ARAR of 5 µg/l. PCE, TCA and TCE were not detected in groundwater samples from RW-1, 8 and 9.

Graph 2 illustrates monthly PCE concentrations in groundwater from recovery wells RW-2, RW-4, RW-6 and RW-7. This graph excludes RW-1, RW-3, RW-5, RW-8 and RW-9 because PCE was either not detected in groundwater samples from these recovery wells in 2012 or present at very low, estimated concentrations. The PCE concentrations in the groundwater at RW-2, RW-4, RW-6 and RW-7 were below the ARAR of 5 µg/l in 2012. PCE was detected in groundwater from recovery wells RW-3, RW-5, RW-8 and RW-9, however, the concentrations were below the laboratory quantifiable limit of 0.5 µg/l and are reported as an estimated concentration by the laboratory. 2012 is the second consecutive year that PCE concentrations in groundwater samples collected from the downgradient recovery wells (RW-2 through RW-9) were below the chemical specific ARAR of 5 µg/l for the entire year.

Graph 3 illustrates the monthly TCA concentrations in groundwater for recovery wells RW-2, 3, 4, 5, 6 and 7. RW-1, RW-8 and RW-9 are excluded from this graph because TCA was not detected in groundwater samples from these wells during 2012. Where detected, TCA concentrations in the downgradient recovery wells were all below the ARAR of 5 µg/l in 2012.

PCE, TCA and TCE concentrations have been at or below the ARAR of 5 µg/l in groundwater samples collected from:

- RW-2 for 46 consecutive months (3 year and 10 months);
- RW-3 for 66 consecutive months (5 years and 6 months);
- RW-4 for 28 consecutive months (2 year and 4 months);
- RW-5 for 73 consecutive months (6 years and 1 month);
- RW-6 for 25 consecutive months (2 year and 1 month);
- RW-7 for 30 consecutive months (2 year and 6 months);
- RW-8 for 90 consecutive months (7 years and 6 months); and
- RW-9 for 90 consecutive months (7 years and 6 months).

Following the 2012 well rehabilitation activities, recovery wells RW-3, RW-5, RW-8 and RW-9 were shut down with EPA and NYDEC approval.

D. Semi-Annual Groundwater Sampling

Semi-annual groundwater samples were collected and analyzed from recovery wells and select monitor wells in March and September 2012. Tables 3 and 7 present a summary of the construction details and dates of construction of the recovery and monitor wells, respectively. The PCE, TCE and TCA concentrations are summarized in Tables 8, 9 and 10, respectively. The laboratory reports for the March and September 2012 sampling events are presented in Appendix B.

VOC concentrations were not detected above the laboratory reporting limit of 0.5 µg/l in the groundwater samples from monitor wells MW-B1, MW-B2, MW-B3 and MW-B4 near the recharge basin in March and September 2012. Trace or laboratory estimated concentrations of several VOCs were detected in the groundwater samples from MW-B1, MW-B2, MW-B3 and MW-B4 during the March sampling event. These detections are below the laboratory reporting limit but greater than or equal to the method detection limit, thus the result is an estimated concentration. Bromoform (0.17 µg/l) was detected in the groundwater sample from MW-B1. Chloromethane (0.14 µg/l) was detected in the groundwater sample from MW-B2. Bromoform (0.35 µg/l and 0.41 µg/l), chloromethane (0.17 µg/l and 0.11 µg/l) and dibromochloromethane (0.22 µg/l and 0.24 µg/l) were detected in the groundwater samples from MW-B3 and MW-4, respectively. These compounds are not detected in the FSP&T effluent samples; however these compounds are occasionally detected in the influent water samples at similar, low concentrations. VOCs were not detected in the groundwater samples from MW-B1, MW-B2,

MW-B3 or MW-B4 during the September sampling event. In addition, weekly effluent system water samples contained no VOC concentrations above the SPDES discharge criteria in 2012 (Table 1). The above information suggests that the FSP&T system is adequately removing the contaminants of concern (COCs) from the groundwater before it is discharged, and that the discharge of treated groundwater to the recharge basins has not impacted the quality of the underlying groundwater.

Monitor well N-37, located on the property at the address 1694 Bridgehampton–Sag Harbor Turnpike, , went dry during both the March and September 2012 sampling efforts and did not recharge enough to sustain sampling via the low-flow method. Therefore, the groundwater sample collected from monitor well N-37 was a grab sample. No other problems were encountered during either the March or September sampling events.

During the March and September sampling events, the groundwater samples from the monitor wells were collected using the low-flow procedure unless otherwise stated above. During the March sampling event, groundwater samples from the recovery wells (with the exception of RW-1) were collected via a sampling port; the sample from RW-1 being collected using the low-flow procedure. During the September sampling event, the operating recovery wells (RW-2, RW-4, RW-6 and RW-7) were sampled via a sampling port, while the recovery wells that were shut down (RW-1, RW-3, RW-5, RW-8 and RW-9) were sampled using the low-flow procedure. Once the samples were collected in labeled 40 milliliter (ml) vials and preserved with hydrochloric acid (HCl), the vials were closed and placed in bubble wrap bags in a cooler with ice. The groundwater samples were then transported to a certified laboratory under standard chain of custody procedures.

1. Regional Aquifer – FSP&T

Tables 8, 9 and 10 present PCE, TCE and TCA concentrations in the groundwater from monitor and recovery well, respectively. With the exception of MW-43A, all downgradient well were below ARARs for PCE, TCE and TCA. The TCA concentration in MW-43A in March and September 2012 was 7.6 ug/l and 5.7 ug/l, respectively which is slightly higher than ARAR. PCE and TCE in the groundwater at MW-43A were below the ARAR.

2. Local Perched Groundwater - FDSA

Tables 8, 9 and 10 present PCE, TCE and TCA concentrations in the groundwater from monitor and recovery wells; and tables 15, 16, 17 and 18 present VOC concentrations in groundwater from the four FRWs. PCE, TCE and cis-12DCE concentrations increased after the shutdown of the FRWs, which suggests rebound was occurring. Rebound occurred at different rates in different wells. The FDSA water quality is further discussed in Section III.

E. Air-Quality Data

Vapor-phase carbon is used to remove VOCs from the effluent air from the air stripper. Table 11 presents a summary of the vapor-phase carbon operating data for 2012. Flow measurements and air samples for evaluation of VOC emissions were obtained monthly during 2012. The annual average airflow through the tower and the carbon units was 2,713 standard cubic feet per minute (scfm).

The packing material in the air-stripper tower was visually inspected during the annual maintenance event (June 4 through June 7, 2012). During the inspection of the tower packing material, algae was not observed growing out of the iron bacteria which covered the air-stripper distribution trough as previously observed in 2010; however, moderate amounts of iron bacteria were manually cleaned out of the trough. The packing material near the top of the tower appeared to be in good condition with only minimal signs of iron bacteria deposition. Furthermore, iron scaling was not visible on the packing material at the top of the air-stripper tower.

The monthly VOC vapor emission rates ranged between 0.00024 lbs/hr (August 2012) to 0.00255 lbs/hr (January 2012). These vapor emission rates are well below the allowable VOC emission rate of 0.022 lbs/hr. VOC emission rates in January 2012 were similar to the December 2011 vapor concentrations, which were anomalously higher than historical concentrations of several aromatic VOCs (toluene, benzene and xylenes) typically associated with gasoline. The reason for the higher concentrations of these VOCs in the air samples is not known at this time. VOC concentrations decreased to historical values by February 2012.

Graph 4 illustrates effluent VOC vapor concentrations (mg/m^3) and VOC vapor emissions (lbs/hr) for 2012. The total VOC vapor emissions from the effluent stack from

January 1, 2012 to December 31, 2012 were 4.22 pounds, which was 2.06 pounds less than the amount emitted in 2011.

Table 12 presents a summary of air quality concentrations for the FSP&T system. Based on the influent and effluent vapor data, the vapor-phase portion of the remediation system is functioning properly. The effectiveness of the vapor-phase carbon is more evident on some of the VOCs (PCE and TCE) compared to others (TCA, 1,1-dichloroethane (DCA), 1,1-dichloroethene (1,1-DCE) and cis-1,2-dichloroethene (cis-DCE)). In early 2012, there was evidence of breakthrough of PCE in the samples collected during January at the post-carbon sample location. However, PCE was not detected in the effluent sample during the remainder of 2012. The COC concentrations at the post-carbon location are well below the stack emissions concentrations that would exceed the Ambient Guideline Concentrations (AgC) at the property boundary based on the model analysis and associated calculations completed during design of the FSP&T system. Total effluent VOC concentrations ranged from 0.02 mg/m³ during August to 0.25 mg/m³ during January.

F. Hydrogeological Summary

The following section provides a summary of water-level data and capture zone information collected in 2012.

1. Water-Level Data

Comprehensive rounds of groundwater levels were measured in March and September 2012 for all recovery and monitor wells. During each event, the water levels were measured when the system was off (static groundwater elevation) and when it was operating. Monthly groundwater levels were also measured at the recovery wells. These measurements were used to define groundwater flow patterns, which were interpreted to evaluate the effectiveness of the FSP&T system recovery wells at capturing the VOC plume. Table 13 presents a summary of the groundwater elevations at the recovery wells and at select monitor well locations that were used to update the capture zone figures discussed in the next section.

Water-level monitoring was conducted using the piezometers in Lily Pond, and five locations in Ligonee Brook during March and September 2012 to assess the potential for impacts by the FSP&T system on water levels in these surface-water bodies. The piezometers

will continue to be monitored on a semi-annual basis. Accompanying pond and creek hydrograph data are included as Appendix C.

Groundwater levels and pond water levels are measured at the piezometers to determine the difference between the potentiometric heads in the underlying aquifer and the pond surface levels. Based on an independent review of 2001 thru 2007 water-level data by Inter-Science Research Associates, Inc. (IRA) in the report titled “Recommendations for Continued Salinity, Groundwater Elevation and Surface Water Elevation Monitoring,” which was included in Appendix D of the 2007 annual summary report, the operation of the FSP&T system does not have a measurable impact on the water levels in the nearby Sag Harbor Cove, Ligonee Brook and noted ponds. Groundwater levels and pond water levels measured during 2012 are consistent with historic trends indicating that the conclusions reached in 2007 are still applicable.

Supplemental background groundwater elevation data are presented to provide information about groundwater elevations for the region. These groundwater data were obtained from the United States Geological Survey (USGS) monitor well (identified as USGS well number 405756072173502 S 8833.2) located near Crooked Pond from January 1, 2012 to December 31, 2012, which are presented in Appendix D. Water-level data are both downloaded from the USGS website and periodically measured as part of the monitoring program. The N.G.V.D. 1929 is used as the reference datum for reporting groundwater elevations. This USGS monitor well is close enough to the site to be able to reflect local patterns in groundwater elevation fluctuations but not close enough to be influenced by the operation of the FSP&T system. This USGS well is located approximately one mile hydraulically upgradient of the Site. Water elevations measured at the USGS well indicate fluctuations of one foot during the course of the year. The highest water elevations occurred in March, and the lowest water elevations occurred in December.

2. Capture Zone Evaluation

An analysis of the capture zone was completed for the Site by preparing groundwater elevation contour maps using March and September 2012 data. Figures 3 and 4 present the March 2012 groundwater flow conditions when the FSP&T and FP&T systems were not operating (static conditions) and during pumping conditions, respectively. Figures 5 and 6 present the September 2012 groundwater flow conditions when the FSP&T and FP&T systems

were not operating and when the FSP&T system was operating, respectively. Figures 3 and 5 illustrate that the groundwater flow direction is to the north and northwest during static conditions. Figures 4 and 6 show the influence on the groundwater flow patterns when the FSP&T recovery wells are operating. Capture zone lines for each recovery well are shown as dashed red lines on Figures 4 and 6. In order to evaluate the capture zones, the PCE plume maps for March and September 2012 are shown on Figures 7 and 8, respectively. Similarly the TCA plume maps for March and September 2012 are shown on Figures 9 and 10, respectively. Both sets of plume maps are discussed in the “Groundwater Plume” section of the report.

Based on comparison of the capture zones shown on Figures 4 and 6 with the plumes presented on Figures 7, 8, 9 and 10, the contaminant plume is being effectively captured by the FSP&T remediation system. RW-3, RW- 5, RW-8 and RW-9 were shut down during April and May of 2012, thus capture zones are no longer present for these recovery wells on Figures 8 and 10.

Low concentrations of PCE were detected in the groundwater samples collected from the MW-49 well cluster during both the March and September sampling events. The detected concentrations were below the ARAR of 5 µg/l but above the laboratory detection limit. TCA was not detected in the groundwater samples collected from the MW-49 well cluster during the March or September sampling events. The MW-49 well cluster is outside of the capture zone, however, the decrease in PCE concentrations over time at this location suggests that, along with natural attenuation, the operation of RW-9 may have had an indirect impact on groundwater quality in this area. Therefore, following the shutdown of RW-9 the sampling frequency of the MW-49 well cluster was increased from semi-annual to quarterly. PCE was detected in the groundwater samples collected from the MW-49 well cluster in March, September and December; the concentrations ranging from an estimated value of 0.11J µg/l to 0.87 µg/l and being within historically detected concentrations. TCA was not detected in the groundwater samples collected at MW-49 during any of the quarterly sampling events.

G. Groundwater Plume

In addition to measuring water levels, water samples were collected from select monitor wells and recovery wells for laboratory analyses in March and September 2012. The groundwater quality data were used to prepare updated PCE and TCA plume maps. Figures 7

and 8 present the PCE plume maps for March and September 2012, respectively. Figures 9 and 10 present the TCA plume map for March and September 2012, respectively. Table 14 and Graph 5 show total VOCs recovered by the FSP&T and FP&T systems and influent PCE concentrations from November 26, 2002 to December 28, 2012.

1. PCE Plume

Figures 7 and 8 present the approximate size of the March and September 2012 PCE plumes. The concentrations in the samples collected to delineate the downgradient PCE plume in March and September 2012 remained similar to the concentrations in samples collected to delineate the PCE plume in March and September 2011. As a result, the approximate size of the 2012 plume did not change when compared to the PCE plume in 2011. In general, the PCE concentrations near RW-6 and RW-7, the area of historically highest concentrations in the downgradient plume, decreased slightly during 2012 and were below the ARAR of 5 µg/l during both sampling events.

Figure 11 presents the pre-remediation, October 2007 and the September 2012 downgradient PCE plume maps. PCE concentrations in the groundwater continued to decrease between October 2007 and September 2012. The comparison of the October 2007 and September 2012 plume maps indicates that the FSP&T system continues to be effective at remediating the VOCs in the plume, and the regional or downgradient plume concentrations have decreased below the ARAR of 5 µg/l. A comparison of the overall horizontal extent of the plume between September 2011 and September 2012 indicates that the plume remained approximately the same size, and the concentrations within the plume remained similar and were below the ARAR. As the highest concentrations of contaminants are now lower than the historically detected concentrations, and are below the ARARs in the downgradient aquifer, the rate at which PCE is recovered and the rate at which concentrations decrease in the groundwater will slow. Past experience with the pump-and-treat methods of groundwater remediation has shown that there would initially be a rapid decline in the contaminant concentrations in groundwater but eventually the rate of decline will slow. As concentrations decrease, natural fluctuations in groundwater quality become more apparent and can influence how the plume is depicted on maps.

2. TCA Plume

Figures 9 and 10 present the approximate extent of the TCA plume during March and September 2012, respectively. The concentrations in the groundwater samples collected from the monitor and recovery wells to delineate the downgradient TCA plume remained similar when compared to the 2011 groundwater quality. The highest concentrations detected for each sampling event, 7.6 µg/l and 5.7 µg/l, in March and September 2012, respectively, were in the groundwater samples collected from MW-43, located along Carroll Street, slightly downgradient from the 2011 highest concentrations which were detected in the groundwater samples collected from MW-53.

Small changes in the TCA plume size are attributable to small fluctuations in the groundwater quality. At lower concentrations, small fluctuations are amplified and influence to a greater degree how the plume is depicted on a map. The rate at which TCA is recovered and the rate at which concentrations in the groundwater decrease will diminish.

III. FOCUSED PUMP AND TREAT SYSTEM AND FDSA WATER QUALITY

In September 2008, subsurface piping was installed to connect the discharge of the FP&T system to the EQ tank of the FSP&T system. The FRW's operated between January 1, 2012 and April 19, 2012; then again between June 7, 2012 and July 30, 2012. The FRW's were shut down on July 30, 2012 in order to evaluate the groundwater quality under non-pumping conditions, and remained off for the remainder of 2012.

Table 15, 16, 17, 18 summarize the VOC concentrations in groundwater samples collected from the FRWs on a monthly basis for 2011 and 2012. Graphs 6 through 13 present historic and current VOC concentrations in groundwater samples from the FRWs. The data for 2011 is included as a comparison.

Overall, PCE, TCE and TCA concentrations in the groundwater were lower when the FP&T system was operating. Following the most recent shutdown, concentrations rebounded for some or all of the COCs in groundwater samples from the FSDA. Rebound may occur from a number of reasons, the most likely reason that rebound may be occurring at the site are presented below. Rebound may be attributed to COCs back-diffusing from the lower permeability clay lenses to the groundwater. When the FP&T system is not operating, the COCs have an opportunity to accumulate to higher concentrations in the groundwater because the natural flow

of groundwater is slower than the velocity developed when the system is operating. Another reason may be that portions of the soil profile are dewatered during system operation. When the system is turned off, the groundwater level recovers, which results in more soil being in contact with water and more potential for desorption from the soil to occur.

Some evidence of limited biological degradation is suggested by the increase in concentrations of cis-DCE and/or VC in the groundwater. The decrease in DCE concentrations at FRW-4 in the 4th quarter of 2012 may be attributed to its location being further away from the “hot spot” area compared to FRW-1, 2 and 3. In addition, when FRW-4 was operating, it had a higher pumping rate than the other FRWs, which results in a larger capture zone that allows COCs to be covered from greater distances. PCE, TCE and TCA were not detected about the ARARs in monitoring wells immediately downgradient of the FDSA (i.e., MW-45A, B, 52A and 98-04) with the once exception of PCE detected at 8.8 ug/l in MW-98-04 in September 2012. This detection suggests that some migrations of COCs occurs in this direction (see Figure 2) when the FP&T is not operating.

Table 19 presents groundwater quality parameters measured in the field at the FP&T recovery wells during 2012. The table includes pH, temperature, turbidity, DO, conductivity, and ORP. A calibrated Horiba U-22 water quality meter was used for all the measurements in 2012. The pH of the groundwater measured at the FDSA recovery wells ranged from 5.14 to 6.96, which is typical for groundwater in the northeastern United States. The ORP values fluctuated significantly from month-to-month in each well which suggested periods of aerobic and anaerobic conditions occurred in the aquifer in 2012. The groundwater samples for January thru July were collected through a sample port, while the groundwater samples for August thru December were collected using the low-flow method. The concentration of DO in the water measured from the FP&T system sample ports suggests aerobic conditions in the aquifer, however, DO concentrations measured in water samples using the low-flow method were typically lower than that measured at the sample port. The reason for the higher DO concentrations observed from the sample ports for the FRWs is most likely caused by aeration of the water during pumping, as previously documented in the first quarter 2008 report for the FP&T system (dated on April 22, 2008).

In March and September 2012, toluene was detected in the groundwater at monitor well MW98-05B at concentrations of 3.8 µg/l and 40 µg/l, respectively. The ARAR for toluene in

the groundwater is 5 µg/l. Toluene has been detected routinely in the groundwater from this well for the past five years at concentrations ranging from 3.8 to 440 µg/l. PCE or TCA were not detected in the groundwater sample from this well in either March or September. TCE was detected at an estimated concentration of 0.21 ug/l, which is below the ARAR and the laboratory reporting limit but above the method detection limit for the September sampling event. This monitor well is screened below the clay lens that separates the perched water at the FDSA from the regional groundwater system, so the operation of the FP&T system (i.e. FRWs are screened at or above the clay lens) most likely does not have a significant impact on the water quality observed at this well. Groundwater below the clay lens of the FDSA is captured by recovery wells of the FSP&T system.

A. Operation and Maintenance (O&M) Activities

In September 2008, subsurface piping was installed to connect the discharge of the FP&T system to the EQ tank of the FSP&T system. As such, the O&M activities for 2012 are included with the FSP&T system O&M activities and are summarized in Section II.A above.

IV. HAZARDOUS WASTE

Hazardous waste generated at the Site in 2012 includes the following items, along with their associated weights or volumes.

- Used bag filters and excess sediment – 940 pounds
- Wastewater generated by cleaning pipes – 1,351 gallons

All hazardous waste was shipped offsite to licensed disposal facilities using standard hazardous waste manifest procedures. Hazardous Waste Manifests for waste generated in 2012 are included as Appendix H.

V. PROPOSED CHANGES TO THE OPERATION OF THE FSP&T AND FP&T SYSTEMS

A. FSP&T System

Based on the improved water quality and the results of 2012 groundwater sampling events LBGES recommends discontinuing the operation of the remaining downgradient recovery wells RW-4, RW-6 and RW-7. The concentrations of the COCs in the groundwater at RW-4, RW-6 and RW-7 have been below ARARs on a monthly basis for at least two and a half years. Shut down is proposed for the fall of 2013, at which time close to three years of water quality consistently below ARARs will have been achieved. The three year timeframe is consistent with the timeframe stated in the aquifer restoration goals described in Section E.2.a in the Statement of Work, Appendix B of the Consent Decree for the Site.

Although RW-2 water quality is below applicable ARARs, this well may continue to operate as an extra safety measure to prevent COCs from migrating beyond the Sag Harbor Industries Property. The concentrations of PCE, TCA and TCE in the groundwater samples collected from RW-2 have been below the ARARs for 46 consecutive months (3 year and 10 months). PCE concentrations in the groundwater sample from RW-2 have ranged from 0.52 µg/l (September) to 1.3 µg/l (November and December). PCE concentrations in RW-2 have been below the ARAR since March 2009. TCA and TCE has been detected generally below the laboratory reporting limit but above the method detection limit, since the laboratory completing the analyses was changed during the fall of 2011. TCA and TCE was not detected in the groundwater samples from RW-2 with the use of the previous analytical laboratory because the method detection limit used was higher (1 µg/l) than the method detection limit used by York Analytical (0.5 µg/l). TCE concentrations have always been below the ARAR in groundwater samples from RW-2 with the exception of the sample collected in May 2006 (5.1 µg/l). TCA concentrations have been below the ARAR since November 2008.

The concentrations of PCE, TCA and TCE in the groundwater samples collected from RW-4 have been below the ARARs for 28 consecutive months (2 year and 4 months). PCE concentrations (during 2012) in the groundwater sample from RW-4 have ranged from 0.75 µg/l (November) to 1.4 µg/l (March). PCE concentrations in RW-4 have been below the ARAR since June 2009. Similarly to RW-2 TCE was only detected in the groundwater samples below the laboratory detection limit but above the method detection limit after the change in analytical

laboratories. TCE has not been detected above the ARAR since January 2005. TCA continues to be detected; however, all detections have been below the ARARs since September 2010.

The concentrations of PCE, TCA and TCE in the groundwater samples collected from RW-6 have been below the ARARs for 25 consecutive months (2 year and 1 month). PCE concentrations (during 2012) in the groundwater sample from RW-6 have ranged from 2.2 µg/l (November) to 3.2 µg/l (February and March). PCE concentrations in RW-6 have been below the ARAR since December 2010. Similarly to RW-2 and RW-4 TCE was only detected in the groundwater samples below the laboratory detection limit but above the method detection limit after the change in analytical laboratories. TCE has not been detected above the ARAR since 2004. TCA continues to be detected; however, all detections have been below the ARARs since July 2010.

The concentrations of PCE, TCA and TCE in the groundwater samples collected from RW-7 have been below the ARARs for 30 consecutive months (2 year and 6 months). PCE concentrations (during 2012) in the groundwater sample from RW-7 have ranged from 0.5 µg/l (November) to 2.2 µg/l (March). PCE concentrations in RW-7 have been below the ARAR since July 2010. TCE was not detected in the groundwater samples collected from RW-7 during 2012 with the exception of the months of February (0.11J µg/l) and March (0.12J µg/l) when TCE concentrations were below the laboratory detection limit but above the method detection limit. TCE has not been detected above the ARAR since 2004. TCA concentrations in the groundwater samples from RW-7 were below the laboratory detection limit but above the method detection limit during 2012 and TCA concentrations have been below the ARARs since October 2006.

The proposed frequency of groundwater sampling following the proposed shutdown of RW-4, RW-6 and RW-7 will be the same as defined for the shutdown and monitoring program in the approved "Limited Revocery Well Shutdown Plan". Specifically monitoring is proposed on a monthly basis for a minimum of twelve months following the shutdown of each well in order to assess the possible rebound of contaminant concentrations. Additionally, the frequency of groundwater sampling at select monitor wells in the vicinity of RW-4 and RW-6 will be increased from semi-annual to monthly for the first six months following shutdown. In the event that COCs were to rebound above ARARs in either a recovery well or a nearby monitor well, that particular recovery well will be restarted.

Following EPA approval of the proposed changes to the operation of the FSP&T, a formal Recovery Well Shut-Down Plan will be submitted. The Plan will include a revised groundwater monitoring schedule to detect any rebound of plume concentrations. The plan will also include, but not be limited to:

- an increase in the frequency of monitoring of groundwater quality at the shutdown recovery wells and select monitor wells; and
- if concentrations of the COCs in any of the shutdown recovery wells rebound above the ARARs for two consecutive monitoring events, then those recovery wells would be restarted.

B. FP&T System

The FRW's were shut down on July 30, 2012 in order to evaluate the groundwater quality under non-pumping conditions, and remained off for the remainder of 2012. LBGES recommends continuing to monitor the groundwater quality during 2013 without the FRW's operating to determine if natural attenuation is a feasible solution to the remaining plume at the FDSA. If natural attenuation does not seem to be occurring at a satisfactory rate, then LBGES will evaluate the need to restart the FP&T system.

VI. CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are based on the performance of the FSP&T system and the FP&T system in 2012.

A. FSP&T System

1. The recommended SPDES discharge quality criteria for VOCs were not exceeded in any discharge samples in 2012.
2. Following the RW rehabilitation in the spring of 2012, operation of RWs-3, 5, 8 and 9 was discontinued with the approval of the EPA and NYSDEC. A limited recovery well shutdown plan (Plan) was developed (by LBG dated May 29, 2012) and

- concurrently approved shortly thereafter by EPA and NYSDEC. The plan included groundwater monitoring protocol for the recently shutdown recovery wells.
3. During 2012, the concentrations of PCE, TCE and TCA in the downgradient plume of impacted groundwater in the Upper Glacial Aquifer were below ARARs in samples from all recovery wells and monitor wells tested, with the exception of the concentrations of TCA in the groundwater samples from MW-43A of 7.6 µg/l and 5.7 µg/l in March and September, respectively.
 4. The concentrations of PCE, TCE and TCA continue to slowly decrease with time in the downgradient plume. The highest concentrations of PCE, TCE and TCA in the downgradient plume remain along Carroll Street in the vicinity of MW-43, MW-53, RW-6 and RW-7. The continued improvement in water quality suggests the operation of the remaining active recovery wells (RW-2, 4, 6 and 7) should be able to be discontinued in the near future. Therefore, LBG is proposing to discontinue the operation of RWs-4, 6 and 7 in the second half of 2013 using a similar shutdown plan and monitoring plan that was previously approved by the EPA and NYSDEC in 2012.
 5. Concentrations of PCE, TCE and TCA were below the ARARs (5 µg/l) in the groundwater samples from RW-1, RW-3, RW-5, RW-8 and RW-9 during 2012. Therefore, these recovery wells will remain off and semi-annual collection of samples from RW-1 and quarterly collection of groundwater samples from RW-3, RW-4, RW-8 and RW-9 is scheduled for 2013 pursuant to the approved RW Monitoring Plan.
 6. Groundwater elevation contour maps, from which the capture zones of the recovery wells are defined, provide evidence that the remaining plume is being captured by the recovery wells.
 7. Surface and groundwater levels at Lily Pond and Ligonee Brook were not impacted by the operation of the FSP&T System. Water levels at these locations were

- measured in March and September 2012. Groundwater levels in the piezometers at these locations will continue to be measured during semi-annual groundwater monitoring events. The purpose of surface and groundwater level monitoring at Lily Pond and Ligone Brook is no longer to assess impact from the FSP&T system but to continue monitoring groundwater elevation.
8. The maximum allowable vapor emissions from the FSP&T system of 0.022 lbs/hr were not exceeded in 2012. Vapor emissions, averaging 0.00073 lbs/hr, remain well below the maximum allowable vapor emissions limit. LBGES will continue to analyze vapor samples on a monthly basis.
 9. Airflow through the air-stripper tower in 2012 ranged from approximately 2,574 scfm to 2,952 scfm and was adequate to treat the water by stripping the COCs from the influent water.
 10. Recovery well rehabilitation to improve well performance was completed in April and May 2012 for recovery wells RW-2, 3, 4, 5, 6, 7, 8 and 9. The well rehabilitation efforts continue to be effective in the wells where high iron concentrations in the groundwater result in biofouling, which is the primary cause of reduced yield (RW-2, 4, 8 and 9). This finding was based on an increase in specific capacity, an increase in the pumping rate, or a reduction in the percent motor speed for a given flow setting after rehabilitation of the wells. For additional information regarding the 2012 well rehabilitation work and results, refer to Appendix A.
 11. All operating recovery wells will be evaluated in 2013 to determine what level of well rehabilitation is needed at that time. Well rehabilitation with the use of Unacid™ is scheduled for RW-2 and 4. Mechanical rehabilitation is scheduled for RW6. If water quality results continue on their present trend, then RW-4, RW-6 and RW-7 will be proposed for shut down during the fall/winter of 2013.

12. Following well rehabilitation activities, biofouling and iron bacteria encrustation was removed from the sump of the air-stripper tower in May and June 2012 and taken from the property for disposal as hazardous waste. The accumulation of biofouling and iron bacteria encrustation in the components of the remediation system is caused by normal system operation. No significant accumulation of biofouling or iron bacteria encrustation was observed on the packing material in the air-stripper tower during 2012. The pattern of biofouling and iron bacteria encrustation accumulation in the treatment system suggests that the iron bacteria in the treated water continue to pass through the packing of the tower. In 2013, the air-stripper tower packing material and the tower sump will be inspected periodically for biofouling and iron bacteria encrustation, and backwashed and/or cleaned as needed.
13. Biofouling and iron bacteria encrustation was removed from the equalization tank, bag filter housings and transfer tank in May 2012. The biofouling and iron bacteria encrustation from these tanks were removed and disposed of as hazardous waste following well rehabilitation activities. The accumulation of biofouling and iron bacteria encrustation at these locations is caused by normal system operation.
14. A total of 225.2 lbs of VOCs has been recovered by the FSP&T and FP&T system since startup in December 2002. The recovered mass of VOCs exceeds the initial general estimate for total dissolved-phase VOCs (183 lbs) provided by the original groundwater model. This difference suggests that some of the COC mass that was recovered (and continues to be recovered) is being desorbed from the soil to the groundwater. Continuation of the decreasing rate of VOC recovery (based on COC desorption rates) is anticipated with ongoing operation of the FSP&T system.
15. During 2012, the FSP&T system operated an average of 75.4% of the time. The FSP&T system was down for extended periods during the month of May for scheduled maintenance.

B. FP&T System

1. The FRW's operated between January 1, 2012 and April 19, 2012; then again between June 7, 2012 and July 30, 2012. The FRW's were shut down on July 30, 2012 in order to evaluate the groundwater quality under non-pumping (static) conditions. The FRWs remained off for the remainder of 2012. The need to restart the FP&T system will be evaluated in 2013. If water quality data in 2013 demonstrates no rebound under static conditions and that COCs are not migrating beyond the FDSA then monitored natural attenuation (MNA) will be proposed as a remedial approach. Otherwise, the FP&T system will be restarted to continue the active remediation of impacted groundwater in the FDSA and to control COC migration.
2. Concentrations of PCE, TCE, 1,2-DCE and vinyl chloride (VC) in the groundwater samples from the FP&T recovery wells varied throughout 2012. The highest PCE concentration in the FDSA was detected in groundwater samples from FRW-1 during May 2012, approximately one month following the shutdown of FRW-1.
3. Concentrations of TCE increased above the ARAR (5 µg/l) and concentrations of VC increased above the New York State Department of Environmental Conservation (NYDEC) ambient water quality standard (1 µg/l) in groundwater samples during 2012 due to the shutdown of the four FRW wells.
4. Recovery well maintenance to improve well performance was completed in May 2012 for recovery wells FRW-1 through FRW-4. The maintenance event consisted of evacuating accumulated sediment from the recovery well sumps, and cleaning and inspecting the pumps. If the decision is made to restart FRW-1 through FRW-4 during 2013, then maintenance will be scheduled as needed.

5. Following recovery well maintenance activity, sediment was evacuated from the equalization tank. The below-grade piping connecting the FP&T and FSP&T systems was cleaned once during 2012.

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July 20, 2012

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TABLES

GRAPHS

FIGURES

APPENDIX A

Recovery Well Rehabilitation-2012

APPENDIX B

March and September 2012 Groundwater Laboratory Reports (On CD in attached pocket)

APPENDIX C

Piezometer Hydrographs

APPENDIX D

USGS Monitor Well Daily Groundwater Elevations for 2012

APPENDIX E

2011 Hazardous Waste Manifests

TABLES

TABLE 1

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

Effluent Water Quality Results for the Full Scale Pump and Treat System (FSP&T)

Date Sampled ^{2/} SPDES Limits	pH ^{1/} 5.0 to 8.5	TDS (mg/l) ---	PCE (ug/l) 5	1,1,1-TCA (ug/l) 5	TCE (ug/l) 5	1,1-DCA (ug/l) 5	1,1-DCE (ug/l) 5	cis- 1,2-DCE (ug/l) 5	trans- 1,2-DCE (ug/l) 5	Xylene (ug/l) 5	Toluene (ug/l) 5	Ethyl- benzene (ug/l) 5	Methylene Chloride (ug/l) 5	Freon 113 (ug/l) ---	Naphthalene (ug/l) 10	Chloroform (ug/l) 7	Total Iron (mg/l) ---	Dissolved Iron (mg/l) ---
3-Jan-12	5.3	125	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.25 J,B	ND<0.5	0.34 J,B	ND<0.5	2.46	0.039
10-Jan-12	5.2	70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<2	ND<0.5	2.71	0.031
17-Jan-12	5.2	116	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.36 J,B	ND<0.5	ND<2	ND<0.5	10.3	0.101
24-Jan-12	5.3	114	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.31 J,B	ND<0.5	0.16 J,B	ND<0.5	1.24	0.061
2-Feb-12	5.3	88	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.53 J,B	ND<0.5	0.11 J,B	ND<0.5	4.25	0.022
10-Feb-12	7.2	80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.6 J,B	ND<0.5	0.32 J,B	ND<0.5	0.83	0.027
14-Feb-12	7.1	125	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.35 J,B	ND<0.5	ND<2	ND<0.5	1.61	0.058
21-Feb-12	6.9	117	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<2	ND<0.5	1.88	0.044
2-Mar-12	6.6	75	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.87 J,B	ND<0.5	ND<2	ND<0.5	34.10	1.840
6-Mar-12	6.6	145	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.98 J,B	ND<0.5	ND<2	ND<0.5	1.31	0.096
13-Mar-12	6.2	66	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.87 J,B	ND<0.5	ND<2	ND<0.5	3.26	0.044
19-Mar-12	6.2	76	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.74 J,B	ND<0.5	0.27 J,B	ND<0.5	0.70	0.121
27-Mar-12	6.7	54	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.57 J,B	ND<0.5	ND<2	ND<0.5	2.01	0.151
3-Apr-12	6.3	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.37 J,B	ND<0.5	ND<2	ND<0.5	0.43	0.092
10-Apr-12	6.7	106	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.61 J,B	ND<0.5	ND<2	ND<0.5	12.50	0.201
19-Apr-12	5.3	102	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<2	ND<0.5	2.91	0.141
23-Apr-12	6.8	136	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<2	ND<0.5	1.47	0.018
2-May-12	6.0	106	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.92 J,B	ND<0.5	0.29 J,B	ND<0.5	5.49	ND<0.01
11-May-12	6.0	121	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	2.3 B	ND<0.5	ND<2	ND<0.5	4.75	0.033
17-May-12	6.7	203	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	2.6 B	ND<0.5	ND<2	ND<0.5	6.71	1.780
23-May-12	5.9	118	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	2.7 B	ND<0.5	0.38 J,B	ND<0.5	3.63	0.066
30-May-12	6.1	132	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.39 J,B	ND<0.5	ND<2	ND<0.5	1.56	0.017
7-Jun-12	6.8	105	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	0.10 J	ND<0.5	0.43 J,B	ND<0.5	0.17 J,B	ND<0.5	64	0.011
14-Jun-12	7.0	198	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J	0.10 J	ND<0.5	1.7 J,B	ND<0.5	0.25 J,B	ND<0.5	15	0.453
20-Jun-12	7.8	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.33 J,B	ND<0.5	0.38 J,B	ND<0.5	0.47	0.133
26-Jun-12	8.0	106	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<2	ND<0.5	11.20	0.631

TABLE 1

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

Effluent Water Quality Results for the Full Scale Pump and Treat System (FSP&T)

Date Sampled ^{2/} SPDES Limits	pH ^{1/} 5.0 to 8.5	TDS (mg/l) ---	PCE (ug/l) 5	1,1,1-TCA (ug/l) 5	TCE (ug/l) 5	1,1-DCA (ug/l) 5	1,1-DCE (ug/l) 5	cis- 1,2-DCE (ug/l) 5	trans- 1,2-DCE (ug/l) 5	Xylene (ug/l) 5	Toluene (ug/l) 5	Ethyl- benzene (ug/l) 5	Methylene Chloride (ug/l) 5	Freon 113 (ug/l) ---	Naphthalene (ug/l) 10	Chloroform (ug/l) 7	Total Iron (mg/l) ---	Dissolved Iron (mg/l) ---
2-Jul-12	7.8	127	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.93 J,B	ND<0.5	ND<2	ND<0.5	0.69	0.020
10-Jul-12	8.0	107	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<2	ND<0.5	1.86	0.027
16-Jul-12	7.1	105	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	1.8 J	ND<0.5	2.21	0.488
25-Jul-12	6.5	115	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	0.20 J,B	ND<0.5	1.81	0.033
31-Jul-12	7.2	131	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.45 J	ND<0.5	0.25 J	ND<2	ND<0.5	2.0	ND<0.5	3.48	0.216
8-Aug-12	7.8	124	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.17 J	0.13 J	0.14 J	0.30 J,B	ND<0.5	0.47 J,B	ND<0.5	0.91	0.050
15-Aug-12	6.8	NM	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	3.89	ND<0.01
21-Aug-12	7.5	137	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	0.13 J,B	ND<0.5	4.76	0.011
27-Aug-12	6.6	104	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	0.26 J,B	ND<0.5	0.60	0.085
4-Sep-12	7.7	98	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	0.42	0.049
11-Sep-12	7.5	128	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	6.33	0.083
18-Sep-12	7.5	91	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	1.6 J,B	ND<0.5	ND<2	ND<0.5	0.41	0.142
27-Sep-12	7.7	121	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	0.16 J	ND<0.5	0.86	0.042
1-Oct-12	7.7	137	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.51 J,B	ND<0.5	ND<2	ND<0.5	2.04	0.200
8-Oct-12	7.6	88	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.32 J,B	ND<0.5	ND<2	ND<0.5	1.26	0.227
16-Oct-12	7.6	105	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	1.20	0.164
22-Oct-12	7.5	115	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	0.47	0.125
31-Oct-12	7.8	73	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	0.16 J	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	19	ND<0.01
5-Nov-12	7.5	107	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	1.82	0.048
12-Nov-12	7.6	103	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	18.9	0.024
19-Nov-12	7.5	115	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	0.12 J,B	ND<0.5	1.36	0.052
27-Nov-12	7.4	111	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	0.88	0.021
3-Dec-12	7.4	135	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.99 J,B	ND<0.5	0.18 J	ND<0.5	20.3	0.056
12-Dec-12	7.4	82	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.30 J,B	ND<0.5	ND<2	ND<0.5	1.43	ND<0.02
18-Dec-12	7.2	103	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	4.52	0.047
28-Dec-12	7.5	135	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	ND<2	ND<0.5	0.16 J,B	ND<0.5	8.86	ND<0.02

SPDES: State Pollutant Discharge Elimination System

mg/l: Milligrams per liter

ug/l: Micrograms per liter

----: Not established

J: Analyte detected below quantitation limits, value shown is a laboratory estimate.

B: Analyte was found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants

ND: Not detected

NM: Not Measured

TDS: Total dissolved solids

PCE: Tetrachloroethylene

1,1,1-TCA: 1,1,1-Trichloroethane

TCE: Trichloroethene

1,1-DCA: 1,1-Dichloroethane

1,1-DCE: 1,1-Dichloroethene

cis-1,2-DCE: cis-1,2-Dichloroethene

trans-1,2,-DCE: trans-1,2-Dichloroethene

Notes:

1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.

2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

TABLE 2

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

Average Field Parameter Values for Water Samples from Recovery Wells for 2012

FSP&T Recovery Well	pH	Temperature (degrees C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Conductivity (mS/cm)	Oxidation-Reduction Potential (ORP) (mV)
RW-2	5.73	15.3	90.4	6.7	0.28	295
RW-3	6.01	15.7	26.9	4.7	0.23	151
RW-4	5.79	14.7	68.6	8.0	0.24	293
RW-5	5.67	15.4	32.4	7.1	0.22	340
RW-6	5.72	14.1	30.0	7.6	0.22	289
RW-7	5.83	13.9	32.5	7.4	0.18	239
RW-8	5.50	14.5	70.7	5.9	0.15	298
RW-9	5.46	14.6	57.9	5.5	0.17	334

TABLE 3

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

Recovery Well Construction Details

Well	Location	Top of Casing Elevation (ft msl)	Well Diameter (in)	Total Well Depth (ft btoc)	Screen Setting (ft btoc)	Screen Type and Size	Pump Setting ^{1/} (ft btoc)	Casing Setting (ft bg)	Casing Material	Gravel Size and Setting (ft bg)	Surface Completion	Date Constructed
Focus Recovery Wells												
FRW-1	Former drum storage area.	31.5	4	32	20-30	40-slot, PVC	27	0-20	PVC	No. 1: 18-30	Flush mount, steel collar	10/24/2000
FRW-2	Former drum storage area.	30	4	30	18-28	40-slot, PVC	25	0-18	PVC	No.1: 16-28	Flush mount, steel collar	10/25/2000
FRW-3	Former drum storage area.	30	4	30.5	18.5-28.5	20-slot, PVC	25.5	0-18.5	PVC	No.1: 16.5-28.5	Flush mount, steel collar	10/25/2000
FRW-4	Former drum storage area.	29	4	32	20-30	40-slot, PVC	27	0-20	PVC	No. 1: 20-30	Flush mount, steel collar	10/24/2000
Full Scale Pump and Treat Recovery Wells												
RW-1	Onsite in front of Sag Harbor Industries main building.	33.81	8	64	37-50	45-slot, stainless steel wire wrapped screen.	57	2-32	Low carbon steel	No. 1: 32-45	In 5' x 5' well vault.	April 12, 2000
					60-61	80-slot, stainless steel wire wrapped screen.		32-37	Stainless steel	No. 3: 45-64		
RW-2	Northwest corner of the FSP&T remediation building.	25.75	8	60	30-60	20-slot, stainless steel.	52	2-30	Stainless steel	No. 1: 0-60	In 5' x 5' well vault	May 6, 1996
RW-3	In back of (northeast side) FSP&T remediation building.	13.04	8	40	13-27	30-slot, stainless steel wire wrapped screen.	32	2-8	Low carbon steel	No. 0: 8-22	In 4' x 4' well vault.	April 17, 2000
					27-37	80-slot, stainless steel wire wrapped screen.		8-13	Stainless steel	No. 3: 22-40		
RW-4	Sag Harbor Turnpike.	19.01	8	51	27-48	50-slot, stainless steel wire wrapped screen.	32	2-22	Low carbon steel	No. 1 (60%) and No.2 (40%) mix	In 5' x 5' well vault.	May 23, 2000
								22-27	Stainless Steel			
RW-5	Carroll St.	25.33	8	67	24-36	80-slot, stainless steel wire wrapped screen.	48	2-19	Low carbon steel	No. 3: 19-50	In 5' x 5' well vault.	May 11, 2000
					50-64	50-slot, stainless steel wire wrapped screen.		19-24 and 36-50	Stainless Steel	No. 1 (70%) and No.2 (30%) mix: 50-67		
RW-6	Carroll St.	21.69	8	80	30-80	20-slot, stainless steel.	69	2-30	Stainless Steel	No. 1: 0-80	In 4' x 4' well vault	May 16, 1996
RW-7	Carroll St.	18.35	6	106	14-103	75-slot, stainless steel wire wrapped screen.	92	2-9	Low carbon steel	No. 2 (50%) and No. 3 (50%) mix: 9-106	In 5' x 5' well vault.	July 24, 2000
								9-14	Stainless Steel			
RW-8	Brick Kiln Rd.	11.25	8	103	15-100	50-slot, stainless steel wire wrapped screen.	85	2-10	Low carbon steel	No. 1 (50%) and No. 2 (50%) mix: 10-103	In 5' x 5' well vault.	June 6, 2000
								10-15	Stainless Steel			
RW-9	Noyac Road	7.6	8	75	13-55	75-slot, stainless steel wire wrapped screen.	66	2-8	Low carbon steel	No. 2 (50%) and No. 3 (50%) mix: 13-55	In 5' x 5' well vault.	May 1, 2000
					55-72	60-slot, stainless steel wire wrapped screen.		8-13	Stainless Steel	No. 2: 55-75		

Notes:

- 1/ Pump setting indicates approximate depth of pump intake.
 FSP&T Full Scale Pump and Treat
 (ft msl) Feet above mean sea level.
 (in) Inches
 (ft btoc) Feet below top of casing.
 (ft bg) Feet below grade.

TABLE 4

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

**2011 and 2012 Volume Pumped and Average Flow Rate
of Groundwater from FSP&T Recovery Wells**

Recovery Well	Volume Pumped (gal)		Average Flow Rate (gpm)	
	2011	2012	2011	2012
RW-2	10,181,134	10,361,060	27	26
RW-3	11,026,548	3,983,135	30	30
RW-4	11,652,699	11,436,730	36	31
RW-5	18,573,479	7,987,108	50	50
RW-6	5,457,834	5,696,784	15	15
RW-7	17,917,160	22,238,480	70	70
RW-8	16,515,556	5,675,051	50	49
RW-9	25,937,980	7,029,237	76	74
Total	117,262,390	74,407,585	--	--

NOTES: With EPA approval

RW-1 was shut down on July 13, 2005;
RW-3 was shut down on May 21, 2012;
RW-5 was shut down on May 23, 2012;
RW-8 was shut down on April 30, 2012; and
RW-9 was shut down on April 23, 2012.

TABLE 5

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

RW-6 Average Drawdown and Pumping Data for 2012

Date	Average Monthly Pumping Rate for RW-6 (gpm)	Average Monthly Drawdown (ft) ^{1/}
Jan-12	15	36.31
Feb-12	15	36.97
Mar-12	15	37.73
Apr-12	15	39.11
May 1-24 (pre-redevelopment)	15	39.67
May 25-31 (post-redevelopment)	15	26.01
Jun-12	15	29.38
Jul-12	15	31.74
Aug-12	15	33.64
Sep-12	15	35.62
Oct-12	15	37.84
Nov-12	15	37.98
Dec-12	15	38.50

Notes: 1. Drawdown numbers are computed and downloaded every hour to the user interface computer based on pressure transducer readings and the most recent static depth-to-water measurement for the well.

TABLE 6
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

2011 and 2012 Recovery Well Water Quality Results - FSP&T System

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	5	5	5	7	NE	5	5	5	5	NE	NE	5	5
RW-1	15-Sep-04	ND<1	ND<1	ND<1	2.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	7-Oct-04	ND<1	ND<1	ND<1	ND<1	2.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	3-Nov-04	ND<1	ND<1	ND<1	1.9	2.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Dec-04	ND<1	ND<1	ND<1	9.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	13-Jan-05	ND<1	ND<1	ND<1	1.5	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	8-Feb-05	ND<1	ND<1	ND<1	4.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Mar-05	ND<1	ND<1	ND<1	2.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Apr-05	ND<1	ND<1	ND<1	1.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	2-May-05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Jun-05	ND<1	ND<1	ND<1	4.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	RW-1 was shut down on July 13, 2005 with EPA approval.													
	14-Jul-05	ND<1	ND<1	ND<1	2.1	ND<1	ND<1	ND<1	ND<1	8.4*	ND<1	ND<1	3.3	1.3
	7-Mar-06	ND<1	ND<1	ND<1	5.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Sep-06	ND<1	ND<1	ND<1	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	7-Mar-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	3-Oct-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	13-Mar-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Sep-08	ND<1	ND<1	ND<1	1.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Mar-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Sep-09	ND<1	ND<1	ND<1	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Mar-10	ND<1	ND<1	ND<1	0.63 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Sep-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	9-Mar-11	ND<1	ND<1	ND<1	0.60	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	0.84 J	ND<5	ND<5	ND<1	ND<1	7.1 B	ND<1	ND<5	ND<10	ND<5
	23-Mar-12	ND<0.5	ND<0.5	ND<0.5	1.3	ND<0.5	ND<0.5	ND<1	ND<0.5	0.75 J,B	0.11 J	ND<0.5	ND<2	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	0.72	ND<0.5	ND<0.5	ND<1	ND<0.5	1.2 J,B	ND<1	ND<0.5	ND<2	ND<0.5

TABLE 6
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2011 and 2012 Recovery Well Water Quality Results - FSP&T System

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
ARAR's	5	5	5	5	7	NE	5	5	5	5	NE	NE	5	5
RW-2	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	0.55 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Mar-11	0.91 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	0.57 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	0.85 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	0.96 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	3.9 B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.97	0.18 J	0.74	0.17 J	ND<0.5	0.25 J	ND<0.5	ND<0.5	0.96 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	1.6	0.20 J	0.12 J	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.95 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	1.0	0.25 J	0.49 J	0.16 J	ND<0.5	0.11 J	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.64	0.22 J	0.41 J	0.13 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.27 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	0.84	0.28 J	0.45 J	0.15 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.81	0.16 J	0.11 J	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.93 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.58	0.18 J	0.25 J	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-May-12	0.57	0.19 J	0.27 J	0.17 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.8 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	0.57	0.21 J	0.26 J	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.74 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	0.91	0.15 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	0.53	0.21 J	0.23 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.56	0.17 J	0.34 J	ND<0.5
	18-Sep-12	0.52	0.25 J	0.25 J	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.66	0.34 J	0.30 J	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	1.3	0.43 J	0.17 J	0.11 J	ND<0.5	ND<0.5	0.65	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	1.3	0.66	0.24 J	ND<0.5	ND<0.5	ND<0.5	0.70	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

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2011 and 2012 Recovery Well Water Quality Results - FSP&T System

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	5	5	5	7	NE	5	5	5	5	NE	NE	5	5
RW-3 ^{3/}	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	0.93	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	7.0 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.16 J	0.59	0.19 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.70 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	0.16 J	0.81	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	0.17 J	0.87	0.33 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.53 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.20 J	1.0	0.33 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.33 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	0.23 J	0.90	0.33 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.19 J	0.81	0.27 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.92 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.12 J	0.52	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.48 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.64	0.53	0.18 J	ND<0.5	ND<0.5	ND<0.5	0.27 J	ND<0.5	2.5 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-3 was shut down on May 21, 2012 with EPA approval.													
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.56 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	0.10 J	0.18 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	0.22 J	ND<0.5

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Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
ARAR's	5	5	5	5	7	NE	5	5	5	5	NE	NE	5	5
RW-4	11-Jan-11	0.5 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	0.61 J	ND<1	0.76	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	0.82 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	0.61 J	ND<1	0.74 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	0.92	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	1.1 J	ND<5	2.7	ND<5	ND<5	1.4 J	ND<5	ND<5	3.9 B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	1.1	0.14 J	3.9	0.15 J	ND<0.5	1.8	ND<0.5	0.17 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	1.5	0.22 J	1.8	0.15 J	ND<0.5	0.61	ND<0.5	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	1.2	0.14 J	4.2	0.16 J	ND<0.5	1.6	ND<0.5	0.18 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.93	0.14 J	3.3	0.17 J	ND<0.5	1.4	ND<0.5	0.15 J	0.34 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	1.10	0.13 J	4.0	0.19 J	ND<0.5	1.8	ND<0.5	0.26 J	0.43 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	1.40	0.18 J	3.6	0.16 J	ND<0.5	1.1	ND<0.5	0.19 J	0.91 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.86	0.11 J	3.4	0.18 J	0.10 J	1.9	ND<0.5	0.14 J	0.50 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	1.80	0.30 J	0.44 J	ND<0.5	ND<0.5	0.16 J	0.18 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	0.91	0.13 J	3.6	0.19 J	ND<0.5	1.9	ND<0.5	0.17 J	0.68 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	1.30	0.15 J	1.9	0.14 J	ND<0.5	0.65	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	0.90	0.11 J	2.6	0.25 J	ND<0.5	1.6	ND<0.5	0.14 J	ND<2	1.2	0.62	0.75 J	0.16 J
	18-Sep-12	0.95	0.15 J	2.2	0.24 J	ND<0.5	1.2	0.11 J	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.75	0.11 J	2.3	0.23 J	ND<0.5	1.3	ND<0.5	0.1 J	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12 ^{4/}	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Dec-12	0.96	0.14 J	2.1	0.24 J	ND<0.5	1.1	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5

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Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	5	5	5	7	NE	5	5	5	5	NE	NE	5	5
RW-5 ^{3/}	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	ND<1	ND<1	1.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	0.6 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	0.6 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	1.1 J	ND<5	ND<5	ND<5	ND<5	ND<5	4.8 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.12 J	ND<0.5	1.4	0.50	ND<0.5	0.51	ND<0.5	ND<0.5	0.45 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	0.76	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.86 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	0.15 J	ND<0.5	0.97	0.54	ND<0.5	0.73	ND<0.5	ND<0.5	0.57 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	0.68	0.54	ND<0.5	0.43 J	ND<0.5	ND<0.5	0.35 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	0.76	0.66	ND<0.5	0.61	ND<0.5	ND<0.5	0.36 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.16 J	ND<0.5	0.12 J	0.65	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	0.46 J	0.51	ND<0.5	0.35 J	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.17 J	ND<0.5	0.49 J	0.53	ND<0.5	0.38 J	ND<0.5	ND<0.5	2.7 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-5 was shut down on May 23, 2012 with EPA approval.													
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	0.67	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	0.70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	0.22 J	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.98	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	0.80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	0.89	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	ND<0.5	ND<0.5	ND<0.5	0.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	ND<0.5	ND<0.5	ND<0.5	0.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.26 J,B	ND<0.5	ND<0.5	0.37 J	0.12 J

TABLE 6
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FORMER ROWE INDUSTRIES SUPERFUND SITE
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2011 and 2012 Recovery Well Water Quality Results - FSP&T System

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	5	5	5	7	NE	5	5	5	5	NE	NE	5	5
RW-6	11-Jan-11	2.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	1.6	ND<1	0.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	1.9	ND<1	0.9 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	1.4	ND<1	0.7 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	1.2	ND<1	0.9 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	1.7	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	1.0	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	1.3	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	3.6 J	ND<5	2.7 J	ND<5	ND<5	1.0 J	ND<5	ND<1	4.5 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	3.5	0.13 J	2.8	0.26 J	0.27 J	0.87	ND<0.5	0.19 J	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	4.2	0.13 J	3.4	0.35 J	0.35 J	1.1	ND<0.5	0.11 J	0.83 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	4.0	0.15 J	2.4	0.33 J	0.23 J	0.83	ND<0.5	0.17 J	0.49 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	2.8	0.12 J	2.3	0.28 J	ND<0.5	0.65	ND<0.5	0.15 J	0.35 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	3.2	0.11 J	2.6	0.28 J	ND<0.5	0.82	ND<0.5	0.19 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	3.2	0.12 J	2.7	0.22 J	0.25 J	0.86	ND<0.5	0.19 J	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	2.8	0.12 J	2.0	0.25 J	0.24 J	0.62	ND<0.5	0.13 J	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	2.9	0.13 J	2.1	0.31 J	ND<0.5	0.58	ND<0.5	0.14 J	2.8 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	3.1	0.13 J	2.0	0.28 J	0.27 J	0.58	ND<0.5	0.14 J	0.84 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	3.1	0.13 J	2.2	0.25 J	ND<0.5	0.65	ND<0.5	0.14 J	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	2.6	0.11 J	1.6	0.33 J	ND<0.5	0.57	ND<0.5	0.12 J	ND<2	0.59	0.26 J	0.31 J	ND<0.5
	18-Sep-12	2.8	0.13 J	1.5	0.36 J	ND<0.5	0.47 J	0.11 J	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	2.3	0.12 J	1.1	0.34 J	ND<0.5	0.35 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	2.2	0.10 J	1.2	0.35 J	ND<0.5	0.38 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	2.4	0.10 J	1.0	0.33 J	ND<0.5	0.36 J	ND<0.5	ND<0.5	0.30 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5

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2011 and 2012 Recovery Well Water Quality Results - FSP&T System

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	5	5	5	7	NE	5	5	5	5	NE	NE	5	5
RW-7	11-Jan-11	1.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	0.9 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	1.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	0.5 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	0.5 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	9/15/2011 ^{2/}	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Oct-11	4.5	0.18 J	0.53	ND<0.5	0.15	0.40 J	ND<0.5	ND<0.5	0.36 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	4.4	0.15 J	0.60	ND<0.5	0.25	0.59	ND<0.5	ND<0.5	0.82 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	2.2	0.11 J	0.43 J	0.11 J	0.13	0.28 J	ND<0.5	ND<0.5	0.50 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	1.4	ND<0.5	0.33 J	0.15 J	0.20 J	0.22 J	ND<0.5	ND<0.5	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	1.9	0.11 J	0.40 J	0.18 J	ND<0.5	0.28 J	ND<0.5	ND<0.5	0.38 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	2.2	0.12 J	0.29 J	ND<0.5	0.11 J	0.02 J	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	1.1	ND<0.5	0.24 J	0.19 J	0.18 J	0.18 J	ND<0.5	ND<0.5	0.52 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.9	ND<0.5	0.19 J	0.21 J	ND<0.5	0.14 J	ND<0.5	ND<0.5	3.0 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	1.0	ND<0.5	0.21 J	0.22 J	0.21 J	0.14 J	ND<0.5	ND<0.5	0.87 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	1.6	ND<0.5	0.28 J	ND<0.5	ND<0.5	0.22 J	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.37 J	0.11 J	0.15 J	ND<0.5
	18-Sep-12	0.76	ND<0.5	0.21 J	0.26 J	ND<0.5	0.13 J	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.50	ND<0.5	0.14 J	0.27 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	0.89	ND<0.5	0.27 J	0.19 J	ND<0.5	0.15 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	0.64	ND<0.5	0.18 J	0.26 J	ND<0.5	0.11 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

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2011 and 2012 Recovery Well Water Quality Results - FSP&T System

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	5	5	5	7	NE	5	5	5	5	NE	NE	5	5
RW-8 ^{3'}	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<1	4.4 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.40 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.80 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.52 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-8 was shut down on April 30, 2012 with EPA approval.													
	17-May-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.4 J,B	0.94	ND<0.5	0.99 J	0.41 J
	20-Jun-12	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	0.12 J	ND<0.5	ND<1	ND<0.5
	27-Aug-12	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	0.13 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.22 J	ND<0.5

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2011 and 2012 Recovery Well Water Quality Results - FSP&T System

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	1,1-Dichloroethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	5	5	5	7	NE	5	5	5	5	NE	NE	5	5
RW-9 ^{3/}	11-Jan-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Feb-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	4.6 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	0.16	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.82 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.51 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.14 J	ND<0.5	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.6 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.48 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-9 was shut down on April 23, 2012 with EPA approval.													
	17-May-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.3 B	0.75	ND<0.5	0.57 J	0.19 J
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.65 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Sep-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	ND<0.5	ND<0.5	ND<0.5	0.13 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	0.23 J	ND<0.5

PCE: Tetrachloroethylene
MTBE: Methyl-tertiary-butyl-ether

TCE: Trichloroethylene
NS: Not sampled

TCA: 1,1,1-Trichloroethane

ND: Not detected

<#: Less than method detection limit

ug/L: Micrograms per liter

-: Not analyzed

J: Analyte detected below quantitation limits, value shown is a laboratory estimate.

B: Analyte was found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

ARAR's are chemical specific aquifer restoration goals for ground water at the Former Rowe Industries Superfund Site.

NE indicates that the ARAR goal was not established for this compound by the EPA.

Bold values indicate an exceedence of the ARAR standard established for the site.

^{1/} Chloromethane, a constituent not previously detected, was detected in the groundwater sample collected from RW-9 at a concentration of 1.8 ug/l.

^{2/} RW-7 was not sampled because the RW-7 pump was not operable at the time of the sampling event.

^{3/} Starting in June 2012 groundwater samples from these recovery wells are collected via low-flow methods.

^{4/} RW-4 was not sampled because the well vault could not be opened due to ponding above the well vault caused by heavy rain fall.

TABLE 7
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Monitor Well Construction Details

Well	Location	Top of Casing Elevation (ft msl)	Well Diameter (in)	Installed Total Depth (ft btoc)	Measured TD (ft btoc)	Date Measured	Screen Setting (ft bg)	Screen Type and Size	Casing Material	Surface Completion	Date Constructed	Comment
MW-B1	Discharge Basin	35	2	52.0	52.0	9/14/2010	45-55	PVC	SCH40 PVC	stick-up		
MW-B2	Discharge Basin	37.66	2	53.0	52.9	9/22/2011	45-55	PVC	SCH40 PVC	stick-up		
MW-B3	Discharge Basin	31.62	2	52.0	52.7	9/22/2011	45-55	PVC	SCH40 PVC	stick-up		
MW-B4	Discharge Basin	30.74	2	52.0	52.3	9/22/2011	45-55	PVC	SCH40 PVC	stick-up		
MW-28A	Onsite in back of main building	25.88	2	40.0	40.3	9/22/2011	30-40	10-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	7/8/2004	
MW-28B	Onsite in back of main building	25.85	2	50.0	50.7	9/22/2011	40-50	10-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	7/7/2004	
MW-42A	Bay Burger, SW section of parking lot (former Gingerbread House)	22.95	2	27.0	--	--	12-27	20-Slot, flush joint stainless-steel wire wrapped	Flush joint stainless steel	flush mount curb box, asphalt to edge of curb box.	10/5/1989	Damaged during repaving of parking lot.
MW-42B	Bay Burger, SW section of parking lot (former Gingerbread House)	23.2	2	66.0	65.7	9/22/2011	56-66	20-Slot, flush joint stainless-steel wire wrapped	Flush joint stainless steel	flush mount curb box, asphalt to edge of curb box.	10/6/1989	
MW-42C	Bay Burger, SW section of parking lot (former Gingerbread House)	23.14	2	98.0	--	--	88-98	20-Slot, flush joint stainless-steel wire wrapped	Flush joint stainless steel	flush mount curb box, asphalt to edge of curb box.	10/9/1989	Damaged during repaving of parking lot.
MW-43A	Carroll St. near RW-6, in right of way at edge of road (blacktop).	22.81	2	29.0	28.7	9/22/2011	14-29	20-Slot, flush joint stainless-steel wire wrapped	Flush joint stainless steel	flush mount curb box, asphalt to edge of curb box.	10/13/1989	
MW-43B	Carroll St. near RW-6, in right of way at edge of road (blacktop).	22.97	2	74.0	74.4	9/22/2011	64-74	20-Slot, flush joint stainless-steel wire wrapped	Flush joint stainless steel	flush mount curb box, asphalt to edge of curb box.	10/16/1989	
MW-43C	Carroll St. near RW-6, in right of way at edge of road (blacktop).	23.06	2	107.0	107.4	9/22/2011	97-107	20-Slot, flush joint stainless-steel wire wrapped	Flush joint stainless steel	flush mount curb box, asphalt to edge of curb box.	10/17/1989	
MW-44A	Onsite near RW-2	29.33	2	36.2	34.5	9/22/2011	16.2-36.2	20-Slot PVC	SCH40 PVC	flush mount, curb box	6/14/1991	
MW-44B	Onsite near RW-2	29.39	2	49.3	49.5	9/22/2011	39.2-49.2	20-Slot PVC	SCH40 PVC	flush mount, curb box	6/14/1991	
MW-44C	Onsite near RW-2	29.64	2	71.3	72.0	9/22/2011	61.3-71.3	20-Slot PVC	SCH40 PVC	flush mount, curb box	6/14/1991	
MW-45A	FDSA, Onsite near fence	27.9	2	28.8	28.8	9/22/2011	13.9-28.9	20-Slot PVC	SCH40 PVC	flush mount, curb box	6/10/1991	
MW-45B	FDSA, Onsite near fence	27.67	2	50.6	51.1	9/22/2011	40.5-50.5	20-Slot PVC	SCH40 PVC	flush mount, curb box	6/7/1991	
MW-46A	Onsite in woods	15.84	2	15.1	14.8	9/22/2011	5-15	20-Slot PVC	SCH40 PVC	steel stick-up		
MW-46B	Onsite in woods	16.4	2	40.0	45.5	9/22/2011	30-40	20-Slot PVC	SCH40 PVC	steel stick-up		
MW-47A	Onsite in woods	14.98	2	8.7	14.9	9/22/2011	0-10	20-Slot PVC	SCH40 PVC	steel stick-up	6/19/1991	
MW-47B	Onsite in woods	15.1	2	45.0	42.0	9/22/2011	35-45	20-Slot PVC	SCH40 PVC	steel stick-up	6/19/1991	
MW-48A	Lily Pond Road Background	31.26	2	35.0	34.7	9/22/2011	20-35	Steel	STEEL	flush mount, curb box with concrete collar	6/21/1991	
MW-48B	Lily Pond Road Background	32.13	2	70.0	47.5	9/22/2011	60-70	Steel	STEEL	flush mount, curb box with concrete collar	6/25/1991	
MW-49A	Noyac Road near RW-9	11.75	2	23.0	22.7	9/22/2011	8-23	PVC	SCH40 PVC	flush mount, curb box with concrete collar	6/26/1991	
MW-49B	Noyac Road near RW-9	11.75	2	68.7	69.5	9/22/2011	58-68	PVC	SCH40 PVC	flush mount, curb box with concrete collar	6/30/1991	
MW-49C	Noyac Road near RW-9	11.86	2	99.1	100.0	9/22/2011	90-100	PVC	SCH40 PVC	flush mount, curb box with concrete collar	7/5/1991	
MW-50A	Morris Cove Road	7.71	2	30.0	29.0	9/22/2011	15-30	Steel	STEEL	flush mount, curb box with concrete collar	7/9/1991	
MW-50B	Morris Cove Road	7.58	2	60.0	59.5	9/22/2011	50-60	Steel	STEEL	flush mount, curb box with concrete collar	7/10/1991	
MW-50C	Morris Cove Road	7.33	2	78.0	78.0	9/14/2010	67-77	Steel	STEEL	flush mount, curb box with concrete collar	7/15/1991	
MW-51A	FDSA, Onsite near fence	26.21	2	27.0	--	--	17-27	20-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	10/22/1991	Inaccessible, under concrete barrier.
MW-52A	FDSA, Onsite near fence, between concrete barrier and fence.	26.81	2	29.0	20.2	9/22/2011	19-29	20-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	10/23/1991	

TABLE 7
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Monitor Well Construction Details

Well	Location	Top of Casing Elevation	Well Diameter	Installed Total Depth	Measured TD	Date Measured	Screen Setting	Screen Type and Size	Casing Material	Surface Completion	Date Constructed	Comment
MW-53	Carroll St. between RW-6 & 5, in grass.	24.19	2	50.0	50.4	9/22/2011	40-50	20-Slot PVC	SCH40 PVC	flush mount curb box, below grade concrete collar, grass to edge of curb box	5/20/1996	
MW-54	Carroll St. between RW-6 & 5, in grass.	25.85	2	50.0	49.7	9/22/2011	40-50	20-Slot PVC	SCH40 PVC	flush mount curb box, below grade concrete collar, grass to edge of curb box	5/21/1996	
MW-55	Hildreth Street near corner of Brick Kiln Road.	10.99	2	65.0	65.1	9/22/2011	55-65	10-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	7/8/2004	
MW-56A	Brick Kiln Road between Carroll and Hildreth	13.35	2	25.0	24.7	9/22/2011	15-25	10-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	7/15/2004	
MW-56B	Brick Kiln Road between Carroll and Hildreth	13.39	2	65.0	65.0	9/22/2011	55-65	10-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	7/15/2004	
MW-56C	Brick Kiln Road between Carroll and Hildreth	13.44	2	100.0	100.4	9/22/2011	90-100	10-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	7/14/2004	
MW-57A	Brick Kiln Road south of Carroll Street	20.72	2	19.0	19.3	9/14/2010	9-19	10-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	7/19/2004	
MW-57B	Brick Kiln Road south of Carroll Street	20.63	2	35.0	35.4	9/14/2010	25-35	10-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	7/19/2004	
MW-57C	Brick Kiln Road south of Carroll Street	18.63	2	100.0	99.9	9/14/2010	90-100	10-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	8/10/2004	
MW-98-01A	FDSA, Hagerman's property	30.49	2	27.0	27.4	9/22/2011	17-27	20-Slot PVC	SCH40 PVC	flush mount curb box, below grade concrete collar, grass to edge of curb box	5/8/1998	
MW-98-01B	FDSA, Hagerman's property	29.49	2	45.0	--	--	35-45	20-Slot PVC	SCH40 PVC	flush mount curb box, below grade concrete collar, grass to edge of curb box	4/14/1998	Abandoned
MW-98-02A	FDSA, Hagerman's property	--	2	27.0	--	--	17-27	20-Slot PVC	SCH40 PVC	flush mount curb box, below grade concrete collar, grass to edge of curb box	5/8/1998	Abandoned
MW-98-02B	FDSA, Hagerman's property	--	2	45.0	--	--	35-45	20-Slot PVC	SCH40 PVC	flush mount curb box, below grade concrete collar, grass to edge of curb box	4/15/1998	Abandoned
MW-98-03	FDSA, Christensen property	33.25	2	30.0	--	--	20-30	20-Slot PVC	SCH40 PVC	flush mount curb box, below grade concrete collar, grass to edge of curb box	5/8/1998	Abandoned, access agreement not renewed.
MW-98-04	FDSA, Onsite on pavement	29.31	2	26.5	25.4	9/22/2011	16.5-26.5	20-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	5/11/1998	
MW-98-05A	FDSA, Hagerman's property	29.7	2	28.0	24.9	9/22/2011	18-28	20-Slot PVC	SCH40 PVC	flush mount curb box, below grade concrete collar, grass to edge of curb box	5/7/1998	
MW-98-05B	FDSA, Hagerman's property	30.01	2	45.0	27.4	9/22/2011	35-45	20-Slot PVC	SCH40 PVC	flush mount curb box, below grade concrete collar, grass to edge of curb box	5/11/1998	
MW-98-06A	FDSA, Christensen property	34.41	2	29.0	--	--	19-29	20-Slot PVC	SCH40 PVC	flush mount curb box, below grade concrete collar, grass to edge of curb box	5/15/1998	Abandoned, access agreement not renewed.
N-1A	Near RW-9, between sign and tree	11.87	2	12.0	12.4	9/22/2011	10-12	16-Slot, Johnson, steel	STEEL	flush mount curb box with concrete collar	3/7/1984	SCDHS
N-1B	Near RW-9, between RW-9 and tree	10.02	2	65.0	65.4	9/22/2011	55-65	10-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	7/12/2004	
N-2A	Past MW-49 cluster, in grass between edge of Rd and sidewalk	12.5	2	22.0	21.5	9/22/2011	20-22	16-Slot, Johnson, steel	STEEL	flush mount curb box with concrete collar	3/7/1984	SCDHS

TABLE 7
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FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Monitor Well Construction Details

Well	Location	Top of Casing Elevation	Well Diameter	Installed Total Depth	Measured TD	Date Measured	Screen Setting	Screen Type and Size	Casing Material	Surface Completion	Date Constructed	Comment
N-2B	Past MW-49 cluster, in grass between edge of Rd and sidewalk	12.06	2	65.0	65.0	9/22/2011	55-65	10-Slot PVC	SCH40 PVC	flush mount curb box with concrete collar	7/13/2004	
N-3	Brick Kiln Road, near Carroll Street	17	2	22.0	--	--	20-22	16-Slot, Johnson, Steel	STEEL		3/12/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-4	Brick Kiln Road, near current MW-57 cluster.	--	2	22.0	--	--	20-22	16-Slot, Johnson, Steel	STEEL		3/12/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-5	Brick Kiln Road, NE of current MW-56 cluster.	13.5	2	22.0	--	--	20-22	16-Slot, Johnson, Steel	STEEL		3/20/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-6	Carroll Street	17.36	2	22.0	--	--	20-22	16-Slot, Johnson, Steel	STEEL		3/20/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-7	Carroll Street	24.5	2	22.0	--	--	20-22	16-Slot, Johnson, Steel	STEEL		3/21/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-8	Corner of Carroll Street and Sag Harbor Turnpike.	25	2	32.0	--	--	30-32	16-Slot, Johnson, Steel	STEEL		3/22/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-9	Northern corner of intersection of Hildreth & SH Turnpike, immediately next to stop sign.	14.9	2	20.0	20.0	9/22/2011	20-22	16-Slot, Johnson, Steel	STEEL	flush mount curb box with concrete collar	1984	
N-10	Carroll Street	23.5	2	40.0	--	--	38-40	16-Slot, Johnson, Steel	STEEL		4/23/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-11	Carroll Street	23.1	2	21.0	--	--	19-21	16-Slot, Johnson, Steel	STEEL		4/25/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-12	Lily Pond Road	43	2	43.0	--	--	41-43	16-Slot, Johnson, Steel	STEEL		5/9/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-13	Lily Pond Road	--	2	43.0	--	--	41-43	16-Slot, Johnson, Steel	STEEL		5/7/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-14	Lily Pond Road	24	2	22.0	--	--	20-22	16-Slot, Johnson, Steel	STEEL		5/10/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-15	Lily Pond Road	26.1	2	22.0	--	--	20-23	16-Slot, Johnson, Steel	STEEL		5/15/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-16	Along SH Turnpike, near RW-4, at edge of woods	19.92	2	22.6	21.3	9/22/2011	21-23	16-Slot, Johnson, Steel	STEEL	flush mount curb box with concrete collar	5/16/1984	
N-17	Along SH Turnpike, in middle of grassy shoulder between edge of SH Turnpike and edge of woods	17.71	2	23.0	23.0	9/22/2011	21-23	16-Slot, Johnson, Steel	STEEL	flush mount curb box with concrete collar	5/21/1984	
N-18	Sag Harbor Turnpike, south of Carroll Street	32	2	33.5	--	--	31.5-33.5	16-Slot, Johnson, Steel	STEEL		5/22/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-19	Noyac Road	10.65	2	22.0	--	--	20-22	16-Slot, Johnson, Steel	STEEL		5/23/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-20	Kiln Brick Road	5.00	2	23.0	--	--	21-23	16-Slot, Johnson, Steel	STEEL		6/4/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-21	Columbia Street	7.25	2	22.0	--	--	20-22	16-Slot, Johnson, Steel	STEEL		6/4/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-22	Sag Harbor Turnpike	--	2	120.0	--	--	118-120	16-Slot, Johnson, Steel	STEEL		7/31/1984	SCDHS, Well pulled out 9-26-84.
N-22-B	Sag Harbor Turnpike	--	2		--	--	15-17	16-Slot, Johnson, Steel	STEEL		10/8/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-23	Sag Harbor Turnpike	12.89	2	10.0	--	--	8-10	16-Slot, Johnson, Steel	STEEL		8/1/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-24	Sag Harbor Industries	27.24	2	38.0	--	--	36-38	16-Slot, Johnson, Steel	STEEL		8/8/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-25	Sag Harbor Industries	25.44	2	24.0	--	--	22-24	16-Slot, Johnson, Steel	STEEL		8/8/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-26	Sag Harbor Industries	25.18	2	23.0	--	--	21-23	16-Slot, Johnson, Steel	STEEL		8/13/1984	SCDHS, Destroyed/unlocated/no longer have access to well.

TABLE 7
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FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Monitor Well Construction Details

Well	Location	Top of Casing Elevation	Well Diameter	Installed Total Depth	Measured TD	Date Measured	Screen Setting	Screen Type and Size	Casing Material	Surface Completion	Date Constructed	Comment
N-27	Sag Harbor Industries	24.9	2	23.0	--	--	21-23	16-Slot, Johnson, Steel	STEEL		8/15/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-28	Sag Harbor Industries	26.76	2	23.0	--	--	21-23	16-Slot, Johnson, Steel	STEEL		8/20/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-29	Sag Harbor Industries	--	2	23.0	--	--	21-23	16-Slot, Johnson, Steel	STEEL		8/20/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-30	Sag Harbor Industries	--	2	23.0	--	--	21-23	16-Slot, Johnson, Steel	STEEL		8/22/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-31	Sag Harbor Industries	28.91	2	23.0	--	--	21-23	16-Slot, Johnson, Steel	STEEL		8/23/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-32	in SHI parking lot	32.12	2	33.0	30.0	9/22/2011	31-33	16-Slot, Johnson, Steel	STEEL	flush mount, cement collar, curb box	9/10/1984	
N-33	in SHI parking lot	22.43	2	23.0	--	--	21-23	16-Slot, Johnson, Steel	STEEL		9/10/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-34	in SHI parking lot	--	2	23.0	--	--	21-23	16-Slot, Johnson, Steel	STEEL		9/12/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-35	Sag Harbor Turnpike	--	2	32.0	--	--	30-32	16-Slot, Johnson, Steel	STEEL		9/24/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-36	Sag Harbor Turnpike	26.27	2	33.0	--	--	31-33	16-Slot, Johnson, Steel	STEEL		9/25/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-37	Fabiano front yard, in grass left of driveway	31.41	2	25.0	26.3	9/14/2010	23-25	16-Slot, Johnson, Steel	STEEL	flush mount, cement collar, curb box	8/30/1984	
N-38	Fabiano side yard near shrubbery	31.49	2	30.2	30.5	9/22/2011	28-30	16-Slot, Johnson, Steel	STEEL	flush mount, cement collar, curb box	9/6/1984	
N-39	Fabiano back yard near edge of woods	26.95	2	33.0	32.4	9/22/2011	31-33	16-Slot, Johnson, Steel	STEEL	flush mount, cement collar, curb box	9/20/1984	
N-40	Sag Harbor Turnpike	25.11	2	23.0	--	--	21-23	16-Slot, Johnson, Steel	STEEL		9/24/1984	SCDHS, Destroyed/unlocated/no longer have access to well.
N-41	Lily Pond Rd.	13.5	2	23.0	--	--	21-23	16-Slot, Johnson, Steel	STEEL		10/11/1984	SCDHS, Destroyed/unlocated/no longer have access to well.

SCDHS Suffolk County Department of Health Services
ft msl Feet mean sea level
in Inches
ft btoc Feet below top of casing
ft bg Feet below grade
N-41 Destroyed, unlocated, inaccessible or abandoned monitor well.

TABLE 8

2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF PCE DETECTED IN GROUNDWATER FROM MONITOR AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																
	9/02*** *	Mar-03	Sep-03	Mar-04	Jul-04	Sep-04	Jan-05	Mar-05	May-05	Jun-05	Aug-05	Sep-05	Dec-05	Mar-06	Sep-06	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	
MW-B1			ND	ND		ND		ND				ND		ND	ND		ND		ND		ND		ND		ND	ND				ND			
MW-B2			ND																						ND	ND				ND			
MW-B3			ND	ND																					ND	ND				ND			
MW-B4			ND	ND																					ND	ND				ND			
FRW-1	300	85	110	36		18		210	150	32	24	11	670	110	310	41	380	600	6.5	120	15	160	180	68	37	37	52	48	130	130	23	110	
FRW-2	0.7	24	51	28		150	130	200	380	420	190	10	450	450	2.5	5.7	ND	27	72	24	20	33	150	39	24	25	48	40	59	69	65	53	
FRW-3	94	98	150	230		67		1500	480	720	110	63	1,000	920	480	120	1.9	62	16	270	110	190	110	19	16	12	65	32	34	15	25	46	
FRW-4								12	12	10	4.2	2.5	36	34	4.8	ND	4.5	2.3	18	17	5.3	5.3	ND	4.5	22	22	21	14	13	6.1	2.3	0.36 J	
RW-1	ND	ND	ND	ND		ND		ND						ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND			
RW-2	120	26	7.9	4.9		12		20				16		6.5	2.8	ND	1.4		3.4	4.0	1.8	1.0	ND	0.91 J	0.96 J	0.81	0.57	0.53		0.52	0.66	1.3	
RW-3	30	2.4	2.8	1.2		2.7		3				1		1.1		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.19 J	ND	ND		ND	ND	0.10 J	
RW-4	590	150	210	170		120						45		22	9	7.3	9.4	6.5	3.8	3.3	4.5	2.1	ND	0.82 J	1.1 J	1.4	0.91	0.90		0.95	0.75	0.96	
RW-5	ND	19	15	14		24		14				8		2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	ND		ND	ND	ND	
RW-6	140	130	140	110		130		120				100		65	46	29	14	19	13	10	11	7.0	4.3	1.9	3.6 J	3.2	3.1	2.6		2.8	2.3	2.4	
RW-7	350	160	120	100		59		42				39		38	36	23	25	11	5.4	5.5	9.5	3.6	ND	1.8	--	2.2	1.0	ND		0.76	0.50	0.64	
RW-8	100	70	30	22				9				2.9		1.3	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12 J	0.11 J	0.11 J		0.10 J	ND	0.13 J	
RW-9	11	23	25	ND		3.7		ND				1.2		1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	
MW-28A (New)					1.3	13		8.9				ND		2.7	ND	ND	ND	ND	ND	21	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND
MW-28B (New)					1.2			ND				ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND					ND	ND	ND
MW-42A														ND																			
MW-42B														ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND				ND			
MW-42C														ND	ND	ND																	
MW-43A			ND					ND							ND	ND						ND			ND	2.3				1.2			
MW-43B		180	110	200		ND		ND				ND		7.6	1.5	ND	ND	ND	ND	ND	ND	12	2.7	1.0	4.5 J	3.4				ND			
MW-43C		ND	ND	ND				52				ND		20	ND	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND			
MW-44A		8.7		ND				1.2				ND		ND	ND	ND	ND	ND	ND	ND	1.1	0.66 J	ND	ND	ND	ND				0.11 J			
MW-44B		ND		ND		1.5						ND		ND	ND	ND	5.0	ND	ND	ND	ND	3.1	ND	ND	ND	0.16 J				0.30 J			
MW-44C						ND						ND		ND	ND		ND		ND		ND		ND		ND					ND			
MW-45A		ND		ND		1.0	32.0	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.3	ND	ND	ND					0.11 J	ND	ND	
MW-45B		ND	34	ND		ND						ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND		
MW-46A		14		ND		ND		ND				ND		ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND			
MW-46B		ND				ND		ND				ND		ND	ND						ND		ND		ND					ND			
MW-47A				3.3		21		16				1.7		2.5	ND	ND	0.81	3.5		ND	0.81	3.2	ND	ND	0.77 J	0.27 J							
MW-47B						ND		ND				ND		ND	ND		ND		ND			ND			ND					ND			
MW-48A		ND	ND	ND		ND						ND		ND									ND		ND								
MW-48B				ND		ND		ND				ND		ND	ND		ND		ND			ND		ND		ND	ND				ND		
MW-49A		ND	ND	ND		29		ND				25		2.2	ND	ND		ND	ND	NS/Dry	ND	ND	ND	ND	ND	ND	ND			0.11 J		ND	
MW-49B		230	150	15		ND		53				35		26	7.6	6.8	2.1	3	4.6	3.6	2.3	1.4	ND	ND	ND	0.60	0.89			0.43 J		0.87	
MW-49C			7.3	87		42		6.0				0.9		2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39 J				ND		0.58	

TABLE 8

2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF PCE DETECTED IN GROUNDWATER FROM MONITOR AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																															
	9/02*** *	Mar-03	Sep-03	Mar-04	Jul-04	Sep-04	Jan-05	Mar-05	May-05	Jun-05	Aug-05	Sep-05	Dec-05	Mar-06	Sep-06	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12
MW-50A		ND	ND	ND		ND						ND		ND									ND		ND					ND		
MW-50B		ND	ND	ND		ND						ND		ND			ND		ND		ND		ND		ND					ND		
MW-50C		ND	ND	ND		ND						ND		ND									ND		ND					ND		
MW-52A						ND		ND				ND					ND		ND		ND		ND	ND	ND	ND				0.32 J	ND	ND
MW-53																	3.2	3.0	ND	ND	ND	0.71 J	0.4 J	ND	ND	0.72				0.31 J		
MW-54																	2.0	4.6	1.2	1.2	1.5	5.1	0.32 J	ND	0.80 J	0.42 J				0.44 J		
MW-55					ND							ND		ND	ND						ND		ND		ND					ND		
MW-56A					ND			1.2				ND		ND	ND		ND		ND		ND		ND		ND					ND		
MW-56B					ND	ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		
MW-56C					ND			ND				ND		ND	ND	ND	ND	ND	ND	ND	ND		ND		ND					ND		
MW-57A					ND			ND						ND	ND						ND		ND									
MW-57B					ND			ND				ND		ND	ND		ND		ND		ND		ND									
MW-57C						ND		ND						ND	ND		ND		ND		ND		ND							ND		
MW-98-01A			ND	ND		4.4	9.4									ND	11	9.5	38	1.5	1.1	4.7	ND	1.5	4.9	0.55				2.2		1.8
MW-98-01B			ND																													
MW-98-03		ND	ND																													
MW-98-04		ND	23			ND		28	4.9	1.7	ND	ND	45	7.0	ND	ND	ND	18	20	ND	7.6	0.68 J	ND	0.99 J	ND	0.36 J				8.8		
MW-98-05A		670	600	260		79	760											1.4	190	200	9.2	65	ND	37	190	4.5		ND	18	14	0.16 J	56
MW-98-05B		ND	ND	ND												66	78	66		ND	ND	ND	ND	ND	ND	ND			ND			
MW-98-06A			ND																													
MW-98-06B			ND																													
MW-98-07			ND																													
N-1A				ND										ND							ND		ND		ND					ND		
N-1B					ND			ND				ND		ND	ND		ND		ND		ND		ND		ND					ND		
N-2A				ND										ND							ND		ND		ND					ND		
N-2B					ND			ND				ND		ND	ND		ND		ND		ND		ND		ND					ND		
N-6																																
N-9			ND	ND				ND															ND		ND					ND		
N-11																																
N-16			ND	ND				ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		
N-17			ND	ND				ND				ND		ND	ND		ND		ND		ND		ND		ND					ND		
N-32						ND															ND	ND	ND	ND	ND	ND				ND		
N-37					ND			ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND				ND		
N-38					ND	1.8		1.8				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		
N-39			0.7	16		3.2		6.0				6.8		ND	ND	ND	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND				ND		

* Effluent sample from focus pump and treat
** DBS – Sample collected using diffusive bag sample method
*** Collected after 4 hours of pumping during execution of Initial Testing Plan

TABLE 9

2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCE DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																																
	9/02***	Mar-03	Sep-03	Mar-04	Jul-04	Sep-04	Jan-05	Mar-05	May-06	Jun-06	Aug-06	Sep-05	Dec-05	Mar-06	Sep-06	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	
MW-B1			ND	ND		ND		ND				ND		ND	ND		ND		ND		ND		ND		ND	ND				ND			
MW-B2			ND																						ND	ND				ND			
MW-B3			ND	ND																					ND	ND				ND			
MW-B4			ND	ND																					ND	ND				ND			
FRW-1	ND	ND	ND	ND		ND		1.6	ND	ND	ND	ND	ND	ND	ND	ND	7.8	110	ND	2.4	ND	1.2	3.1	ND	ND	1.0	3.7	15	38	39	10	29	
FRW-2	ND	ND	ND	ND		14	7.4	15	6.2	12	12	ND	23	13	ND	ND	ND	10	19	ND	ND	1.7	18	ND	1.4 J	1.8	0.83	8.5	9.8	13	11	13	
FRW-3	ND	ND	ND	ND		1.9		31	8.2	28	13	1.7	77	41	4.5	16	20	23	6.6	10	12	3.2	12	2.6	1.5 J	1.1	2.5	8.2	6.6	4.6	8.8	10	
FRW-4								ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND	0.99J	ND	ND	ND	ND	4.5	ND	0.99 J	1.2	1.6	0.86	0.64	0.33 J	ND	0.13 J	
RW-1	ND	ND	ND	ND		ND		ND						ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND			
RW-2	1.4	1.8	ND	ND		ND		1.1				1.8		3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	0.21 J	0.21 J		0.25 J	0.34 J	0.66	
RW-3	ND	3.6	5.8	5.0		21		13				3.6		3.4		ND	ND	2.2	ND	2.5	ND	1.4	0.63 J	ND	0.93 J	0.81	ND	ND		ND	ND	0.18 J	
RW-4	9.5	3.6	5.7	5.8		3.7						ND		ND	ND	ND	1.1	0.57J	ND	ND	ND	ND	ND	ND	ND	0.18 J	0.13 J	0.11 J		0.15 J	0.11 J	0.14 J	
RW-5	ND	ND	ND	ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	
RW-6	1.1	1	2.2	2.7		3.3		2.3				1.6		1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12 J	0.13 J	0.11 J		0.13 J	0.12 J	0.10 J	
RW-7	5.2	2.3	2.3	3.0		2.2		1.5				ND		ND	ND	ND	0.73	ND	ND	ND	ND	ND	ND	ND		0.12 J	ND	ND		ND	ND	ND	
RW-8	6.6	2.9	1.7	2.7				9				ND		ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	
RW-9	3	2.2	1.2	2.2		1.0		1.4				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	
MW-28A (New)					ND	ND		ND				ND		3.2	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND					ND	0.52	
MW-28B (New)					ND			ND				ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND					0.49 J	0.49 J	
MW-42A														ND																			
MW-42B														ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND				ND			
MW-42C														ND	ND	ND																	
MW-43A			ND					ND							ND	ND						ND			ND	0.16 J				0.22 J			
MW-43B		1.8	1/ND	ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND	ND				ND			
MW-43C		ND	ND	ND				ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND			
MW-44A		ND		ND				ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND			
MW-44B		ND		ND		ND						ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND			
MW-44C						ND						ND		ND	ND	ND	ND		ND		ND		ND		ND					ND			
MW-45A		ND		ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND					ND	ND	ND	
MW-45B		ND	ND	ND		ND						ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND		
MW-46A		5.6		ND		ND		ND				ND		ND	ND		0.59	ND	ND	ND	ND	ND	ND	ND	ND	0.24 J				ND			
MW-46B		ND		ND		ND		ND				ND		ND	ND					ND		ND	ND	ND	ND					ND			
MW-47A				16		3.9		ND				ND		ND	ND		0.97	14		ND	ND	2.8	ND	ND	1.7 J	0.77							
MW-47B						ND		ND				ND		ND	ND				ND		ND		ND		ND					ND			
MW-48A		ND	ND	ND		ND						ND		ND									ND		ND								
MW-48B						ND		ND				ND		ND	ND		ND		ND		ND		ND		ND	ND					ND		
MW-49A		ND	ND	ND		ND		ND				ND		ND	ND	ND		ND	ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-49B		6.4	3/ND	ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND		0.10 J	
MW-49C		ND		ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND		ND	

TABLE 9

2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCE DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELLS, ug/l

Monitor or Recovery Wells	Sample Dates																															
	9/02***	Mar-03	Sep-03	Mar-04	Jul-04	Sep-04	Jan-05	Mar-05	May-06	Jun-06	Aug-06	Sep-05	Dec-05	Mar-06	Sep-06	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12
MW-50A		ND	ND	ND		ND						ND		ND									ND		ND					ND		
MW-50B		ND	ND	ND		ND						ND		ND			ND		ND		ND		ND		ND					ND		
MW-50C		ND	ND	ND		ND						ND		ND									ND		ND					ND		
MW-52A						ND		ND				ND					ND		ND		ND		ND	ND	ND	ND				ND	ND	ND
MW-53																	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		
MW-54																	ND	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND			ND		
MW-55					ND							ND		ND	ND						ND		ND		ND					ND		
MW-56A					ND			ND						ND	ND		ND		ND		ND		ND		ND					ND		
MW-56B					ND	ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND		
MW-56C					ND			ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND					ND		
MW-57A					ND			ND						ND	ND						ND		ND									
MW-57B					ND			ND				ND		ND	ND		ND		ND		ND		ND									
MW-57C						ND		ND						ND	ND		ND		ND		ND		ND							ND		
MW-98-01A			ND	ND		ND	ND									ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		0.11 J
MW-98-01B			ND																													
MW-98-03		ND	ND																													
MW-98-04		ND	ND			ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				0.13 J		
MW-98-05A		8.3	ND	1.6		ND												ND	11	1.8	1.1	6.2	ND	3.1	3.8 J	0.48 J		ND	2.6	2.4	0.33 J	5.7
MW-98-05B		ND	ND	ND		ND										15	26	9.5		ND	ND	ND	ND	ND	ND	ND				0.21 J		
MW-98-06A			ND																													
MW-98-06B			ND																													
MW-98-07			ND																													
N-1A				ND										ND							ND		ND		ND					ND		
N-1B					ND			ND				ND		ND	ND		ND		ND		ND		ND		ND					ND		
N-2A				ND										ND							ND		ND		ND					ND		
N-2B					ND			ND				ND		ND	ND		ND		ND		ND		ND		ND					ND		
N-6																																
N-9			ND	ND				ND															ND		ND					ND		
N-11																																
N-16			ND	ND				ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		
N-17			ND	ND				ND				ND		ND	ND		ND		ND		ND		ND		ND					ND		
N-32						ND														ND	ND	ND	ND	ND	ND	ND				ND		
N-37					ND			ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		
N-38					ND	ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		
N-39			95	12		1.2		1.2				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		

*Effluent sample from focus pump and treat

**DBS – Samples collected using diffusive bag sample method

*** Collected after 4 hours of pumping during execution of Initial Testing Plan

TABLE 10

2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCA DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELL, ug/l

Monitor or Recovery Well	Sample Dates																																
	9/02** *	Mar-03	Sep-03	Mar-04	Jul-04	Sep-04	Jan-05	Mar-05	May-05	Jun-05	Aug-05	Sep-05	Dec-05	Mar-06	Sep-06	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12	
MW-B1			ND	ND		ND		ND				ND		ND	ND		ND		ND		ND		ND		ND	ND				ND			
MW-B2			ND											ND			ND				ND		ND		ND	ND				ND			
MW-B3			ND	ND																					ND	ND				ND			
MW-B4			ND	ND																					ND	ND				ND			
FRW-1	ND	ND	ND	2.8		ND		3.2	ND	ND	ND	ND	6.3	ND	11	ND	14	13	ND	ND	ND	4.6	5.7	0.58 J	ND	0.24 J	1.0	3.1	4.8	5.8	3.5	3.9	
FRW-2	ND	ND	ND	ND		1.0	23	5.6	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	0.13 J	0.37 J	0.43 J	0.51	ND	0.50	
FRW-3	ND	ND	ND	ND		2.6		61	28	54	5.1	ND	28	44	ND	18	ND	1.3	ND	ND	ND	ND	1.8	ND	ND	ND	0.30 J	0.39 J	0.35 J	0.29 J	0.36 J	0.43 J	
FRW-4								ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14 J	0.16 J	0.21 J	0.21 J	ND	ND	ND	
RW-1	ND	ND	ND	ND		ND		ND						ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND			
RW-2	ND	ND	ND	ND		ND		ND				ND		ND	200	31	1.2		2.4	1.9	ND	1.7	ND	ND	ND	0.11 J	0.26 J	0.23 J		0.25 J	0.3 J	0.24 J	
RW-3	ND	1.1	2.9	2.3		8.7		5.0				1.2		ND		ND	ND	0.8 J	ND	1.3	ND	ND	ND	ND	ND	0.27	ND	ND		ND	ND	ND	
RW-4	1.6	ND	1.1	4.5		18						6		7	7.5	2.1	10	3	6	ND	ND	4.2	1.9	ND	2.7 J	3.6	3.6	2.6		2.2	2.3	2.1	
RW-5	ND	ND	ND	ND		6.5		4.3				3.8		3	ND	ND	ND	ND	2.6	2.0	ND	2.6	ND	ND	1.1 J	0.12 J	ND	ND		ND	ND	ND	
RW-6	ND	ND	ND	ND		2.2		6.6				12		17	27	8.4	11	6.1	6.5	6.5	4.1	4.2	2.8	0.93 J	2.7 J	2.7	2.0	1.6		1.5	1.1	1.0	
RW-7	ND	ND	ND	ND		ND		1.7				3.4		4.1	7.5	2.7	2.8	1.1	ND	ND	ND	0.77 J	0.67 J	ND	--	0.29 J	0.21 J	ND		0.21 J	0.14 J	0.18 J	
RW-8	ND	2.7	3.6	4.3				4.2				4.2		2.8	3		2	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	
RW-9	3.5	2.8	3.5	12		6		5.9				2		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	
MW-28A(New)					ND	ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND					ND	1.0	
MW-28B(New)					ND			ND				ND		ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND					0.49 J	0.48 J	
MW-42A														ND																			
MW-42B														ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND				ND			
MW-42C														ND	ND	ND																	
MW-43A			ND					ND							ND	ND						ND			5.3	7.6				5.7			
MW-43B		ND	ND	ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	3.8	0.69 J	ND	1.1 J	1.2				ND			
MW-43C		ND	ND	ND				ND				ND		4.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND			
MW-44A		ND		ND				ND				ND		ND	5.1	4.8	1.9	41	ND	ND	ND	ND	ND	ND	ND	ND				ND			
MW-44B		ND		ND		ND						ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND			
MW-44C						ND						ND		ND	ND	ND	ND		ND		ND		ND		ND					ND			
MW-45A		ND		ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND					ND	ND	ND	
MW-45B		ND	ND	ND		ND						ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND		
MW-46A		ND		ND		ND		ND				ND		ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND			
MW-46B		ND				ND		ND				ND		ND	ND						ND		ND		ND					ND			
MW-47A				7.5		ND		ND				ND		ND	ND	ND	ND	6.7		ND	ND	ND	ND	ND	ND	0.15 J							
MW-47B						ND		ND				ND		ND	ND					ND	ND		ND		ND					ND			
MW-48A		ND		ND		ND						ND		ND									ND		ND								
MW-48B						ND		ND				ND		ND	ND		ND		ND		ND		ND		ND	ND					ND		
MW-49A		ND	ND	ND		ND		ND				ND		ND	ND	ND		ND	ND		ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-49B		2.9	2.8/ND	ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND		ND	
MW-49C		ND		ND		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND		ND	

TABLE 10
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

CURRENT AND HISTORIC CONCENTRATIONS OF TCA DETECTED IN GROUNDWATER FROM MONITOR WELLS AND RECOVERY WELL, ug/l

Monitor or Recovery Well	Sample Dates																															
	9/02** *	Mar-03	Sep-03	Mar-04	Jul-04	Sep-04	Jan-05	Mar-05	May-05	Jun-05	Aug-05	Sep-05	Dec-05	Mar-06	Sep-06	Mar-07	Oct-07	Mar-08	Sep-08	Mar-09	Sep-09	Mar-10	Sep-10	Mar-11	Sep-11	Mar-12	Jun-12	Aug-12	Sep 4, 2012	Sep-12	Oct-12	Dec-12
MW-50A		ND	ND	ND		ND						ND		ND									ND		ND					ND		
MW-50B		ND	ND	ND		ND						ND		ND			ND		ND		ND		ND		ND					ND		
MW-50C		ND	ND	ND		ND						ND		ND									ND		ND					ND		
MW-51A																							ND		ND					ND		
MW-52A						ND		ND				ND					ND		ND		ND		ND	ND	ND	ND				ND	ND	ND
MW-53																	15	16	24	20	5.8	18	9.9	2.0	7.3	4.2				3.5		
MW-54																	ND	ND	5.1	2.4	3.4	4.1	4.0	0.77 J	2.7 J	1.2				2.1		
MW-55					ND							ND		ND	ND						ND		ND		ND					ND		
MW-56A					ND			ND				ND		ND	ND		ND		ND		ND		ND		ND					ND		
MW-56B					10	18		1.5				ND		2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		
MW-56C					2.2			1.7				ND		ND	ND	ND	ND	ND	ND	ND	ND		ND		ND					ND		
MW-57A					ND			ND						ND	ND						ND		ND									
MW-57B					ND			ND				ND		ND	ND		ND		ND		ND		ND									
MW-57C						ND		ND						ND	ND		ND		ND		ND		ND							ND		
MW-98-01A			ND	ND		ND	ND									ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND				ND		ND
MW-98-01B			ND																													
MW-98-03		ND	ND																													
MW-98-04		ND	ND			ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		
MW-98-05A		ND	ND	ND		1.8	39											ND	ND	ND	ND	3.4	ND	ND	ND	ND			ND	ND	ND	0.51
MW-98-05A-MS																																
MW-98-05B		ND	ND	ND												6.6	ND	4.4		ND	ND	ND	ND	ND	ND	ND				ND		
MW-98-06A			ND																													
MW-98-06B			ND																													
MW-98-07			ND																													
N-1A				ND										ND								ND		ND		ND				ND		
N-1B					1.1			ND				ND		ND	ND		ND		ND		ND		ND		ND					ND		
N-2A				ND										ND								ND		ND		ND				ND		
N-2B					ND			ND				ND		ND	ND		ND		ND		ND		ND		ND					ND		
N-6																																
N-9			ND	ND																			ND		ND					ND		
N-16			ND	3.6				5.3				7.1		1.1	7	ND	ND	2.8	ND	ND	ND	2.8	4.1	ND	ND	ND				ND		
N-17			ND	ND				ND				ND		ND	ND		ND		ND		ND		ND		ND					ND		
N-32						ND														ND	ND	ND	ND	ND	ND	ND				ND		
N-37								ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		
N-38						ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		
N-39			ND	4.6		ND		ND				ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND		

*
**DBS – Sample collected using diffusive bag sample method
*** Collected after 4 hours of pumping during execution of Initial Testing Plan

TABLE 11

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

Summary of Vapor-Phase Carbon Unit Operating Data

Date	Operating Time ^{1/} (hours)	Average Air Flow Rate (scfm)	Post-Carbon VOC Vapor Conc. (mg/m³)	VOC Emissions (lb/hr)	VOC Emissions ^{1/} (lb)
1/17/2012	284	2,685	0.253	0.00255	0.723
2/21/2012	495	2,732	0.055	0.00057	0.281
3/13/2012	609	2,703	0.035	0.00035	0.213
4/23/2012	715	2,619	0.069	0.00067	0.481
5/22/2012	701	2,710	0.025	0.00026	0.179
6/20/2012	445	2,645	0.042	0.00042	0.187
7/25/2012	530	2,710	0.150	0.00152	0.806
8/27/2012	592	2,952	0.022	0.00024	0.142
9/27/2012	566	2,720	0.028	0.00029	0.163
10/31/2012	686	2,790	0.048	0.00051	0.346
11/27/2012	474	2,710	0.052	0.00053	0.251
12/12/2012	514	2,574	0.090	0.00087	0.448
Avg.	551	2,713	0.072	0.00073	0.352
Total	--	--	--	--	4.22

^{1/} For the month during which air sample was collected.

Note: All total VOC emissions for this reporting period were below the 0.022 lb/hr site-specific vapor emissions limit.

TABLE 12

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

Carbon Unit System Air Quality Results

Precarbon			Parameters (mg/m3)															TOTAL
Sample Name	Date	Time	PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	m&p-Xylenes	o-Xylene	CF	MC	EB	Freon 113	VOCs	
AQ11712:1300NP4-1	1/17/2012	13:00	ND	ND	ND	ND	ND	ND	ND	0.0073	0.0140	0.0070	ND	NA	0.0035	ND	0.22	
AQ22112:1100NP4-1	2/21/2012	11:00	0.0490	0.0040	0.0200	ND	0.0089	0.0030	ND	ND	ND	ND	0.0042	0.0024 ^B	ND	ND	0.11	
AQ31312:12:10NP4-1	3/13/2012	12:10	0.0450	0.0033	0.0012	ND	0.0050	0.0025	ND	ND	ND	ND	0.0031	0.0210	ND	ND	0.12	
AQ42312:1100NP4-1	4/23/2012	11:00	0.0085	0.0022	0.0056	ND	0.0029	ND	ND	0.0110	0.0065	0.0022	0.0032	0.0033	0.0022	0.0029	0.10	
AQ52212:1520NP4-1	5/22/2012	15:20	0.0081	ND	0.0100	ND	0.0049	ND	ND	ND	0.0010	ND	0.0031	0.0022	ND	ND	0.08	
AQ62012:1240NP4-1	6/20/2012	12:40	0.0180	0.0015	0.0090	ND	0.0053	0.0010	ND	ND	ND	ND	0.0015	0.0012	ND	ND	0.07	
AQ072512:1300NP4-1	7/25/2012	13:00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0019 ^B	ND	ND	0.02	
AQ82712:1600NP4-1	8/27/2012	16:00	0.0085	0.0016	0.0071	0.0009	0.0051	ND	ND	0.0083	ND	ND	0.0028	0.0016 ^B	ND	ND	0.04	
AQ092712:1210NP4-1	9/27/2012	12:10	ND	ND	ND	ND	ND	ND	ND	0.0030	ND	ND	ND	0.0026 ^B	ND	ND	0.05	
AQ103112:1640NP4-1	10/31/2012	16:40	0.0140	0.0140	0.0096	ND	0.0039	ND	ND	0.0007	0.0007	ND	0.0043	0.0011 ^B	ND	ND	0.08	
AQ112712:1300NP4-1	11/27/2012	13:00	0.0190	0.0020	0.0054	ND	ND	0.0010	ND	0.0013	0.0018	0.0009	0.0019	0.0015	0.0009	ND	0.06	
AQ121212:1120NP4-1	12/12/2012	11:20	0.0240	0.0033	0.0110	ND	0.0047	0.0020	ND	0.0017	0.0610	0.0240	0.0033	0.0015	0.0012	ND	0.16	

Midcarbon			Parameters (mg/m3)															TOTAL
Sample Name	Date	Time	PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	m&p-Xylenes	o-Xylene	CF	MC	EB	Freon 113	VOCs	
AQ11712:1305NP4-2	1/17/2012	13:05	0.0025	ND	ND	ND	ND	ND	ND	0.0080	0.0150	0.0075	ND	NA	0.0038	ND	0.27	
AQ22112:1105NP4-2	2/21/2012	11:05	0.0590	ND	0.0240	ND	0.0110	ND	ND	0.0150	0.0038	0.0012	0.0051	0.0042 ^B	0.0025	ND	0.14	
AQ31312:1215NP4-2	3/13/2012	12:15	0.0540	ND	0.0120	ND	0.0060	ND	ND	ND	ND	ND	0.0026	0.0053	ND	ND	0.12	
AQ42312:1105NP4-2	4/23/2012	11:05	0.1100	0.0017	0.0170	ND	0.0076	ND	ND	0.0140	0.0051	0.0015	0.0041	0.0038	0.0023	ND	0.24	
AQ52212:1525NP4-2	5/22/2012	15:25	0.0160	ND	0.0120	ND	0.0050	0.0010	ND	ND	ND	ND	0.0027	0.0028	ND	0.0043	0.12	
AQ62012:1245NP4-2	6/20/2012	12:45	0.0530	0.0027	0.0140	ND	0.0061	0.0014	ND	ND	ND	ND	0.0033	0.0013	ND	ND	0.11	
AQ072512:1310NP4-2	7/25/2012	13:10	0.0380	0.0017	0.0150	ND	0.0072	0.0016	ND	ND	ND	ND	0.0034	0.0015	ND	ND	0.08	
AQ82712:1605NP4-2	8/27/2012	16:05	0.0090	ND	0.0110	ND	0.0049	0.0014	ND	ND	ND	ND	0.0024	0.0014 ^B	ND	ND	0.04	
AQ092712:1215NP4-2	9/27/2012	12:15	0.0770	0.0040	0.0110	ND	0.0036	0.0014	ND	0.0018	ND	ND	0.0022	0.0011 ^B	ND	ND	0.12	
AQ103112:1645NP4-2	10/31/2012	16:45	0.0720	0.0043	0.0170	ND	0.0044	0.0018	ND	0.0009	0.0012	ND	0.0033	0.0014 ^B	ND	0.0016	0.13	
AQ112712:1305NP4-2	11/27/2012	13:05	0.0420	0.0019	0.0130	ND	0.0037	0.0016	ND	0.0028	0.0050	0.0021	0.0028	0.0020	0.0016	ND	0.11	
AQ121212:1125NP4-2	12/12/2012	11:25	0.0350	ND	0.0110	ND	0.0030	0.0010	ND	0.0010	0.0087	0.0024	0.0022	0.0011	ND	ND	0.11	

Postcarbon			Parameters (mg/m3)															TOTAL
Sample Name	Date	Time	PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	m&p-Xylenes	o-Xylene	CF	MC	EB	Freon 113	VOCs	
AQ11712:1310NP4-3	1/17/2012	13:10	0.0025	ND	ND	ND	ND	ND	ND	0.0077	0.0150	0.0073	ND	NA	0.0038	ND	0.25	
AQ22112:1110NP4-3	2/21/2012	11:05	ND	ND	0.0046	ND	0.0120	ND	ND	0.0069	0.0031	0.0011	0.0029	0.0030 ^B	0.0016	ND	0.06	
AQ31312:1220NP4-3	3/13/2012	12:20	ND	ND	0.0020	ND	0.0057	ND	ND	ND	ND	ND	0.0014	0.0048	ND	ND	0.03	
AQ42312:1110NP4-3	4/23/2012	11:10	ND	ND	0.0040	ND	0.0067	ND	ND	0.0090	0.0050	0.0015	0.0022	0.0032	0.0017	0.0029	0.07	
AQ52212:1530NP4-3	5/22/2012	15:30	ND	ND	0.0055	ND	0.0063	ND	ND	ND	ND	ND	0.0023	0.0015	ND	ND	0.03	
AQ62012:1250NP4-3	6/20/2012	12:50	ND	ND	0.0064	ND	0.0076	ND	ND	ND	ND	ND	0.0026	0.0027	ND	ND	0.04	
AQ072512:1320NP4-3	7/25/2012	13:20	ND	ND	0.0090	0.0009	0.0086	ND	ND	ND	ND	ND	0.0036	0.053 ^B	ND	0.0048	0.10	
AQ82712:1610NP4-3	8/27/2012	16:10	ND	ND	0.0057	ND	0.0057	ND	ND	0.0012	ND	ND	0.0023	0.0013 ^B	ND	ND	0.02	
AQ092712:1220NP4-3	9/27/2012	12:20	ND	ND	0.0083	ND	0.0055	ND	ND	ND	ND	ND	0.0028	0.0011 ^B	ND	ND	0.03	
AQ103112:1650NP4-3	10/31/2012	16:50	ND	ND	0.0130	0.0008	0.0053	0.0010	ND	ND	0.0008	ND	0.0033	0.0015 ^B	ND	0.0013	0.05	
AQ112712:1310NP4-3	11/27/2012	13:10	ND	ND	0.0150	ND	0.0043	0.0013	ND	0.0009	0.0018	ND	0.0031	0.0019	ND	ND	0.05	
AQ121212:1130NP4-3	12/12/2012	11:30	ND	ND	0.0120	ND	0.0031	ND	ND	ND	0.0050	0.0015	0.0022	0.0009	ND	ND	0.09	

PCE: Tetrachloroethane

TCE: Trichloroethene

TCA: 1,1,1-Trichloroethane

DCE: 1,1-Dichloroethene

DCA: 1,1-Dichloroethane

cis-DCE: cis-1,2-Dichloroethene

trans-DCE: trans-1,2-Dichloroethylene

CF: Chloroform

MC: Methylene Chloride

EB: Ethylbenzene

Note: NA - Not Applicable. Method blank contamination. The associated method blank contains the target analyte at a reportable level.

NS - Not Sampled

ND - Not Detected

B - Method blank contamination, the associated method blank contains the target analyte at a reportable level.

The air quality results summarized above are for the compounds listed in the FSP&T groundwater discharge permit. Low concentrations of additional compounds are accounted for in the Total VOCs column, however, are not listed.

TABLE 13

2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Summary of Groundwater Elevation Measurements for Monitor and Recovery Wells in 2012, in Feet Relative to Mean Sea Level

Well	January-12	February-12	March-12 Static	March-12 Pumping	April-12	May-12	June-12	July-12	August-12	September-12 Pumping	September-12 Static Conditions	October-12	November-12	December-12
MW-28A	-	-	7.70	7.31	-	-	-	-	-	-	-	6.2	-	6.46
MW-28B	-	-	7.74	7.36	-	-	-	-	-	-	-	6.25	-	6.49
MW-42B	-	-	7.49	7.21	-	-	-	-	-	6.44	6.64	-	-	-
MW-43A	-	-	-	4.09	-	-	-	-	-	Dry	-	-	-	-
MW-43B	-	-	-	4.07	-	-	-	-	-	3.69	-	-	-	-
MW-43C	-	-	-	4.15	-	-	-	-	-	3.78	-	-	-	-
MW-44A	-	-	7.35	6.67	-	-	-	-	-	5.64	6.20	-	-	-
MW-44B	-	-	7.30	6.66	-	-	-	-	-	5.71	6.16	-	-	-
MW-44C	-	-	7.34	6.88	-	-	-	-	-	5.86	6.24	-	-	-
MW-45A	-	-	-	-	-	-	-	-	-	6.69	-	6.55	-	6.81
MW-45B	-	-	6.51	7.79	-	-	-	-	-	6.68	6.89	6.61	-	-
MW-46A	-	-	7.66	7.27	-	-	-	-	-	6.3	6.55	-	-	-
MW-46B	-	-	7.65	7.36	-	-	-	-	-	6.36	6.60	-	-	-
MW-47A	-	-	7.63	7.36	-	-	-	-	-	DRY	DRY	-	-	-
MW-47B	-	-	7.58	7.26	-	-	-	-	-	6.21	6.42	-	-	-
MW-48A	-	-	8.64	8.3	-	-	-	-	-	DRY	8.57	-	-	-
MW-48B	-	-	8.59	8.37	-	-	-	-	-	7.04	8.56	-	-	-
MW-49A	-	-	3.33	2.78	-	-	-	-	-	3.07	2.93	-	-	-
MW-49B	-	-	3.31	2.69	-	-	-	-	-	3.04	2.87	-	-	-
MW-49C	-	-	3.30	2.7	-	-	-	-	-	2.88	2.24	-	-	-
MW-50A	-	-	2.27	1.45	-	-	-	-	-	1.93	1.96	-	-	-
MW-50B	-	-	2.28	1.56	-	-	-	-	-	1.97	1.94	-	-	-
MW-50C	-	-	2.13	1.59	-	-	-	-	-	1.95	1.97	-	-	-
MW-52A	-	-	8.62	8.32	-	-	-	-	-	6.94	-	6.07	-	7.32
MW-53	-	-	4.70	4.33	-	-	-	-	-	3.99	4.14	-	-	-
MW-54	-	-	4.89	4.49	-	-	-	-	-	4.13	4.04	-	-	-
MW-55	-	-	3.70	3.27	-	-	-	-	-	3.16	3.34	-	-	-
MW-56A	-	-	3.51	2.98	-	-	-	-	-	3	3.17	-	-	-
MW-56B	-	-	3.60	3.05	-	-	-	-	-	3.08	3.18	-	-	-
MW-56C	-	-	3.70	3.14	-	-	-	-	-	3.19	3.21	-	-	-
MW-57C	-	-	3.67	3.29	-	-	-	-	-	-	-	-	-	-
MW-98-01A	-	-	-	7.8	-	-	-	-	-	6.80	7.00	-	-	6.89
MW-98-04	-	-	6.60	7.61	-	-	-	-	-	6.47	6.70	-	-	-
MW-98-05A	-	-	-	7.62	-	-	-	-	-	-	7.00	6.42	-	6.87
MW-98-05B	-	-	-	7.63	-	-	-	-	-	6.90	7.11	-	-	-

TABLE 13

2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Summary of Groundwater Elevation Measurements for Monitor and Recovery Wells in 2012, in Feet Relative to Mean Sea Level

Well	January-12	February-12	March-12 Static	March-12 Pumping	April-12	May-12	June-12	July-12	August-12	September-12 Pumping	September-12 Static Conditions	October-12	November-12	December-12
RW-1 ^{1/}	-	-	7.35	6.97	-	-	-	-	-	5.98	6.73	-	-	-
RW-2	3.54	3.22	7.21	2.97	3.17	-	3.26	5.51	2.54	2.03	-1.87	1.88	1.75	2.07
RW-3	6.06	5.93	7.30	5.63	5.51	5.75	7.22	7.00	6.30	6.03	6.32	6.00	5.77	13.04
RW-4	1.83	1.60	5.55	1.60	2.21	2.97	1.85	2.06	2.77	2.26	4.74	2.09	2.16	2.4
RW-5	3.15	3.05	5.29	2.79	2.89	3.15	5.19	5.16	4.67	4.52	4.64	4.76	4.46	25.33
RW-6	-22.41	-22.83	4.35	-23.90	-25.68	-21.94	-22.02	-21.21	-18.68	-21.65	3.80	-22.25	-23.5	-23.1
RW-7	3.54	3.31	3.99	3.17	3.37	3.44	3.45	3.39	3.02	2.92	3.58	3.60	3.16	3.21
RW-8	3.09	2.83	3.46	2.54	2.82	-	3.56	3.54	3.32	3.24	3.33	3.91	3.09	11.25
RW-9	2.66	2.09	-	2.29	2.38	3.06	3.12	3.08	2.89	2.88	2.86	3.56	2.72	7.6
MW-B1	-	-	5.74	8.06	-	-	-	-	-	7.69	4.88	-	-	-
MW-B2	-	-	6.51	8.78	-	-	-	-	-	4.28	5.60	-	-	-
MW-B3	-	-	6.22	7.30	-	-	-	-	-	5.81	5.38	-	-	-
MW-B4	-	-	6.22	6.63	-	-	-	-	-	5.46	5.37	-	-	-
N-1A	-	-	5.28	4.68	-	-	-	-	-	4.83	4.91	-	-	-
N-1B	-	-	3.21	2.54	-	-	-	-	-	2.8	-	-	-	-
N-2A	-	-	-	-	-	-	-	-	-	3.52	3.22	-	-	-
N-2B	-	-	1.07	2.60	-	-	-	-	-	2.73	2.67	-	-	-
N-9	-	-	4.89	4.62	-	-	-	-	-	4.16	4.27	-	-	-
N-16	-	-	5.39	4.80	-	-	-	-	-	4.3	4.57	-	-	-
N-17	-	-	5.40	5.05	-	-	-	-	-	4.46	4.64	-	-	-
N-32	-	-	7.26	2.68	-	-	-	-	-	5.68	-	-	-	-
N-37	-	-	7.11	6.79	-	-	-	-	-	5.83	6.57	-	-	-
N-38	-	-	7.05	6.65	-	-	-	-	-	5.75	5.99	-	-	-
N-39	-	-	7.04	6.74	-	-	-	-	-	5.72	-	-	-	-

- Notes:
- 1. Unless otherwise stated groundwater elevations were measured during pumping conditions.
 - 2. NM - Not Measured
 - 3. *Italicized* elevations during pumping conditions are elevations in non pumping recovery wells.

TABLE 14

2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FSP&T Influent PCE Concentrations and Cumulative VOCs Recovered

Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)			
11/26/02	110	6	9/10/03	52	75.8	5/3/04	47	123.0	12/21/04	23	151.5	8/9/05	13	169.6	5/11/06	12	183.8	1/10/2007	5.2	198.4	8/29/2007	3.6	205.4	4/29/2008	2.5	210.2
12/19/02	58	9.6	9/18/03	51	77.5	5/10/04	47	124.7	12/27/04	34	151.6	8/17/05	17	170	5/17/06	23	183.9	1/18/2007	6.7	198.4	9/6/2007	1.8	205.6	5/6/2008	3.1	210.4
1/2/03	64	11.6	9/23/03	52	78.6	5/18/04	46	126.1	1/4/05	26	152.2	8/24/05	8.3	170.3	5/24/06	28	184.0	1/23/2007	4.7	198.9	9/12/2007	5.3	205.7	5/15/2008	2.4	210.5
1/8/03	58	13.5	10/1/03	66	80.5	5/27/04	43	127.4	1/13/05	27	153.4	8/31/05	12	170.6	5/30/06	18	184.3	2/1/2007	9.3	199.5	9/18/2007	6.8	205.7	5/20/2008	4.1	210.6
1/9/03	63	13.9	10/8/03	54	81.1	6/2/04	37	128.6	1/20/05	27	153.7	9/8/05	8.8	170.8	6/7/06	16	184.7	2/8/2007	14	199.7	9/26/2007	5.5	205.8	5/27/2008	3.1	210.7
1/15/03	57	16.0	10/17/03	48	82.2	6/8/04	30	131.0	1/26/05	17	154.1	9/15/05	20	171.5	6/14/06	22	185.0	2/15/2007	10	200.1	10/3/2007	7.6	206.0	6/5/2008	2.5	210.8
1/23/03	53	18.4	10/22/03	45	83.4	6/14/04	23	131.7	2/2/05	21	155.5	10/6/05	12	172.2	6/21/06	20	185.8	2/22/2007	12	200.1	10/8/2007	5.2	206.1	6/10/2008	2.7	210.8
2/1/03	71	22.0	10/30/03	54	85.3	6/25/04	38	133.6	2/8/05	23	156.2	10/12/05	12	172.4	6/28/06	0	185.8	2/28/2007	10	200.4	10/19/2007	3.3	206.3	6/17/2008	4.8	210.9
2/6/03	74	23.9	11/7/03	69	87.9	6/30/04	55	134.2	2/16/05	22	157.2	11/16/05	22	173.1	7/7/06	28	186.0	3/7/2007	7.8	200.7	11/7/2007	6.7	206.5	6/25/2008	3	211.0
2/20/03	83	26.7	11/11/03	74	89.4	7/7/04	24	134.7	2/24/05	23	158.2	11/21/05	10	173.4	7/13/06	20	186.4	3/14/2007	9.6	200.8	11/15/2007	5.8	206.6	7/1/2008	1.5	211.1
3/6/03	80	29.7	11/18/03	37	89.9	7/14/04	40	136.0	3/2/05	28	159.2	11/28/05	14	173.8	7/20/06	5.4	186.9	3/22/2007	8	201.2	11/19/2007	3.7	206.6	7/8/2008	4.8	211.1
3/12/03	80	32.1	11/25/03	63	91.6	7/21/04	43	136.7	3/10/05	31	160.1	12/8/05	29	174	7/31/06	12	187.0	3/28/2007	7.2	201.6	11/28/2007	6.7	206.9	7/18/2008	5.2	211.3
3/21/03	59	34.9	12/10/03	54	93.1	7/28/04	47	137.0	3/17/05	32	161.1	12/12/05	30	174.2	8/8/06	13	187.6	4/3/2007	9.8	201.6	12/5/2007	3.8	207.1	7/24/2008	3.8	211.4
3/28/03	45	36.5	12/17/03	76	94.0	8/4/04	41	138.2	3/24/05	22	161.8	12/21/05	21	175.4	8/16/06	18	187.9	4/10/2007	5.9	202.0	12/12/2007	5.1	207.4	7/30/2008	3.1	211.4
4/3/03	55	38.2	12/23/03	59	95.8	8/12/04	84	140.3	3/30/05	29	162.4	12/27/05	17	175.8	8/24/06	13	188.0	4/18/2007	7.9	202.2	12/20/2007	3.6	207.5	8/5/2008	2.1	211.5
4/23/03	59	44.4	12/30/03	79	98.0	8/17/04	37	141.2	4/7/05	14	162.7	1/4/06	20	176.9	8/28/06	9.5	188.7	4/26/2007	8.4	202.4	12/27/2007	3.8	207.7	8/12/2008	2.5	211.5
5/3/03	69	47.4	1/9/04	69	99.1	8/23/04	44	142.1	4/13/05	32	163	1/12/06	10	177.4	9/5/06	0	188.7	5/1/2007	0	202.4	1/3/2008	5.7	207.7	8/19/2008	2.4	211.7
5/6/03	59	48.4	1/14/04	61	100.8	9/2/04	33	143.0	4/19/05	14	163.4	1/19/06	18	177.7	9/12/06	13	189.2	5/10/2007	5.8	202.8	1/9/2008	5.6	207.9	8/26/2008	1.5	211.8
5/13/03	110	52.1	1/23/04	65	102.5	9/8/04	34	143.2	4/27/05	27	163.7	1/25/06	11	178.2	9/19/06	9.4	190.5	5/15/2007	5.9	203.1	1/16/2008	4.1	208.1	9/4/2008	4	211.8
5/30/03	71	55.0	1/29/04	35	103.4	9/14/04	53	144.1	5/2/05	20	164.4	2/1/06	23	178.8	9/27/06	9.5	190.7	5/23/2007	5.3	203.3	1/24/2008	5.6	208.4	9/9/2008	2.2	211.9
6/5/03	29	56.0	2/5/04	54	106.4	9/22/04	28	144.6	5/10/05	32	165.1	2/8/06	16	179.6	10/4/06	11	191.9	5/30/2007	6.1	203.5	1/30/2008	6.7	208.6	9/16/2008	2.8	212.1
6/11/03	50	56.9	2/11/04	61	108.7	10/1/04	35	145.4	5/16/05	14	165.8	2/14/06	16	180.2	10/10/06	6	192.7	6/7/2007	6.3	203.7	2/5/2008	5.7	208.8	9/22/2008	3.8	212.1
6/19/03	50	58.6	2/19/04	30	109.3	10/7/04	27	145.9	5/26/05	14	166.1	2/22/06	16	180.3	10/18/06	12	193.1	6/13/2007	6.4	203.8	2/13/2008	3.9	208.9	9/29/2008	2.7	212.2
6/23/03	54	59.4	2/25/04	50	111.0	10/13/04	27	146.4	6/2/05	7.7	166.1	2/28/06	17	180.6	10/26/06	7.5	193.8	6/20/2007	5.6	204.0	2/20/2008	4.6	209.0	10/8/2008	5.8	212.4
6/30/03	56	60.7	3/3/04	45	112.8	10/21/04	27	147.1	6/10/05	9.2	166.1	3/7/06	13	181.3	11/1/06	9	194.9	6/25/2007	4.5	204.1	2/27/2008	3.3	209.2	10/16/2008	3.4	212.6
7/11/03	56	62.4	3/8/04	46	113.7	10/27/04	28	147.2	6/15/05	19	166.2	3/14/06	14	181.7	11/8/06	8.8	195.1	7/5/2007	6.4	204.1	3/4/2008	3.4	209.3	10/23/2008	4.8	212.8
7/14/03	31	62.9	3/18/04	23	115.0	11/3/04	22	147.7	6/24/05	12	166.7	3/22/06	16	182.2	11/15/06	7.8	195.9	7/13/2007	6.6	204.2	3/11/2008	5.3	209.4	10/30/2008	5.5	212.9
7/23/03	55	65.2	3/22/04	32	115.2	11/9/04	35	148.4	6/30/05	20	167.1	3/29/06	12	182.3	11/29/06	0	195.9	7/18/2007	4.2	204.4	3/21/2008	3.6	209.7	11/6/2008	2.4	213.0
7/30/03	75	68.0	3/30/04	28	116.7	11/16/04	27	148.7	7/7/05	27	167.8	4/6/06	13	182.5	12/7/06	14	196.2	7/25/2007	4.7	204.6	3/27/2008	3.2	209.8	11/11/2008	3	213.0
8/7/03	49	69.1	4/9/04	4.7	116.9	11/23/04	26	149.1	7/14/05	12	168.2	4/12/06	18	182.7	12/13/06	12	197.0	7/31/2007	3.6	204.7	4/1/2008	2.7	209.9	11/19/2008	7.9	213.2
8/20/03	58	70.8	4/14/04	38	117.9	12/2/04	21	149.8	7/19/05	14	168.8	4/19/06	17	182.8	12/20/06	6.1	197.6	8/8/2007	3.6	204.8	4/8/2008	2.8	210.0	11/25/2008	2.8	213.3
8/26/03	53	72.7	4/21/04	55	119.8	12/7/04	24	150.2	7/29/05	10	169.2	4/25/06	17	183.3	12/27/06	2.9	197.7	8/16/2007	4.3	205.1	4/17/2008	3.5	210.2	12/2/2008	2.6	213.4
9/2/03	51	73.9	4/28/04	51	121.6	12/14/04	48	150.9	8/2/05	10	169.5	5/3/06	14	183.6	1/3/2007	0	197.9	8/23/2007	4.1	205.2	4/22/2008	3	210.2	12/9/2008	2.8	213.5

Note: The influent sample is the combined water from recovery wells operating at time of sample collection.

TABLE 14

2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FSP&T Influent PCE Concentrations and Cumulative VOCs Recovered

Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)	Date	Influent PCE Conc. (ug/l)	Cumulative Total VOC's Recovered (lbs)
12/17/2008	22	213.8	9/16/2009	3.3	217.3	5/11/2010	5.2	220.1	1/25/2011	0.3	221.1	9/28/2011	1.0	221.8	5/17/2012	0.66	223.9
12/23/2008	0	213.8	9/22/2009	2.7	217.4	5/17/2010	2.0	220.1	2/1/2011	0.3	221.1	10/6/2011	0.0	221.8	5/23/2012	1.2	224.0
12/30/2008	5	214.0	9/29/2009	3.6	217.4	5/25/2010	0.0	220.1	2/8/2011	0.6	221.1	10/11/2011	0.0	221.8	5/30/2012	1.2	224.0
1/6/2009	4.0	214.3	10/6/2009	3.1	217.5	6/2/2010	0.0	220.1	6/17/2011	2.1	221.2	10/18/2011	0.8	221.8	6/7/2012	3.2	224.1
1/13/2009	4.5	214.3	10/13/2009	3.1	217.6	6/14/2010	2.8	220.1	2/23/2011	2.5	221.2	10/25/2011	1.1	221.9	6/14/2012	2.5	224.1
1/20/2009	5.7	214.5	10/20/2009	3.0	217.7	6/22/2010	1.4	220.3	3/2/2011	0.9	221.3	11/1/2011	1.7	222.0	6/20/2012	4.7	224.2
1/27/2009	7.8	214.7	10/27/2009	5.1	217.8	6/29/2010	2.3	220.4	3/10/2011	1.6	221.3	11/8/2011	0.7	222.0	6/26/2012	5.8	224.2
2/3/2009	5.6	214.8	11/3/2009	3.7	218.0	7/7/2010	2.4	220.5	3/15/2011	1.6	221.3	11/15/2011	1.4	222.1	7/2/2012	2.9	224.3
3/9/2009	6.1	215.0	11/10/2009	2.8	218.0	7/13/2010	2.5	220.7	3/22/2011	2.2	221.3	11/24/2011	1.3	222.2	7/10/2012	3.2	224.3
3/17/2009	7.7	215.2	11/17/2009	4.8	218.1	7/20/2010	0.0	220.8	3/29/2011	0.0	221.3	11/28/2011	1.8	222.3	7/16/2012	1.4	224.4
3/31/2009	9.5	215.2	11/24/2009	2.9	218.2	7/29/2010	3.4	220.8	4/5/2011	2.3	221.4	12/6/2011	1.5	222.4	7/25/2012	1.4	224.4
4/6/2009	4.0	215.3	12/3/2009	4.6	218.2	8/3/2010	0.0	220.8	4/12/2011	1.3	221.4	12/13/2011	2.6	222.5	7/31/2012	0.72	224.5
4/14/2009	1.9	215.4	12/8/2009	1.6	218.2	8/10/2010	0.0	220.8	4/19/2011	0.0	221.4	12/20/2011	0.8	222.6	8/8/2012	0.93	224.8
4/21/2009	4.2	215.5	12/15/2009	7.3	218.5	8/31/2010	0.0	220.8	4/26/2011	1.2	221.5	12/27/2011	1.2	222.7	8/15/2012	0.66	224.8
4/28/2009	2.5	215.6	12/22/2009	4.6	218.6	9/7/2010	0.0	220.8	5/3/2011	0.0	221.5	1/3/2012	1.6	222.8	8/21/2012	1.1	224.8
5/5/2009	3.3	215.7	1/7/2010	3.1	218.6	9/16/2010	0.0	220.8	5/11/2011	1.1	221.5	1/10/2012	1.4	222.8	8/27/2012	0.95	224.8
5/12/2009	6.1	215.9	1/13/2010	3.0	218.7	9/22/2010	0.0	220.8	5/17/2011	0.7	221.5	1/17/2012	1.3	222.8	9/4/2012	0.94	224.8
5/19/2009	10.8	216.0	1/19/2010	3.5	218.8	9/27/2010	0.0	220.8	5/23/2011	1.6	221.6	1/24/2012	0.8	222.9	9/11/2012	0.72	224.9
6/5/2009	7.2	216.1	1/27/2010	3.8	219.0	10/4/2010	2.5	220.8	6/6/2011	1.1	221.6	2/2/2012	1.5	222.9	9/18/2012	0.98	224.9
6/10/2009	2.6	216.2	2/3/2010	0.0	219.0	10/13/2010	0.0	220.8	6/14/2011	0.6	221.6	2/10/2012	0.8	223.0	9/27/2013	0.88	224.9
6/16/2009	2.7	216.3	2/9/2010	2.2	219.0	10/20/2010	0.4	220.8	6/21/2011	0.8	221.6	2/14/2012	0.8	223.0	10/1/2012	0.86	225.0
6/23/2009	3.0	216.3	2/17/2010	1.9	219.1	10/28/2010	2.3	220.9	6/27/2011	0.5	221.6	2/21/2012	2.3	223.2	10/8/2012	0.91	225.0
6/30/2009	2.6	216.4	2/23/2010	5.2	219.2	11/4/2010	1.4	220.9	7/6/2011	0.6	221.6	3/2/2012	1.1	223.2	10/16/2012	0.77	225.0
7/7/2009	5.2	216.4	3/2/2010	5.1	219.4	11/11/2010	0.0	220.9	7/12/2011	0.5	221.6	3/6/2012	0.8	223.2	10/22/2012	0.71	225.1
7/14/2009	5.4	216.5	3/9/2010	2.2	219.5	11/16/2010	2.5	221.0	7/19/2011	0.8	221.7	3/13/2012	2.4	223.4	10/31/2012	0.67	225.1
7/21/2009	3.2	216.6	3/17/2010	2.3	219.6	11/22/2010	2.0	221.0	7/25/2011	0.6	221.7	3/19/2012	1.7	223.4	11/5/2012	0.7	225.1
7/28/2009	6.1	216.8	3/23/2010	6.0	219.8	12/1/2010	1.7	221.0	8/1/2011	0.5	221.7	3/27/2012	1.3	223.5	11/12/2012	0.69	225.1
8/4/2009	1.8	216.8	3/30/2010	2.1	219.8	12/7/2010	0.0	221.0	8/18/2011	0.0	221.7	4/3/2012	1.7	223.6	11/19/2012	0.79	225.1
8/12/2009	3.6	216.9	4/8/2010	0.5	219.8	12/14/2010	0.4	221.0	8/23/2011	0.0	221.7	4/10/2012	1.3	223.7	11/27/2012	1.3	225.2
8/19/2009	3.2	217.0	4/13/2010	0.8	219.9	12/21/2010	0.0	221.1	8/30/2011	0.0	221.7	4/19/2012	0.6	223.8	12/3/2012	0.98	225.2
8/25/2009	5.0	217.1	4/20/2010	3.3	219.9	12/29/2010	0.5	221.1	9/7/2011	0.0	221.7	4/23/2012	0.5	223.8	12/12/2012	1	225.2
9/1/2009	2.9	217.2	4/27/2010	0.9	219.9	1/4/2011	1.4	221.1	9/16/2011	1.9	221.7	5/2/2012	0.8	223.9	12/18/2012	0.9	225.2
9/8/2009	2.6	217.3	5/4/2010	3.7	220.0	1/20/2011	0.4	221.1	9/22/2011	0.0	221.8	5/11/2012	0.7	223.9	12/28/2012	0.85	225.2

TABLE 15

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

Recovery Well FRW-1 VOC Concentrations, micrograms per liter

FRW-1																			
Date	PCE	TCE	cis12DCE	T12DCE	VC	TCA	11DCA	135TMB	124TCB	124TMB	EB	Benzene	o-Xylenes	m-&p-Xylenes	Toluene	Napthalene	MC	Bromomet hane	Acetone
ARARs	5	5	5	5	1 ^{1/}	5	5	5 ^{1/}	5 ^{1/}	5	1 ^{1/}	5	5	5	5	NE	5	5 ^{1/}	NE
The FRWs were restarted on January 20, 2011																			
20-Jan-11 (10:00 AM)	5.5	2.9	60	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan-11 (1:30 PM)	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
25-Jan-11	6.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-11	46	ND<1	ND<1	ND<1	ND<1	0.55 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-11	68	ND<1	ND<1	ND<1	ND<1	0.58 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
26-Apr-11	22	ND<1	1.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	13	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	46	7.2	9.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	18	0.6	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	22	1.2	5.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	37	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<1	ND<1	ND<1	ND<5	ND<5	ND<10	4.4 J,B	ND<5	4.0 J,B
11-Oct-11	16	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<1	ND<1	ND<5	ND<5	ND<5	ND<10	5.0 J,B	ND<5	--
8-Nov-11	38	0.41 J	0.18 J	ND<0.5	ND<0.5	0.26 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.87 J,B	ND<0.5	ND<2
20-Dec-11	74	2.4	12	ND<0.5	0.34 J	1.4	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	0.36 J,B	ND<0.5	ND<2
24-Jan-12	52	1.5 J	6.6	ND<0.5	ND<5	ND<5	ND<0.5	ND<5	ND<20	2.2 J	2.3 J	2.2 J	4.7 J	8.8 J	12	2.3 J,B	14 J,B	ND<0.5	ND<20
14-Feb-12	66	2.0 J	8.0	ND<0.5	ND<6	ND<5	ND<0.5	1.4 J	1.0 J	4.3 J	3.1 J	1.2 J	3.0 J	9.0 J	2.3 J	3.8 J,B	18 J,B	ND<0.5	32.0
19-Mar-12	37	1.0	3.0	ND<0.5	ND<0.5	0.24 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J	1.5 J,B	ND<0.5	ND<2
10-Apr-12	63	1.0	1.8	ND<0.5	ND<0.5	0.98	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J,B	0.63 J,B	ND<0.5	ND<2
The FRWs were shut down on April 19, 2012																			
17-May-12	290	14	170	0.25 J	0.54	7.1	1.2	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.19 J,B	2.6 B	ND<0.5	2.7 B
The FRWs were restarted on June 7, 2012																			
20-Jun-12	52	3.7	10	ND<0.5	ND<0.5	1.0	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.2 J,B	5.6 B	ND<0.5	ND<2
10-Jul-12	21	2.2	31	ND<0.5	ND<0.5	0.17 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<2
The FRWs were shut down on July 30, 2012																			
21-Aug-12	48	15	150	0.29 J	1.7	3.1	1.0	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.15 J	1.2 J,B	ND<2	ND<0.5	ND<2
4-Sep-12	130	38	130	0.35 J	ND<0.5	4.8	1.3	ND<0.5	ND<2	ND<0.5	0.23 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.32 J	2.4 B
19-Sep-12	130	39	170	0.32 J	0.8	5.8	1.4	ND<0.5	ND<2	ND<0.5	0.20 J	ND<0.5	ND<0.5	ND<0.5	0.10 J	ND<0.5	ND<2	ND<0.5	ND<2
31-Oct-12	23	10	190	ND<5	8.0	3.5	1.9	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	1.7	2.0	ND<20	ND<5	ND<20
18-Dec-12	110	11	60	0.16 J	11	3.9	2.2	ND<0.5	ND<2	ND<0.5	0.23 J	0.18 J	0.12 J	0.24 J	0.31 J	ND<0.5	ND<2	ND<0.5	3.5 B

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.

1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.

B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.

ND: Not detected

PCE: Tetrachloroethylene
11DCA: 1,1-Dichloroethane
124TCB: 1,2,4-Trichlorobenzene
MC: Methylene chloride

TCE: Trichloroethene
T12DCE: 1,1-Dichloroethylene
124TMB: 1,2,4-Trimethylbenzene
112TCA: 1,1,2-Trichloroethane

cis12DCE: cis-1,2-Dichloroethene
T12DCE: trans-1,2-Dichloroethylene
EB: Ethyl Benzene

TCA: 1,1,1-Trichloroethane
135TMB: 1,3,5-Trimethylbenzene
VC: Vinyl chloride

Comments:

As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

TABLE 16

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

Recovery Well FRW-2 VOC Concentrations, micrograms per liter

FRW-2														
Date	PCE	TCE	cis12DCE	T12DCE	VC	TCA	11DCA	Toluene	Napthalene	Chloroform	EB	Benzene	MC	Acetone
ARARs	5	5	5	5	1 ^{1/}	5	5	5	NE	7	5	1 ^{1/}	5	NE
The FRWs were restarted on January 20, 2011														
20-Jan-11 (10:02 AM)	17	1.7	2.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan-11 (1:32 PM)	2.3	ND<1	0.5 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
25-Jan-11	7.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-11	18	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-11	39	ND<1	2.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
26-Apr-11	8.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	7.1	1.0	9.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	26	0.8 J	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	6.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	7.5	1.4	7.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	24	1.4 J	1.4 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.0 J,B	3.9 J,B
11-Oct-11	32	2.5 J	6.7	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.0 J,B	--
8-Nov-11	27	2.7	16	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.33 J	ND<2	ND<0.5	ND<0.5	0.11 J	0.77 J,B	ND<2
20-Dec-11	46	0.77	1.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.20 J,B	ND<0.5	ND<0.5	ND<0.5	0.35 J,B	ND<2
24-Jan-12	28	0.42 J	0.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.13 J,B	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<2
14-Feb-12	16	0.28 J	0.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.33 J	0.18 J,B	ND<0.5	ND<0.5	ND<0.5	0.58 J,B	ND<2
19-Mar-12	25	1.8	4.6	ND<0.5	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.10 J	1.8 J,B	ND<2
10-Apr-12	50	0.78	0.39 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.49 J,B	ND<2
The FRWs were shut down on April 19, 2012														
17-May-12	24	4.5	76	ND<0.5	0.42 J	0.25 J	ND<0.5	ND<0.5	0.14 J,B	0.12 J	0.14 J	0.12 J	2.6 B	2.4 B
The FRWs were restarted on June 7, 2012														
20-Jun-12	48	0.83	0.32 J	ND<0.5	ND<0.5	0.13 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	4.6 B	1.3 J,B
10-Jul-12	40	4.9	17	ND<0.5	0.70	0.12 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.13 J	1.2 J,B	ND<2
The FRWs were shut down on July 30, 2012														
21-Aug-12	40	8.5	87	0.24 J	0.57	0.37 J	0.13 J	0.12 J	0.73 J,B	0.54	0.17 J	0.23 J	ND<2	1.0 J,B
4-Sep-12	59	9.8	68	0.15 J	ND<5	0.43 J	0.16 J	0.14 J	ND<2	0.48 J	0.28 J	0.33 J	ND<2	3.5 B
19-Sep-12	69	13	42	0.13 J	0.29 J	0.51	0.13 J	0.13 J	ND<2	0.44 J	0.31 J	0.31 J	ND<2	1.9 J,B
31-Oct-12	65	11	25	ND<2.5	ND<2.5	ND<2.5	ND<2.5	1.5 J	ND<10	ND<2.5	ND<2.5	ND<2.5	ND<10	ND<10
18-Dec-12	51	13	51	0.14 J	0.65	0.50	0.17 J	ND<0.5	ND<2	0.10 J	0.26 J	0.33 J	ND<2	31 B

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.

1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.

B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.

ND: Not detected

PCE: Tetrachloroethylene
TCA: 1,1,1-Trichloroethane
MC: Methylene chloride

TCE: Trichloroethene
11DCA: 1,1-Dichloroethane
112TCA: 1,1,2-Trichloroethane

cis12DCE: cis-1,2-Dichloroethene
VC: Vinyl chloride

T12DCE: trans-1,2-Dichloroethylene
EB: Ethyl Benzene

Comments:

As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

TABLE 17

2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Recovery Well FRW-3 VOC Concentrations, micrograms per liter

FRW-3																						
Date	PCE	TCE	cis12DCE	VC	11DCA	TCA	135TMB	IPB	NPB	o-Xylene	EB	m-&p-Xylenes	Toluene	Napthalene	p-IPT	SBB	TBB	MC	Benzene	n-Butylbenzene	Acetone	
ARARs	5	5	5	1 ^U	5	5	5 ^U	5 ^U	5 ^U	5	5	5	5	10 ^U	NE	5 ^U		5			NE	
The FRWs were restarted on January 20, 2011																						
20-Jan-11 (10:04 AM)	7.6	ND<1	5.2	ND<1	ND<1	ND<1	ND<1	0.78 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
20-Jan-11 (1:34 PM)	ND<1	ND<1	1.8	ND<1	ND<1	ND<1	ND<1	0.84 J	0.40 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
25-Jan-11	ND<1	1.3	2.6	ND<1	ND<1	ND<1	ND<1	0.60 J	0.40 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
17-Feb-11	26	1.4	5.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
10-Mar-11	19	2.6	17	ND<1	ND<1	ND<1	ND<1	0.60 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
26-Apr-11	60	2.8	11	ND<1	ND<1	ND<1	ND<1	0.67 J	0.56 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
11-May-11	85	3.5	13	ND<1	ND<1	ND<1	ND<1	0.69 J	0.52 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
6-Jun-11	80	12	47	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
12-Jul-11	26	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
18-Aug-11	11	1.8	7.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
15-Sep-11	16	1.5 J	2.4 J	ND<5	ND<5	ND<5	ND<5	3.6 J	3.0 J	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	4.5 J,B	ND<5	ND<5	4.4 J,B	
11-Oct-11	28	2.5	15	ND<5	ND<5	2.5 J	ND<5	1.6 J	1.0 J	ND<5	ND<5	ND<5	ND<5	ND<20	ND<5	ND<5	ND<5	4.6 J,B	ND<5	ND<5	--	
8-Nov-11	36	0.78	3.0	ND<0.5	ND<0.5	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.75 J,B	ND<0.5	ND<0.5	ND<2	
20-Dec-11	68	4.3	9.7	0.28 J	0.21 J	0.74	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.43 J,B	ND<0.5	ND<0.5	ND<2	
24-Jan-12	23	1.7	12	0.64	ND<0.5	ND<0.5	ND<0.5	1.8	0.9	ND<0.5	0.12 J	ND<0.5	0.16 J	0.12 J,B	ND<0.5	ND<0.5	ND<0.5	0.34 J,B	ND<0.5	ND<0.5	ND<2	
14-Feb-12	22	1.3	3.4	0.33 J	ND<0.5	ND<0.5	0.27 J	1.8	1.4	ND<0.5	0.10 J	0.15 J	0.10 J	0.19 J,B	ND<0.5	ND<0.5	ND<0.5	0.38 J,B	ND<0.5	ND<0.5	ND<2	
19-Mar-12	12	1.1	4.0	0.14 J	ND<0.5	ND<0.5	0.19 J	1.7	0.97	ND<0.5	0.18 J	0.15 J	0.11 J	0.12 J	0.17 J	0.11 J	ND<0.5	1.5 J,B	ND<0.5	ND<0.5	ND<2	
10-Apr-12	23	1.0	5.3	0.16 J	ND<0.5	ND<0.5	0.18 J	1.6	0.99	ND<0.5	ND<0.5	0.12 J	ND<0.5	0.13 J	0.20 J	0.11 J	ND<0.5	0.47 J	ND<0.5	ND<0.5	ND<2	
The FRWs were shut down on April 19, 2012																						
17-May-12	31	5.5	31	1.3	0.20 J	0.18 J	ND<0.5	1.6	1.2	ND<0.5	0.11 J	0.11 J	0.21 J	0.14 J,B	0.14 J	0.10 J	ND<0.5	2.8 B	ND<0.5	ND<0.5	2.6 B	
The FRWs were restarted on June 7, 2012																						
20-Jun-12	65	2.5	2.9	ND<0.5	ND<0.5	0.30 J	0.15 J	2.0	1.3	0.13 J	0.15 J	0.15 J	0.11 J	0.16 J,B	0.22 J	0.14 J	ND<0.5	6.5 B	ND<0.5	ND<0.5	ND<2	
10-Jul-12	23	4.2	3.1	0.26 J	ND<0.5	ND<0.5	0.17 J	1.8	1.3	ND<0.5	0.12 J	0.14 J	0.12 J	0.12 J,B	0.20 J	0.12 J	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<2	
The FRWs were shut down on July 30, 2012																						
21-Aug-12	32	8.2	41	1.0	0.20 J	0.39 J	ND<0.5	0.70	0.46 J	ND<0.5	ND<0.5	ND<0.5	0.12 J	0.53 J,B	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<2	
4-Sep-12	34	6.6	34	ND<0.5	0.14 J	0.35 J	0.16 J	2.1	2.1	ND<0.5	ND<0.5	ND<0.5	0.43 J	0.12 J,B	0.18 J	0.17 J	0.12 J	0.27 J,B	0.26 J	0.13 J	2.0 B	
19-Sep-12	15	4.6	45	0.92	0.14 J	0.29 J	ND<0.5	0.53	0.16 J	ND<0.5	ND<0.5	ND<0.5	0.15 J	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	0.22 J	ND<0.5	2.7 B	
31-Oct-12	25	8.8	37	1.5	0.22 J	0.36 J	ND<1	0.68	0.3 J	ND<1	ND<1	ND<1	0.22 J	ND<4	ND<1	ND<1	ND<1	ND<4	0.44 J	ND<1	ND<4	
18-Dec-12	46	10	25	1.7	0.30 J	0.43 J	ND<0.5	0.74	0.34 J	0.11 J	ND<0.5	0.23 J	0.13 J	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<2	0.49 J	ND<0.5	2.1	

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.

1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.

B: Method

ND: Not detected

PCE: Tetrachloroethylene
IPB: Isopropylbenzene
VC: Vinyl chloride
CM: Chloromethane

TCE: Trichloroethene
NPB: n-Propylbenzene
p-IPT: p-Isopropyltoluene
MC: Methylene chloride

cis12DCE: cis-1,2-Dichloroethene
EB: Ethyl Benzene
SBB: sec-Butylbenzene
TBB: tert-Butylbenzene

TCA: 1,1,1-Trichloroethane
11DCA: 1,1-Dichloroethane
135TMB: 1,3,5-Trimethylbenzene

Comments:

As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

TABLE 18

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

Recovery Well FRW-4 VOC Concentrations, micrograms per liter

FRW-4														
Date	PCE	TCE	cis12DCE	VC	TCA	IPB	NPB	NBB	m-&p-Xylenes	o-Xylene	Napthalene	MC	chlorobenz	Acetone
ARARs	5	5	5	1 ^{1/}	5	5 ^{1/}	5 ^{1/}	5 ^{1/}	5	5	NE	5		NE
The FRWs were restarted on January 20, 2011														
20-Jan-11 (10:06 AM)	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
20-Jan-11 (1:36 PM)	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
25-Jan-11	1.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
17-Feb-11	2.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
10-Mar-11	4.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
26-Apr-11	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	3.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	2.8	ND<1	0.7 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	2.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	2.8	ND<1	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	22	0.99 J	3.1 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<10	4.8 J,B	ND<5	4.5 J,B
11-Oct-11	13	2.0 J	1.6 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<10	4.3 J,B	ND<5	--
8-Nov-11	30	1.8	6.0	ND<0.5	0.19 J	0.19 J	0.13 J	ND<0.5	ND<1	ND<0.5	ND<2	0.77 J,B	ND<0.5	ND<2
20-Dec-11	39	1.7	2.4	ND<0.5	0.44 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	0.21 J,B	0.47 J,B	ND<0.5	ND<2
24-Jan-12	15	0.83	4.6	ND<0.5	0.13 J	0.12 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	0.31 J,B	ND<0.5	1.2 J,B
14-Feb-12	25	0.98	3.3	ND<0.5	0.14 J	0.15 J	0.10 J	ND<0.5	ND<1	ND<0.5	0.13 J,B	0.55 J,B	ND<0.5	ND<2
19-Mar-12	22	1.2	6.8	0.11 J	0.14 J	0.16 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	1.6 J,B	ND<0.5	1.2 J,B
10-Apr-12	12	0.79	1.8	ND<0.5	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	0.50	ND<0.5	ND<2
The FRWs were shut down on April 19, 2012														
17-May-12	10	0.88	11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<0.5	0.12 J,B	2.4 B	ND<0.5	1.6 J,B
The FRWs were restarted on June 7, 2012														
20-Jun-12	21	1.6	2.4	ND<0.5	0.16 J	0.15 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	7.1 B	ND<0.5	ND<2
10-Jul-12	24	3.8	4.7	ND<0.5	0.27 J	0.11 J	ND<0.5	0.11 J	0.12 J	0.16 J	1.9 J,B	1.2 J,B	ND<0.5	ND<2
The FRWs were shut down on July 30, 2012														
21-Aug-12	14	0.86	19	ND<0.5	0.21 J	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	0.34 J,B	ND<2	ND<0.5	ND<2
4-Sep-12	13	0.64	21	ND<0.5	0.21 J	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<0.5	1.5 J,B
19-Sep-12	6.1	0.33 J	25	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	0.21 J	ND<2
31-Oct-12	2.3	ND<0.5	14	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<0.5	2.8
18-Dec-12	0.36 J	0.13 J	1.1	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.29 J	0.14 J	ND<2	ND<2	ND<0.5	1.3 J,B

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.

1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.

B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.

ND: Not detected

PCE: Tetrachloroethylene

TCE: Trichloroethene

cis12DCE: cis-1,2-Dichloroethene

TCA: 1,1,1-Trichloroethane

IPB: Isopropylbenzene

NPB: n-Propylbenzene

NBB: n-Butylbenzene

VC: Vinyl Chloride

MC: Methylene Chloride

Comments:

As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

TABLE 19

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

Summary of the Geochemical Parameters for the Focused Recovery Wells (FRWs)

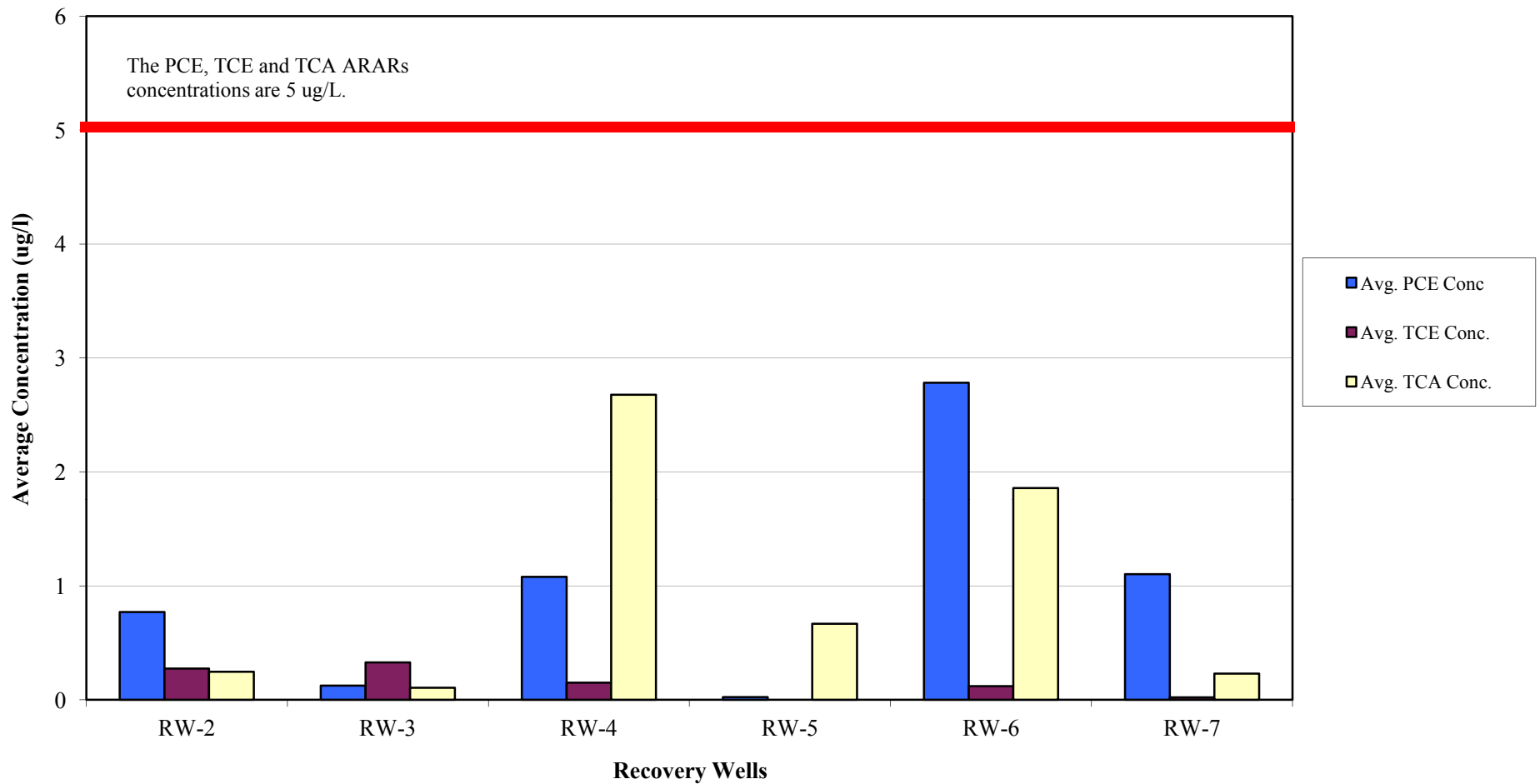
FRW-1	pH	Temperature (degrees C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Conductivity (mS/cm)	Oxidation-Reduction Potential (ORP) (mV)
Jan	5.73	14.72	59	5.95	0.15	424
Feb	5.75	14.54	81	6.71	0.16	440
Mar	5.88	16.07	240	6.94	0.17	472
Apr	6.07	17.10	249	7.24	0.17	NM
May	6.57	17.30	NM	NM	0.24	NM
Jun	6.00	20.00	294	NM	0.17	NM
Jul	6.07	16.40	23	7.44	0.20	361
Aug	6.33	16.36	15	2.32	2.45	-130
Sep (9/5/12)	5.14	17.52	33	2.91	0.19	128
Sep (9/19/12)	6.41	17.29	21	1.62	0.34	-69
Oct	6.90	15.61	94	4.68	0.28	-65
Nov	NS	NS	NS	NS	NS	NS
Dec	5.95	15.56	155	6.00	0.50	-130
Average	6.07	16.54	115	5.18	0.42	159
median	6.04					
FRW-2	pH	Temperature (degrees C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Conductivity (mS/cm)	Oxidation-Reduction Potential (ORP) (mV)
Jan	5.79	14.65	7.0	5.15	0.15	418
Feb	5.82	14.82	51	5.94	0.16	410
Mar	5.82	16.22	44	5.91	0.16	424
Apr	6.25	16.90	415	7.37	0.18	NM
May	6.76	16.30	NM	NM	0.45	NM
Jun	6.22	18.10	191.0	NM	0.18	NM
Jul	5.94	16.20	29	7.07	0.21	394
Aug	6.11	16.34	34	2.01	2.74	-84
Sep (9/5/12)	6.30	17.80	92	3.03	0.30	29
Sep (9/19/12)	5.63	17.84	79	0.60	0.21	64
Oct	5.75	15.95	161	4.23	0.19	19
Nov	NS	NS	NS	NS	NS	NS
Dec	5.81	16.18	162	5.95	0.44	-71
Average	6.02	16.44	115	4.73	0.45	178
median	5.88					
FRW-3	pH	Temperature (degrees C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Conductivity (mS/cm)	Oxidation-Reduction Potential (ORP) (mV)
Jan	5.78	13.66	66	5.13	0.17	414
Feb	5.94	14.54	65	5.56	0.15	407
Mar	5.90	16.01	37	6.02	0.16	403
Apr	6.29	16.80	84	6.92	0.21	NM
May	6.96	16.10	NM	NM	0.37	NM
Jun	6.30	17.40	67	NM	0.21	NM
Jul	6.02	16.40	16	6.94	0.18	343
Aug	6.24	17.31	25	1.94	4.03	-91
Sep (9/5/12)	5.41	17.40	73	2.68	0.24	105
Sep (9/19/12)	6.04	18.40	42	0.36	0.28	-59
Oct	5.95	15.21	75	4.60	0.22	7
Nov	NS	NS	NS	NS	NS	NS
Dec	5.54	14.83	53	5.72	0.28	33
Average	6.03	16.17	55	4.59	0.54	174
median	5.99					
FRW-4	pH	Temperature (degrees C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Conductivity (mS/cm)	Oxidation-Reduction Potential (ORP) (mV)
Jan	5.87	14.30	7.0	5.49	0.15	407
Feb	5.81	14.12	22	5.90	0.17	428
Mar	5.92	15.89	15	6.12	0.17	417
Apr	6.37	16.80	102	7.01	0.17	NM
May	6.82	15.70	NM	NM	0.21	NM
Jun	6.42	16.70	50	NM	0.17	NM
Jul	6.00	16.10	17	7.32	0.19	351
Aug	6.01	17.33	23	2.64	0.18	-6
Sep (9/5/12)	5.44	17.84	20	2.48	0.17	88
Sep (9/19/12)	6.15	18.96	21	1.00	0.17	-43
Oct	6.27	14.68	7.0	4.39	0.16	-15
Nov	NS	NS	NS	NS	NS	NS
Dec	5.65	14.56	0.0	6.17	0.21	13
Average	6.06	16.08	26	4.85	0.18	182
median	6.01					
min	5.14	14.12	0.00	0.36	0.15	-130.00
max	6.96	20.00	415.00	7.37	2.74	472.00

NS: Not Sampled
NM: Not Measured

GRAPHS

GRAPH 1
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

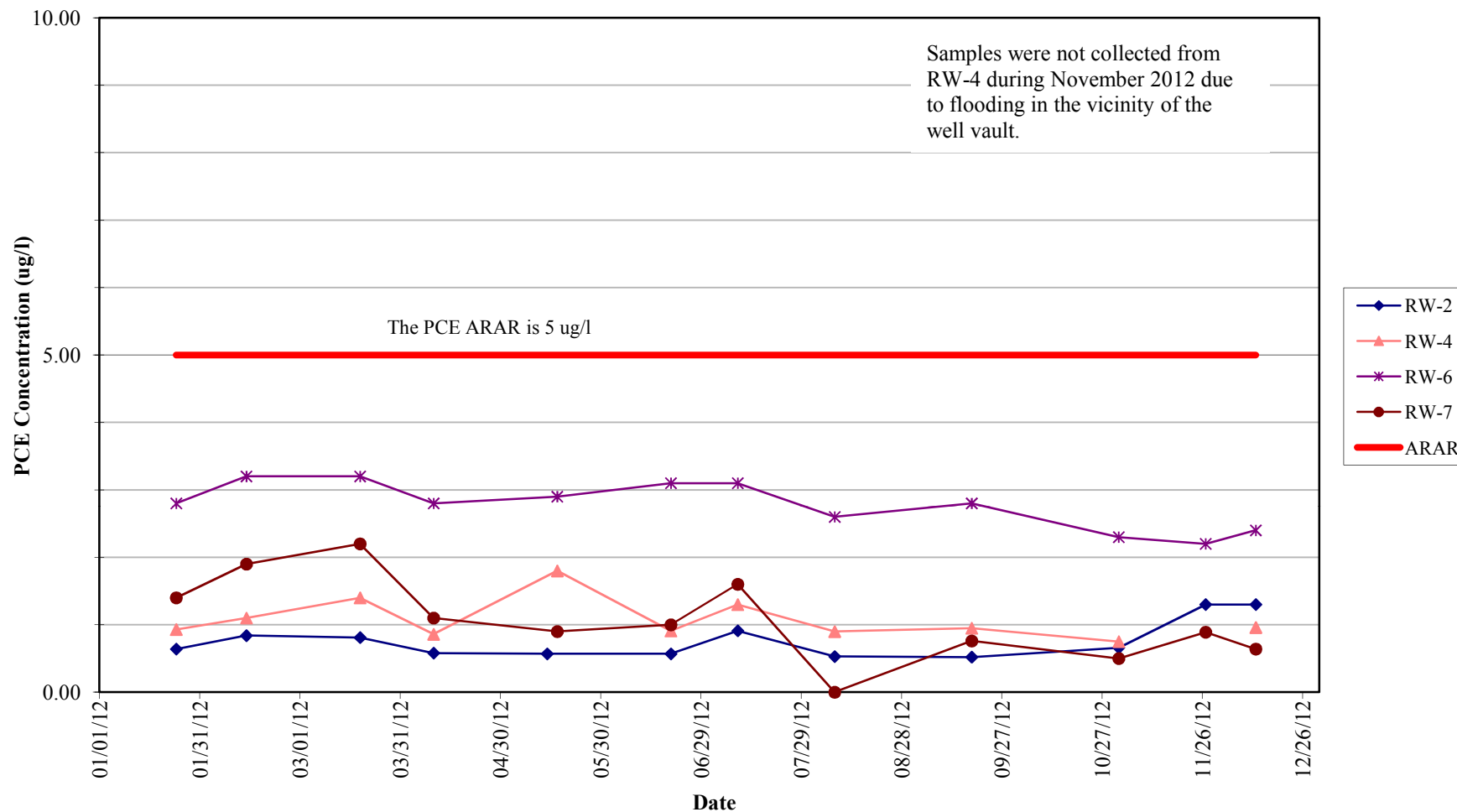
**FSP&T Annual Average PCE, TCE, and TCA
Concentrations in Samples from Recovery Wells**



GRAPH 2

2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

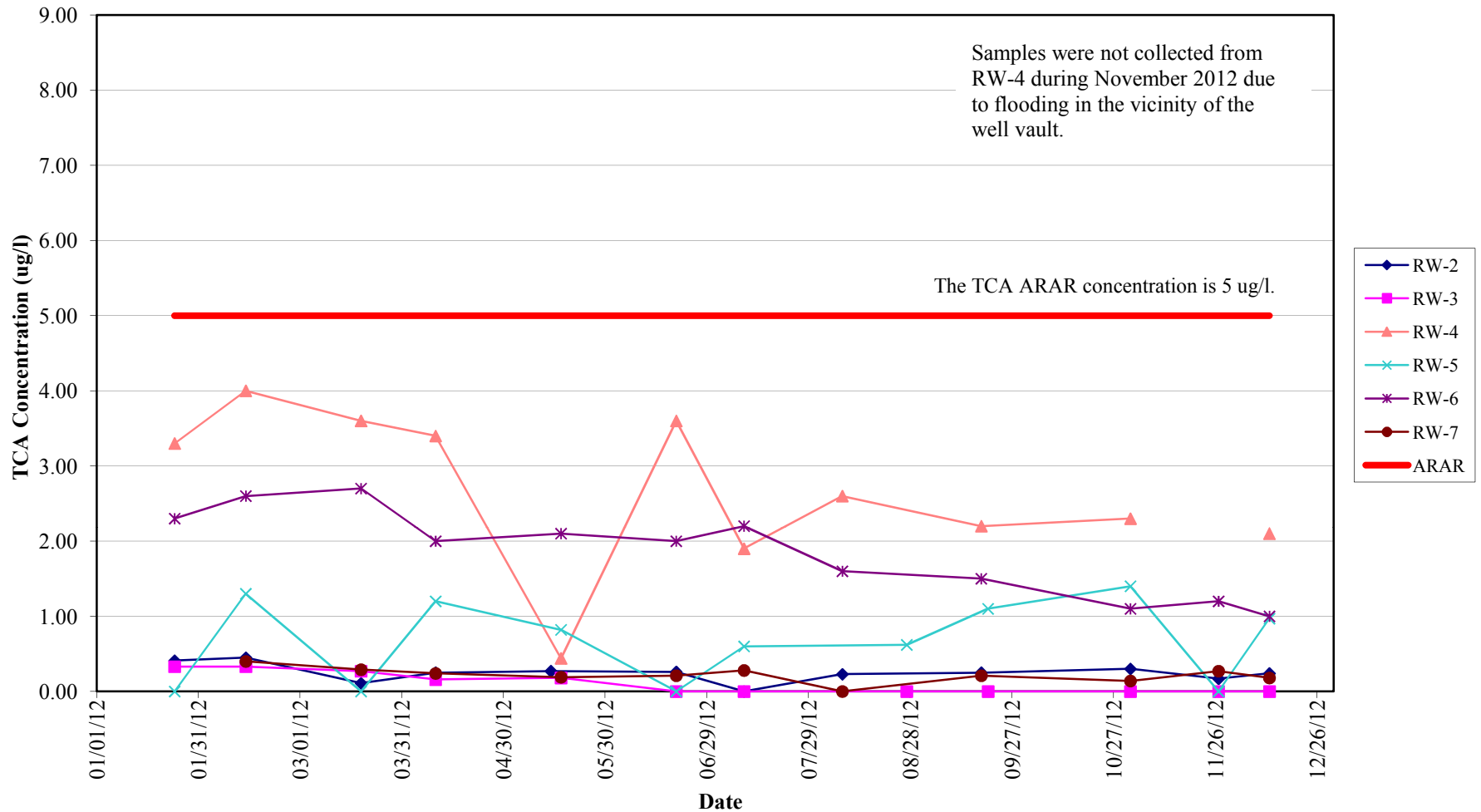
FSP&T Monthly PCE Concentrations in Groundwater Samples from Select Recovery Wells



GRAPH 3

**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

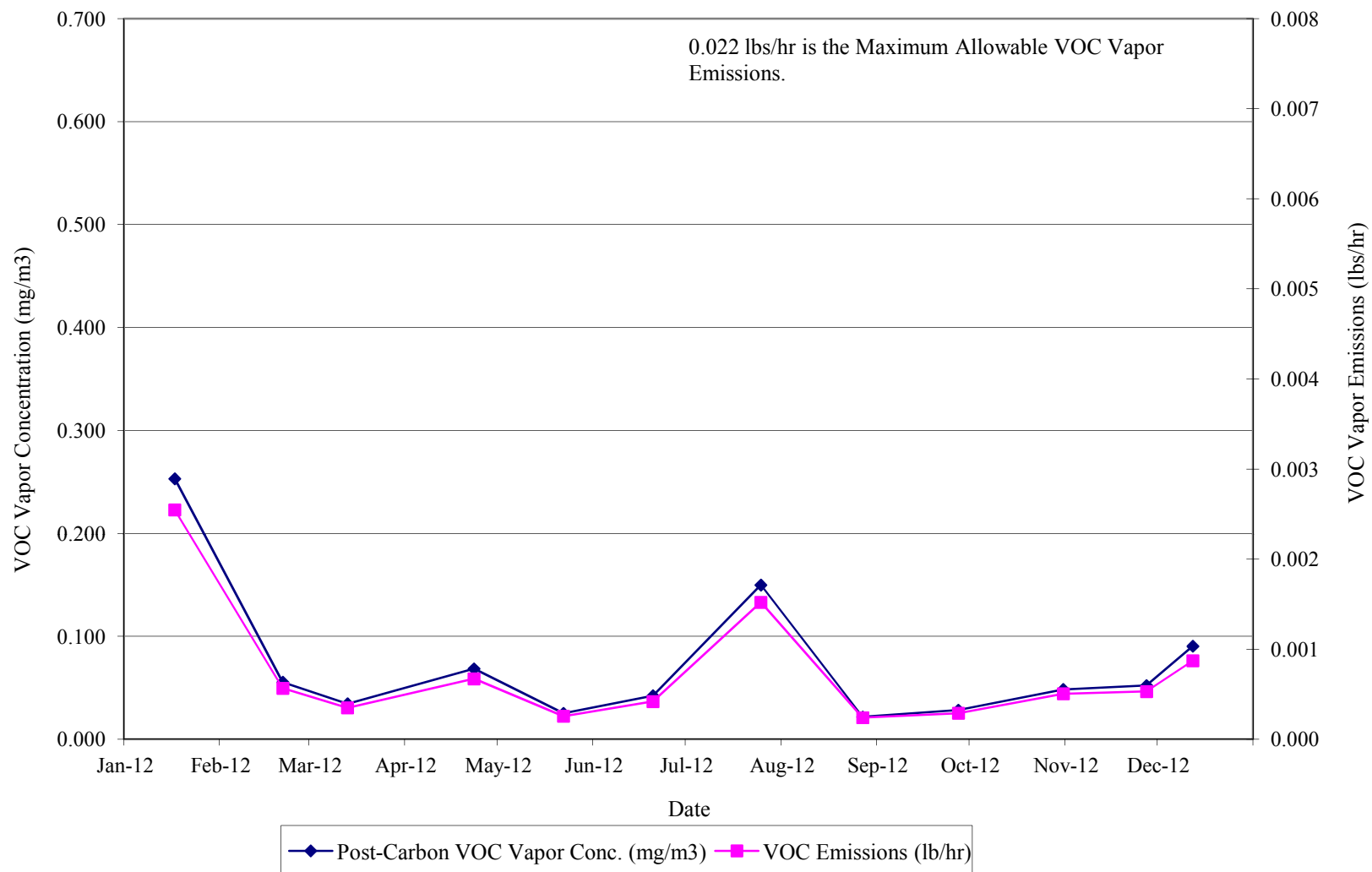
FSP&T Monthly TCA Concentrations in Groundwater Samples from Select Recovery Wells



GRAPH 4

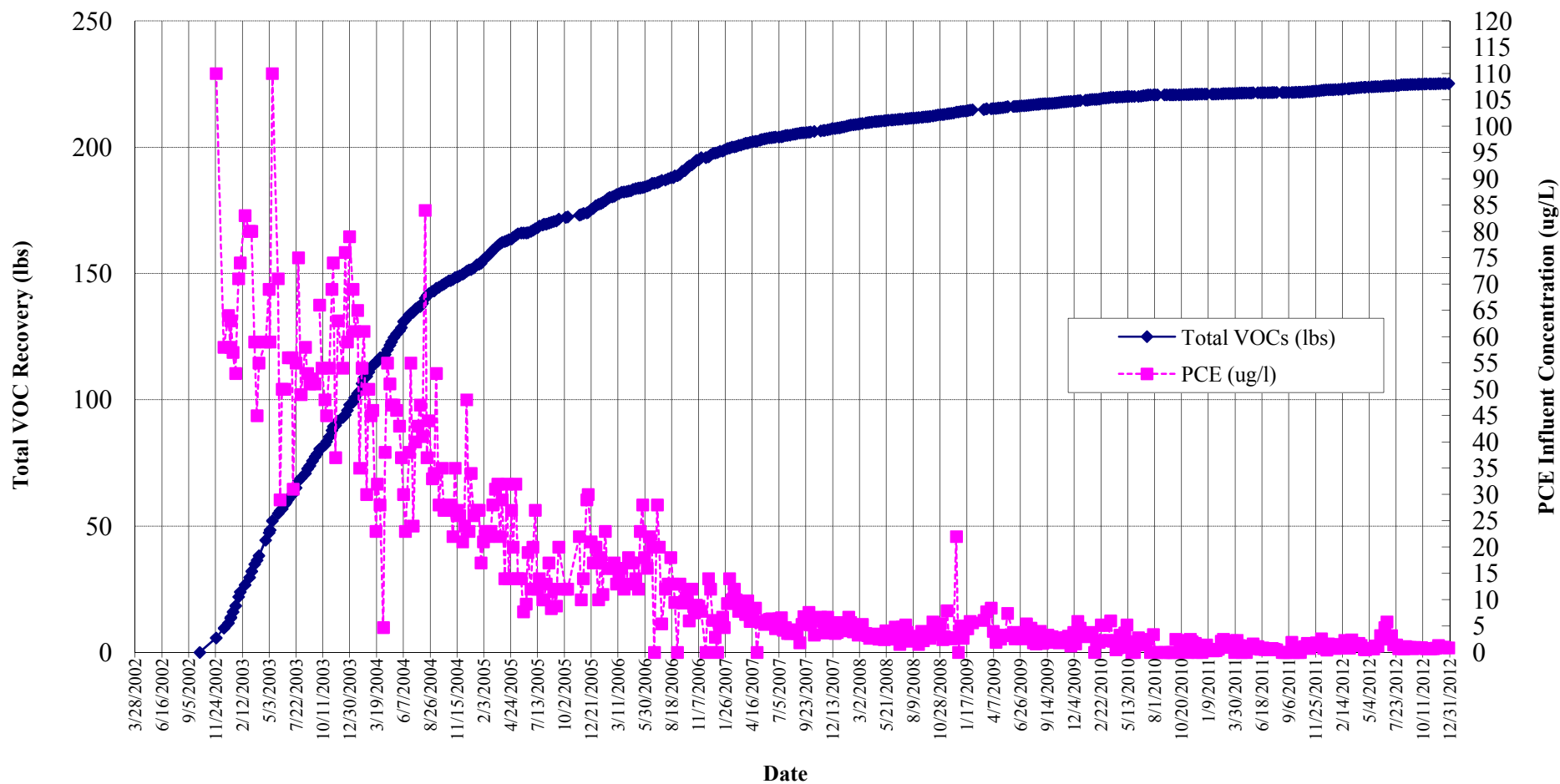
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FSP&T Total VOC Effluent Vapor Concentrations and Emissions for 2012



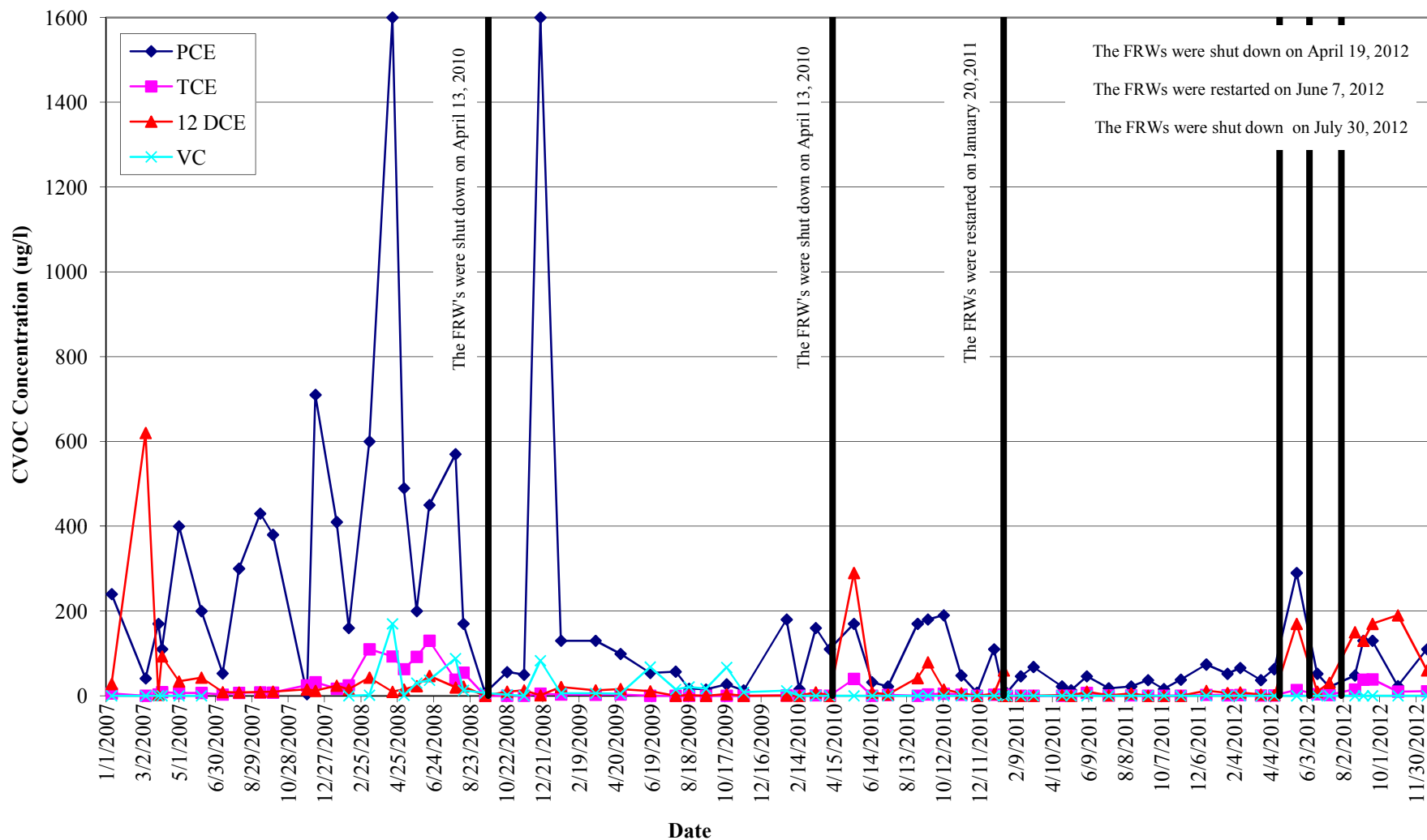
GRAPH 5
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

Cumulative VOC Recovery by Groundwater System vs. Time



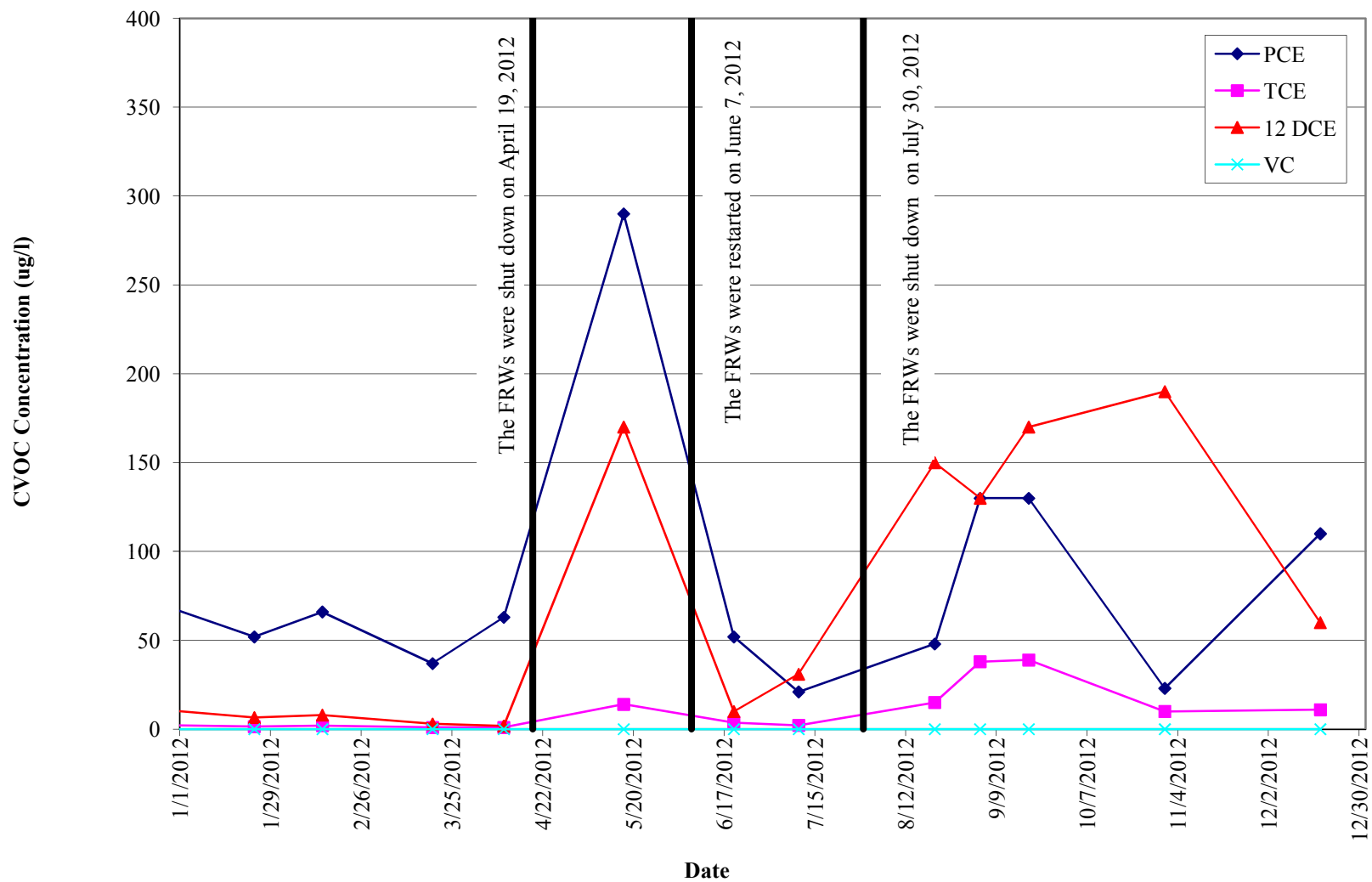
GRAPH 6
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1 for 2007 through 2012



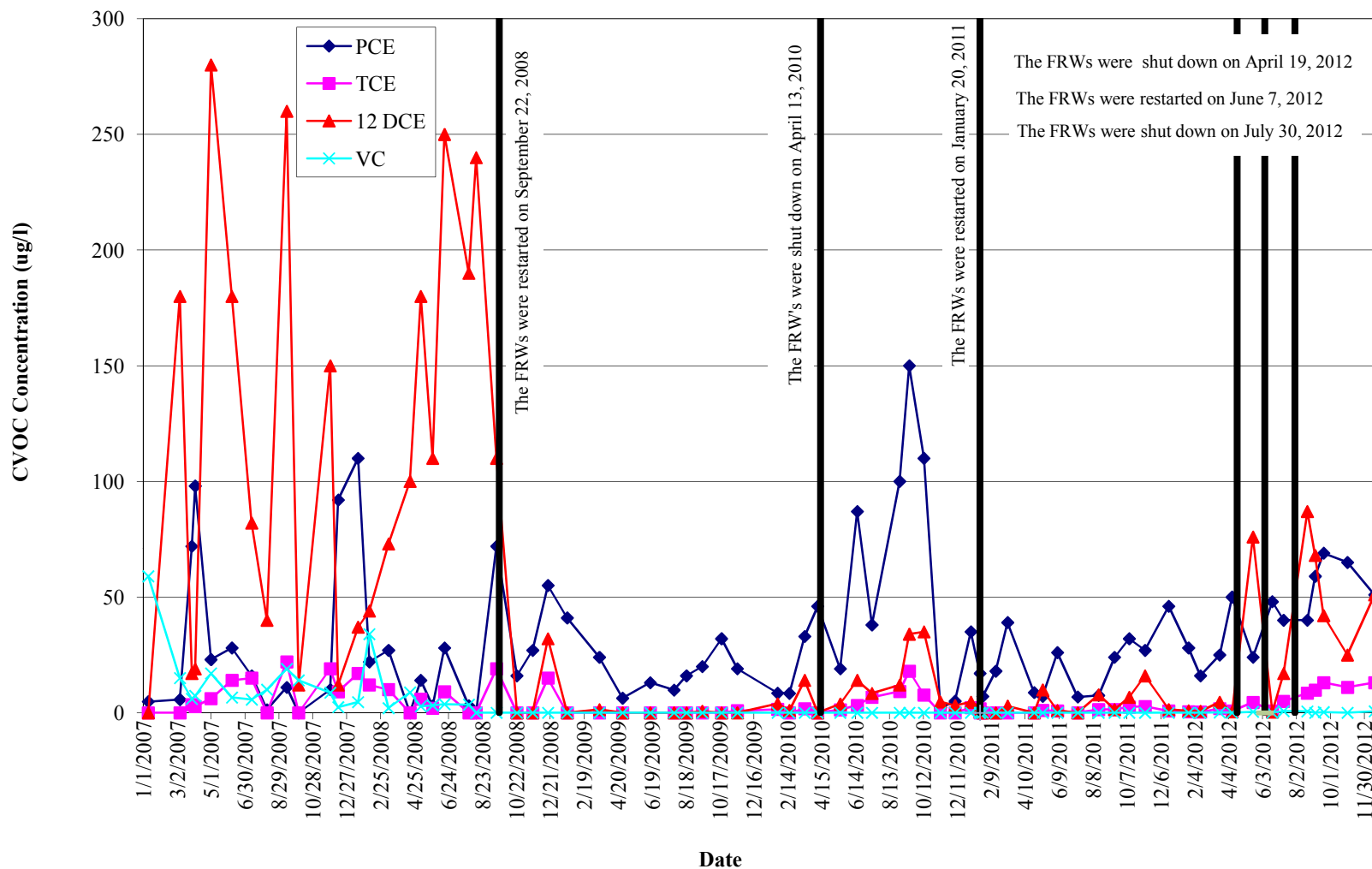
GRAPH 7
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1 for 2012



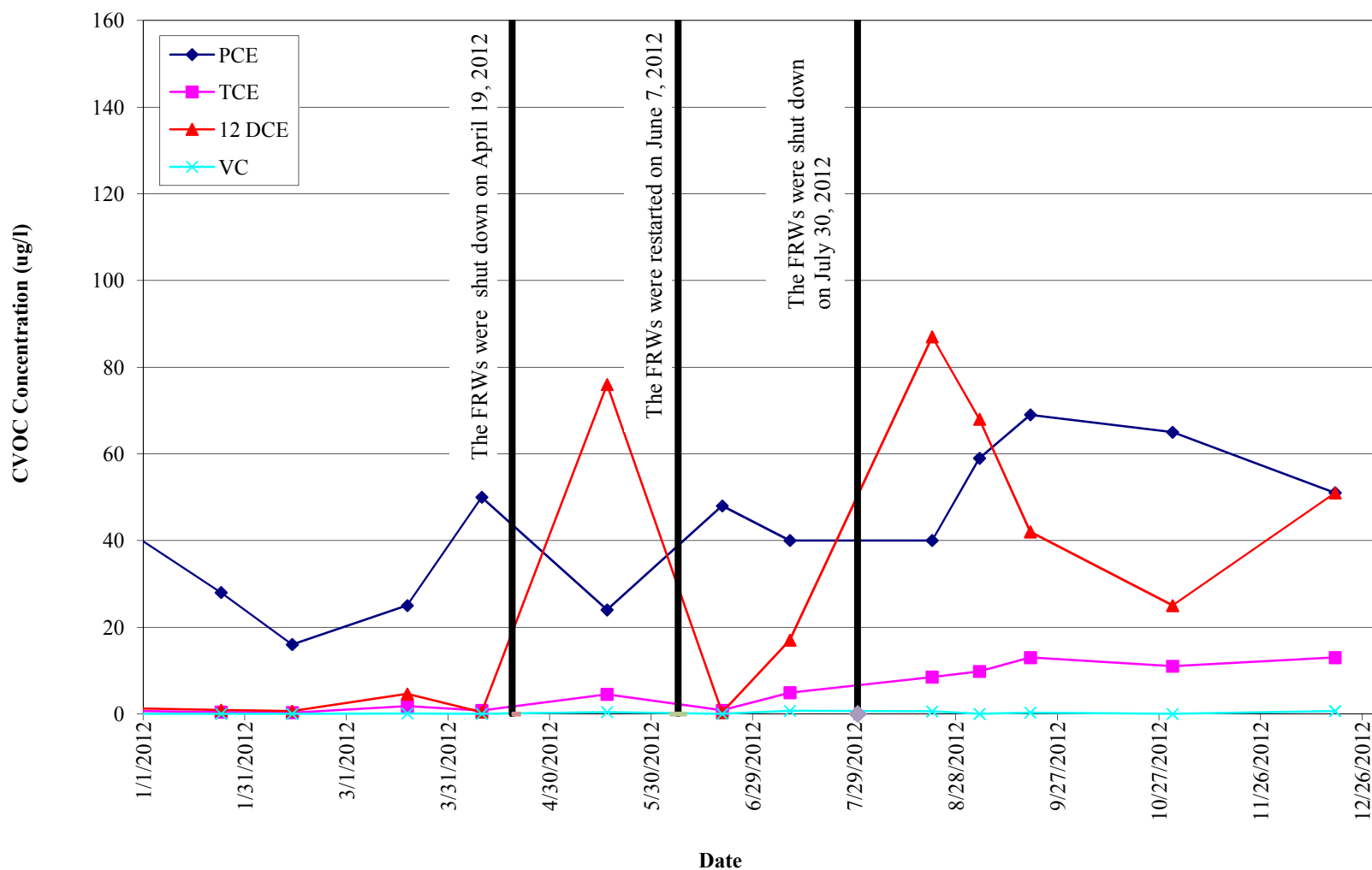
GRAPH 8
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-2 for 2007 through 2012



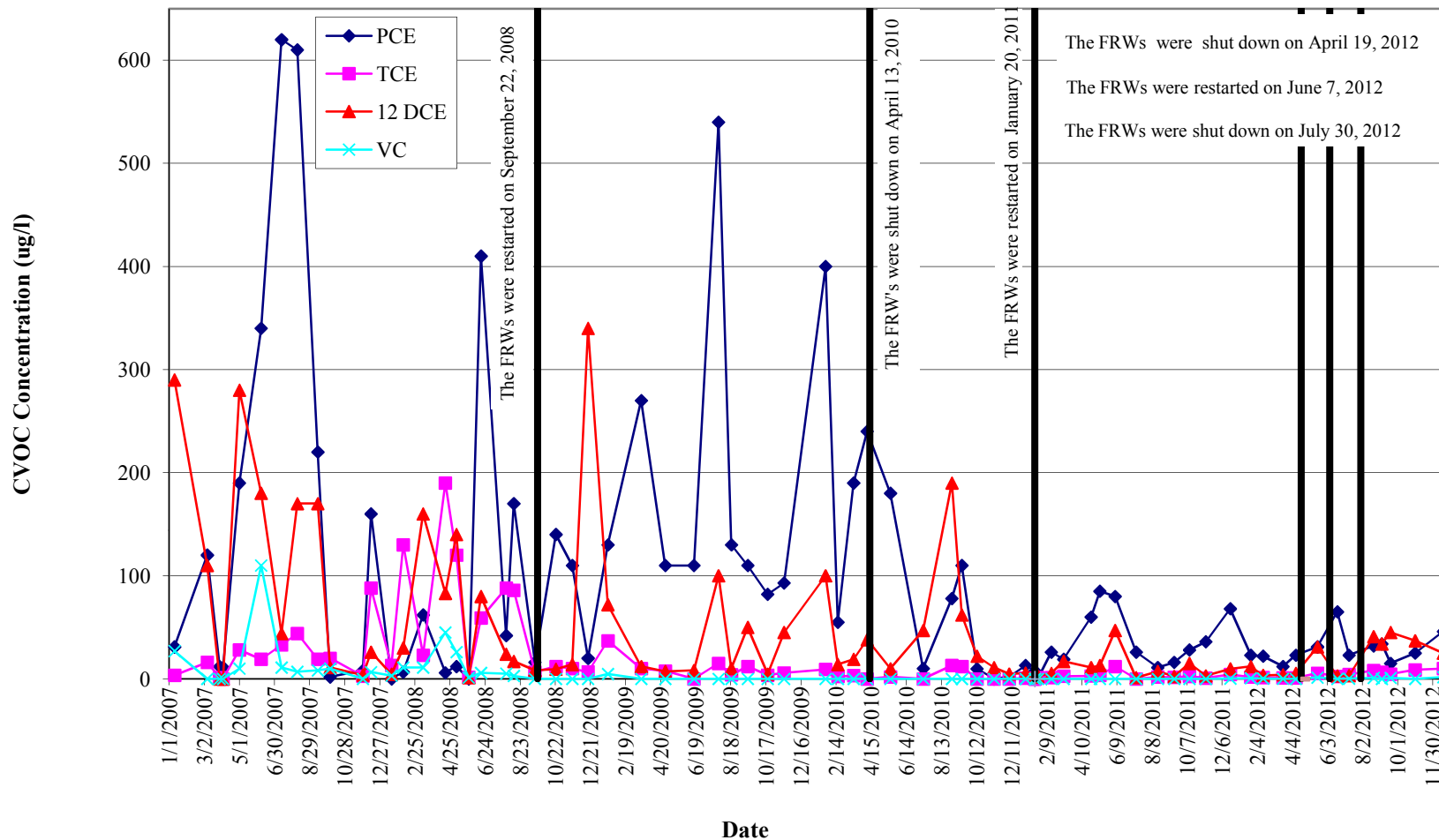
GRAPH 9
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-2 for 2012



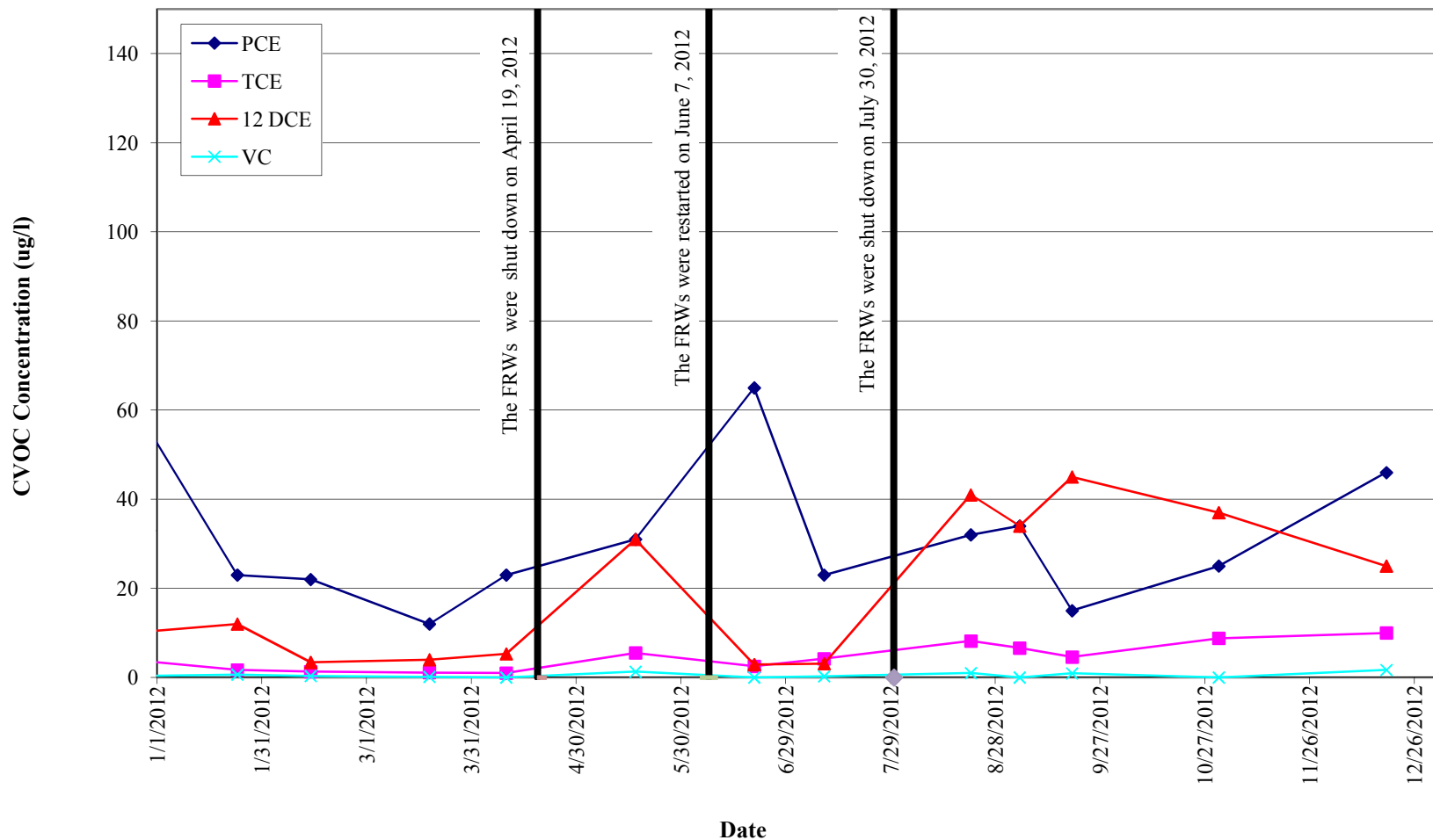
GRAPH 10
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-3 for 2007 through 2012



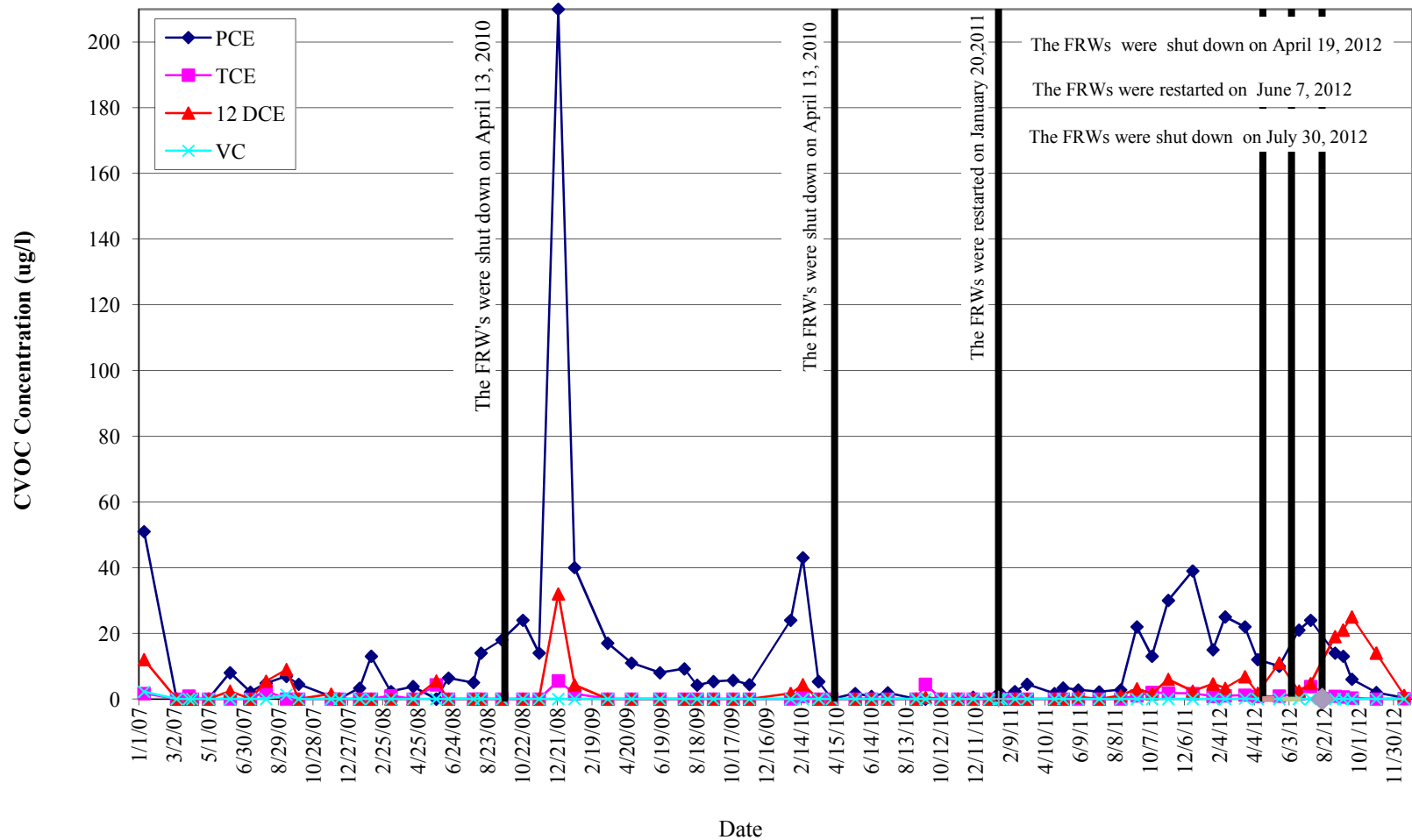
GRAPH 11
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-3 for 2012



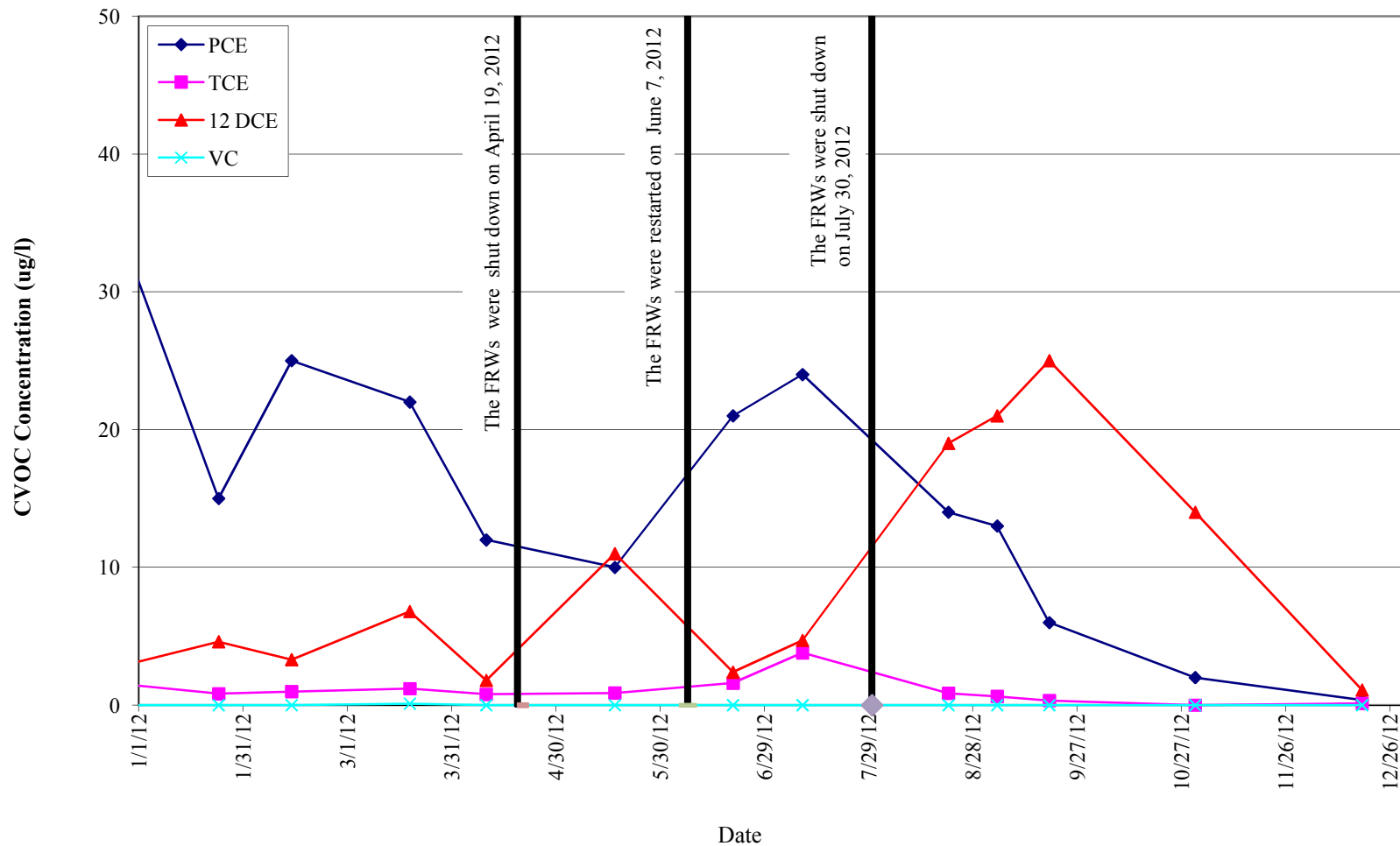
GRAPH 12
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-4 for 2007 through 2012



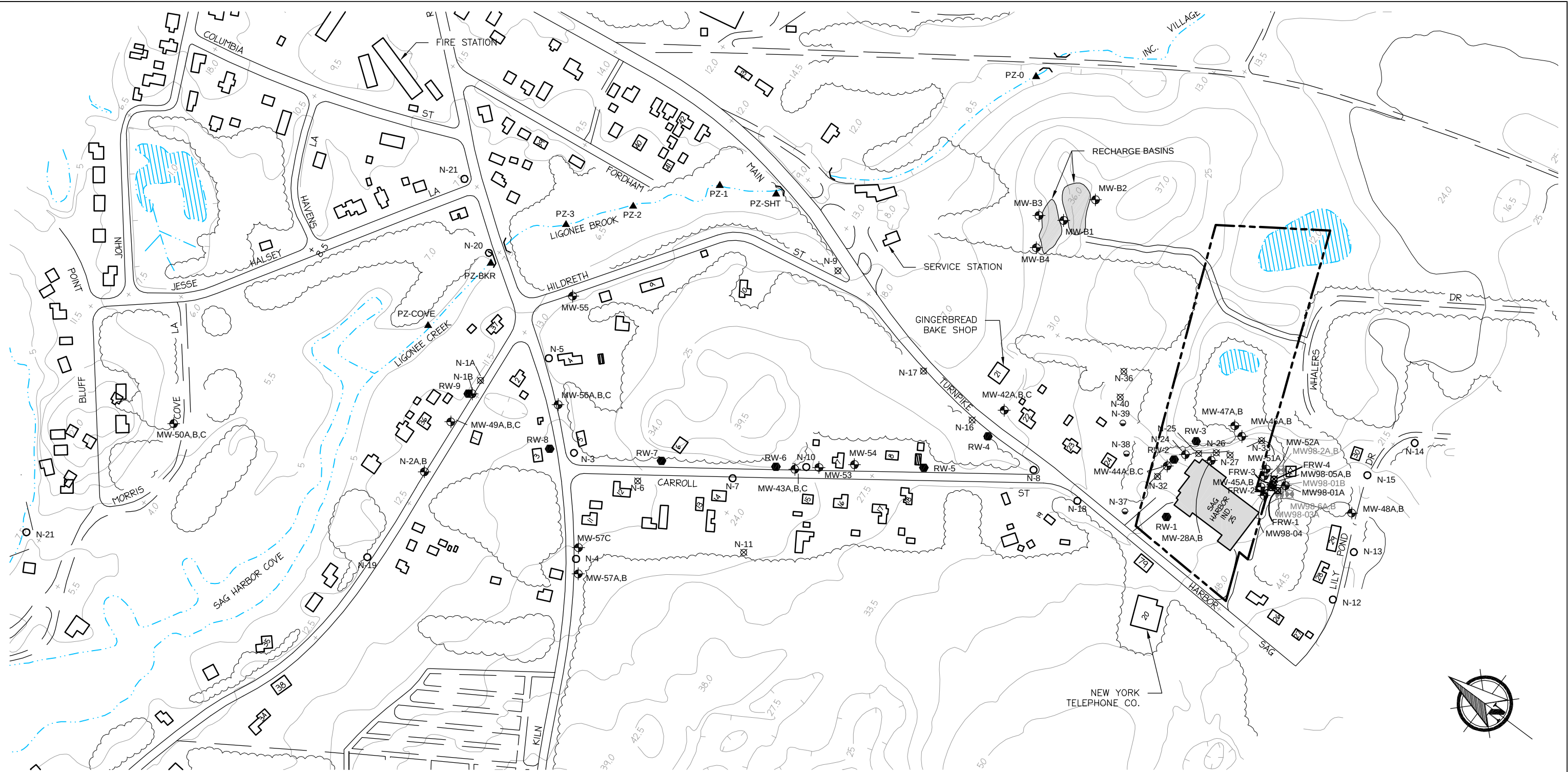
GRAPH 13
2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-4 for 2007



FIGURES

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LEGEND

- LOCATED SCDHS WELL
- REPAIRED SCDHS WELL
- UNLOCATED SCDHS WELL
- PROPERTY OWNERS WELL
- PIEZOMETER
- WELL(S) CONSTRUCTED FOR RI/FS
- RECOVERY WELL
- DECOMMISSIONED WELLS OR DESTROYED WELLS
- FOCUSED REMEDIATION RECOVERY WELL LOCATION

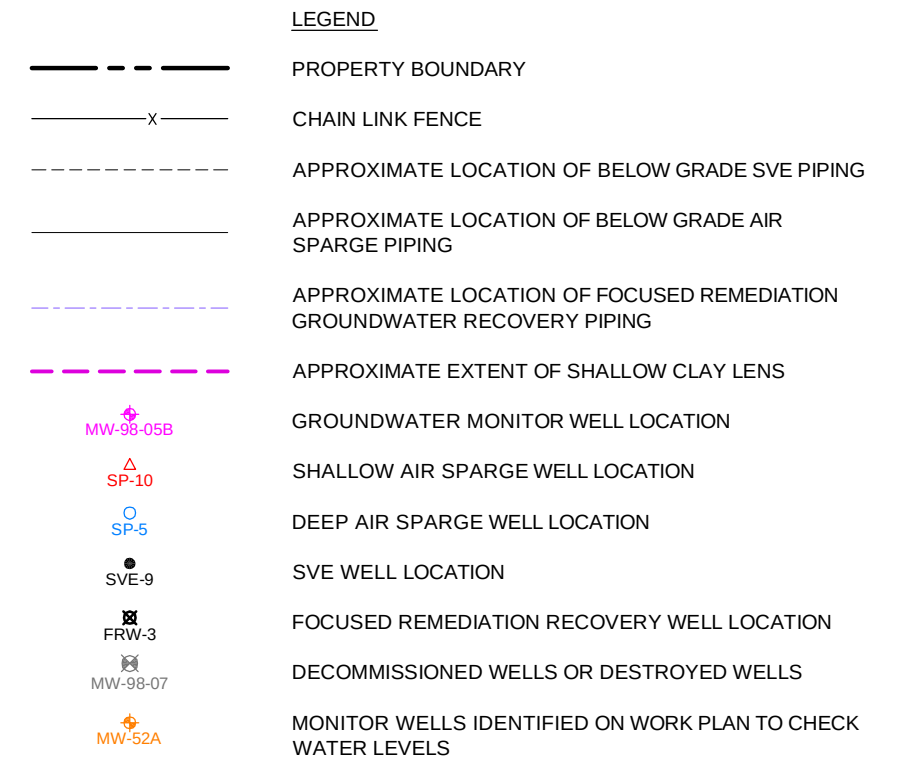
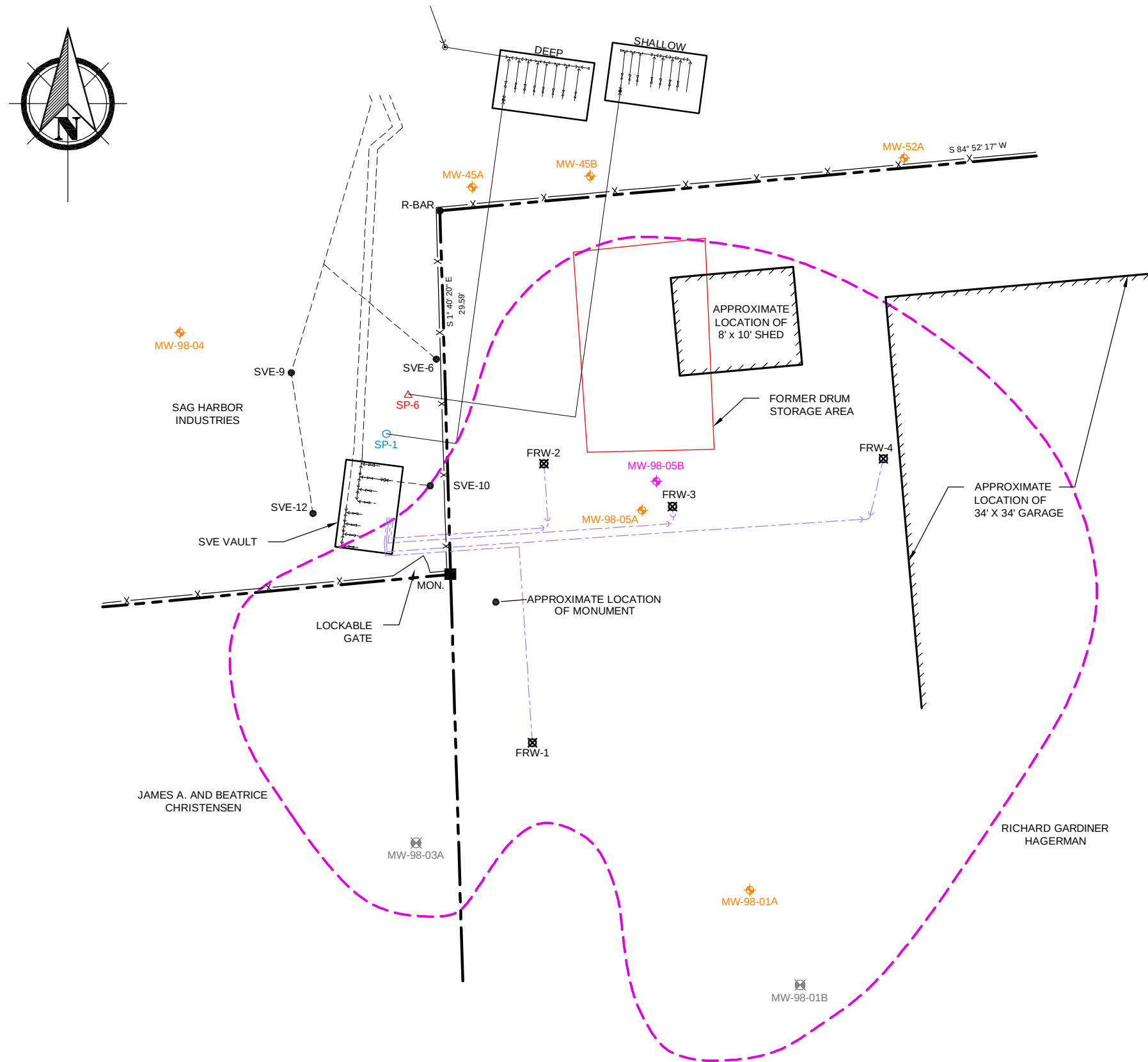
NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.

0 300
SCALE IN FEET

GROUNDWATER REMEDIAL ACTION
FORMER ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

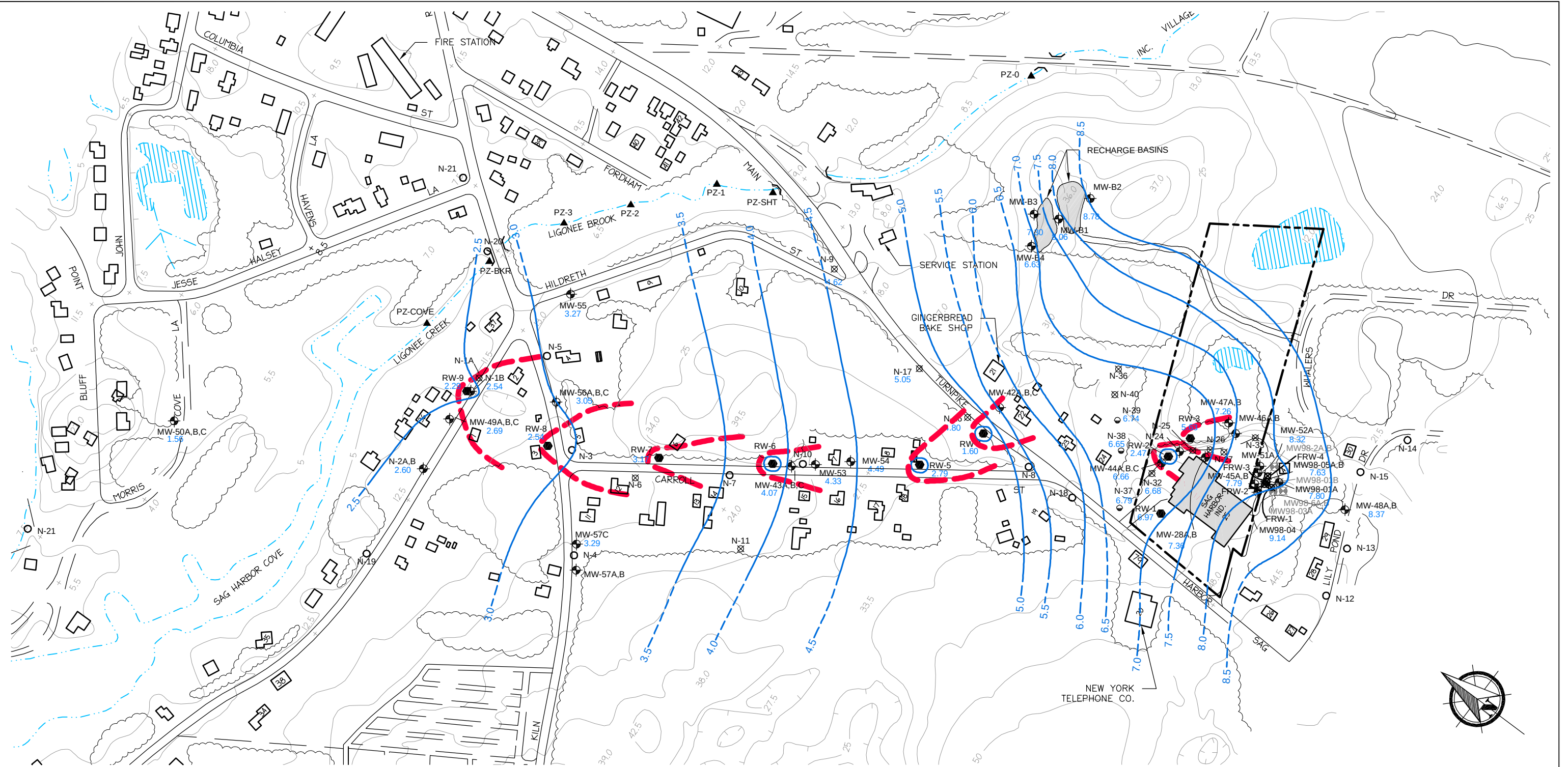
SITE MAP

DATE	REVISED	PREPARED BY: LBG ENGINEERING SERVICES, P.C. Professional Environmental and Civil Engineers 4 Research Drive Suite 301 Shelton, Connecticut 06484 (203) 929-8555	
			
DRAWN: RAC	CHECKED: TS	DATE: 01/31/13	FIGURE: 1



GROUNDWATER REMEDIAL ACTION FORMER ROWE INDUSTRIES SUPERFUND SITE SAG HARBOR, NEW YORK									
FORMER DRUM STORAGE AREA SITE MAP									
DATE 		REVISED 		PREPARED BY:  LBG ENGINEERING SERVICES, P.C. Professional Environmental and Civil Engineers 4 Research Drive Suite 301 Shelton, Connecticut 06484 (203) 929-8555					
DRAWN: MRV		CHECKED: TS		DATE: 07/05/11		FIGURE: 2			

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LEGEND

- LOCATED SCDHS WELL
- REPAIRED SCDHS WELL
- UNLOCATED SCDHS WELL
- PROPERTY OWNERS WELL
- PIEZOMETER
- WELL(S) CONSTRUCTED FOR RI/FS
- RECOVERY WELL
- DECOMMISSIONED WELLS OR DESTROYED WELLS
- FOCUSED REMEDIATION RECOVERY WELL LOCATION

- GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
- GROUNDWATER ELEVATION IN FEET
- CAPTURE ZONE

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.

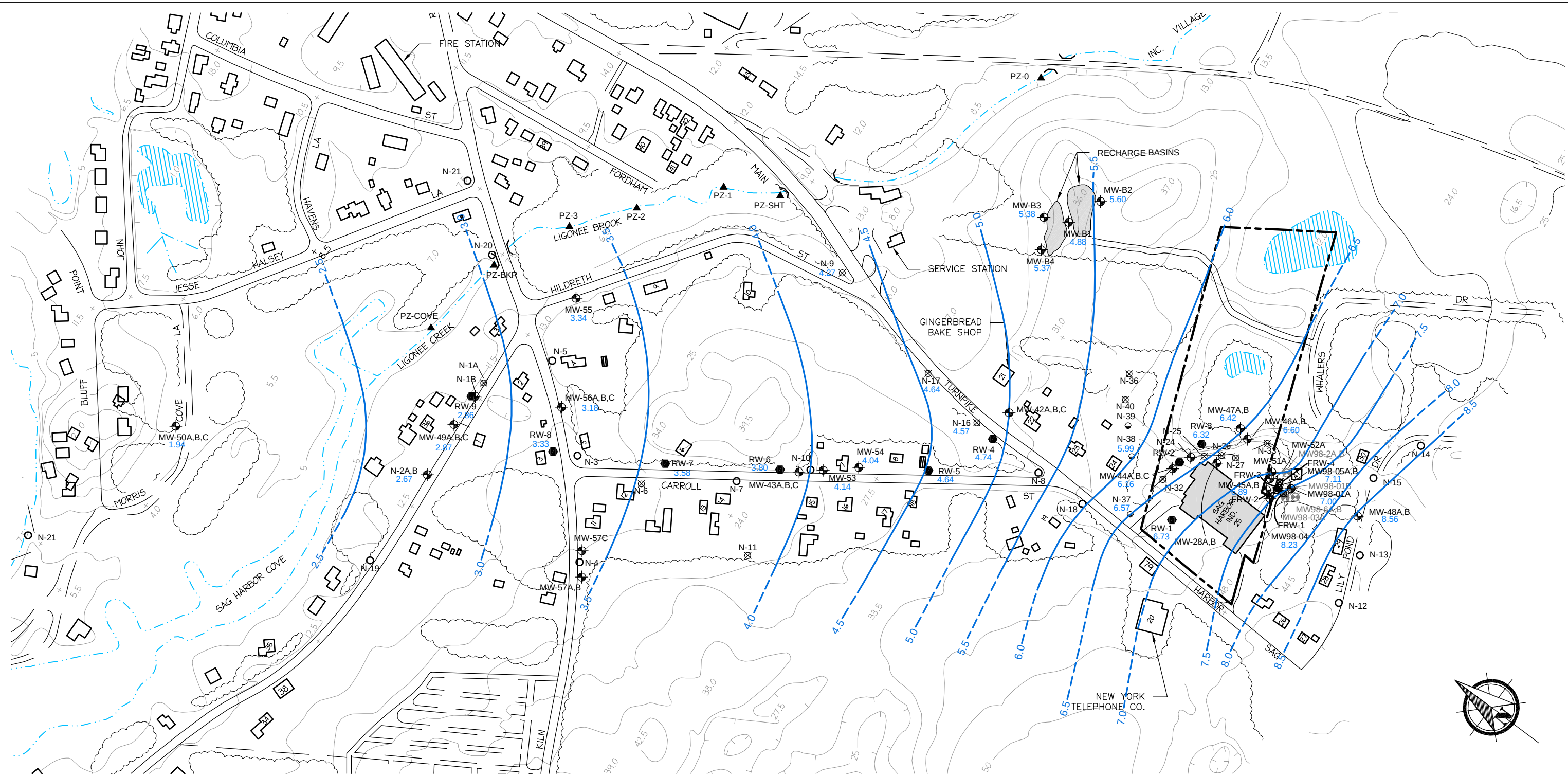
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SCALE IN FEET

GROUNDWATER REMEDIAL ACTION FORMER ROWE INDUSTRIES SUPERFUND SITE SAG HARBOR, NEW YORK

MARCH 21, 2012 GROUNDWATER ELEVATION CONTOUR MAP AND CAPTURE ZONE, CONDITIONS WITH FSP&T AND FP&T SYSTEMS OPERATING

DATE	REVISED	PREPARED BY:
		LBG ENGINEERING SERVICES, P.C. Professional Environmental and Civil Engineers 4 Research Drive Suite 301 Shelton, Connecticut 06484 (203) 929-8555
DRAWN:	RAC	CHECKED: CC
DATE:	06/13/13	FIGURE: 4

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LEGEND

- LOCATED SCDHS WELL
- REPAIRED SCDHS WELL
- UNLOCATED SCDHS WELL
- PROPERTY OWNERS WELL
- PIEZOMETER
- WELL(S) CONSTRUCTED FOR RI/FS
- RECOVERY WELL
- DECOMMISSIONED WELLS OR DESTROYED WELLS
- FOCUSED REMEDIATION RECOVERY WELL LOCATION

- GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
- GROUNDWATER ELEVATION IN FEET

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.

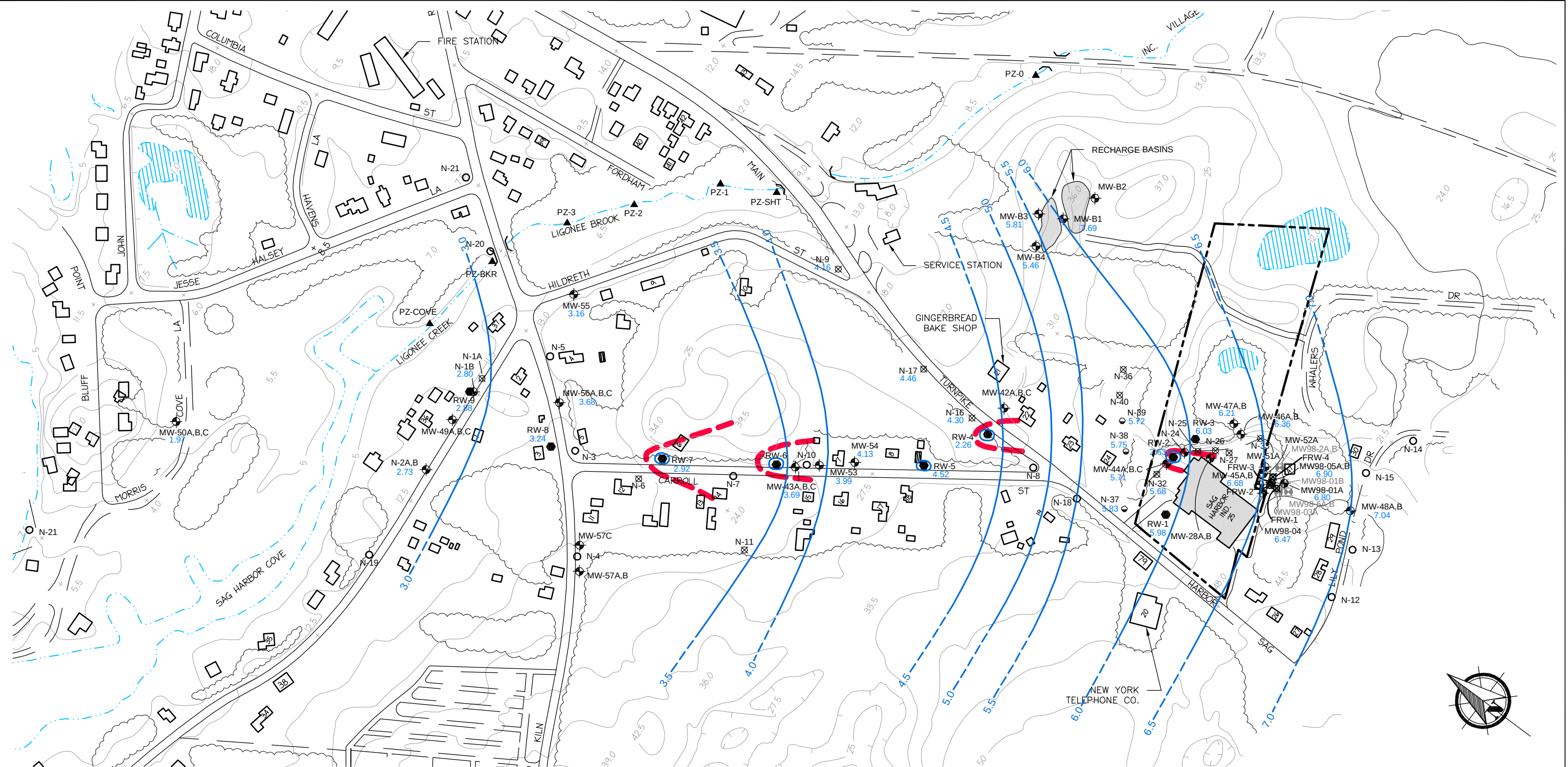
0 300
SCALE IN FEET

GROUNDWATER REMEDIAL ACTION FORMER ROWE INDUSTRIES SUPERFUND SITE SAG HARBOR, NEW YORK

SEPTEMBER 4, 2012 GROUNDWATER ELEVATION CONTOUR MAP
CONDITIONS WITHOUT FSP&T AND FP&T SYSTEMS OPERATING

DATE	REVISED	PREPARED BY:	
		LBG ENGINEERING SERVICES, P.C.	
		Professional Environmental and Civil Engineers	
		4 Research Drive	
		Suite 301	
		Shelton, Connecticut 06484	
		(203) 929-8555	
DRAWN:	RAC	CHECKED:	CC
DATE:	06/13/13	FIGURE:	5

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LEGEND

- LOCATED SCDHS WELL
- REPAIRED SCDHS WELL
- UNLOCATED SCDHS WELL
- PROPERTY OWNERS WELL
- PIEZOMETER
- WELL(S) CONSTRUCTED FOR RI/FS
- RECOVERY WELL
- DECOMMISSIONED WELLS OR DESTROYED WELLS
- FOCUSED REMEDIATION RECOVERY WELL LOCATION

- GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
- GROUNDWATER ELEVATION IN FEET
- CAPTURE ZONE

NOTE:
1. MW98 MONITOR WELL LOCATIONS ARE APPROXIMATE.
2. RW-3, RW-5, RW-8 AND RW-9 WERE SHUT DOWN FOLLOWING WELL REHABILITATION DURING APRIL AND MAY 2012

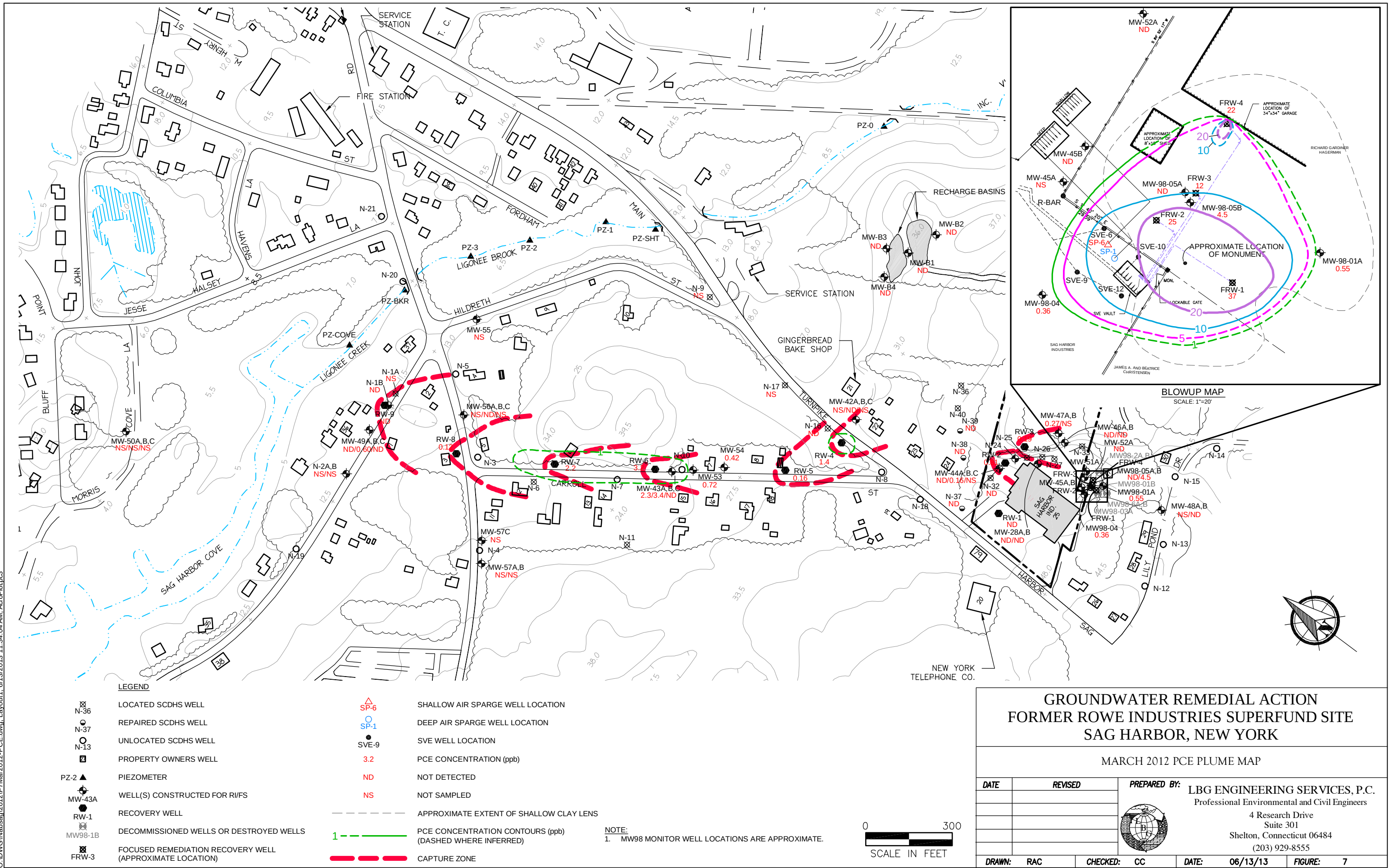


GROUNDWATER REMEDIAL ACTION FORMER ROWE INDUSTRIES SUPERFUND SITE SAG HARBOR, NEW YORK

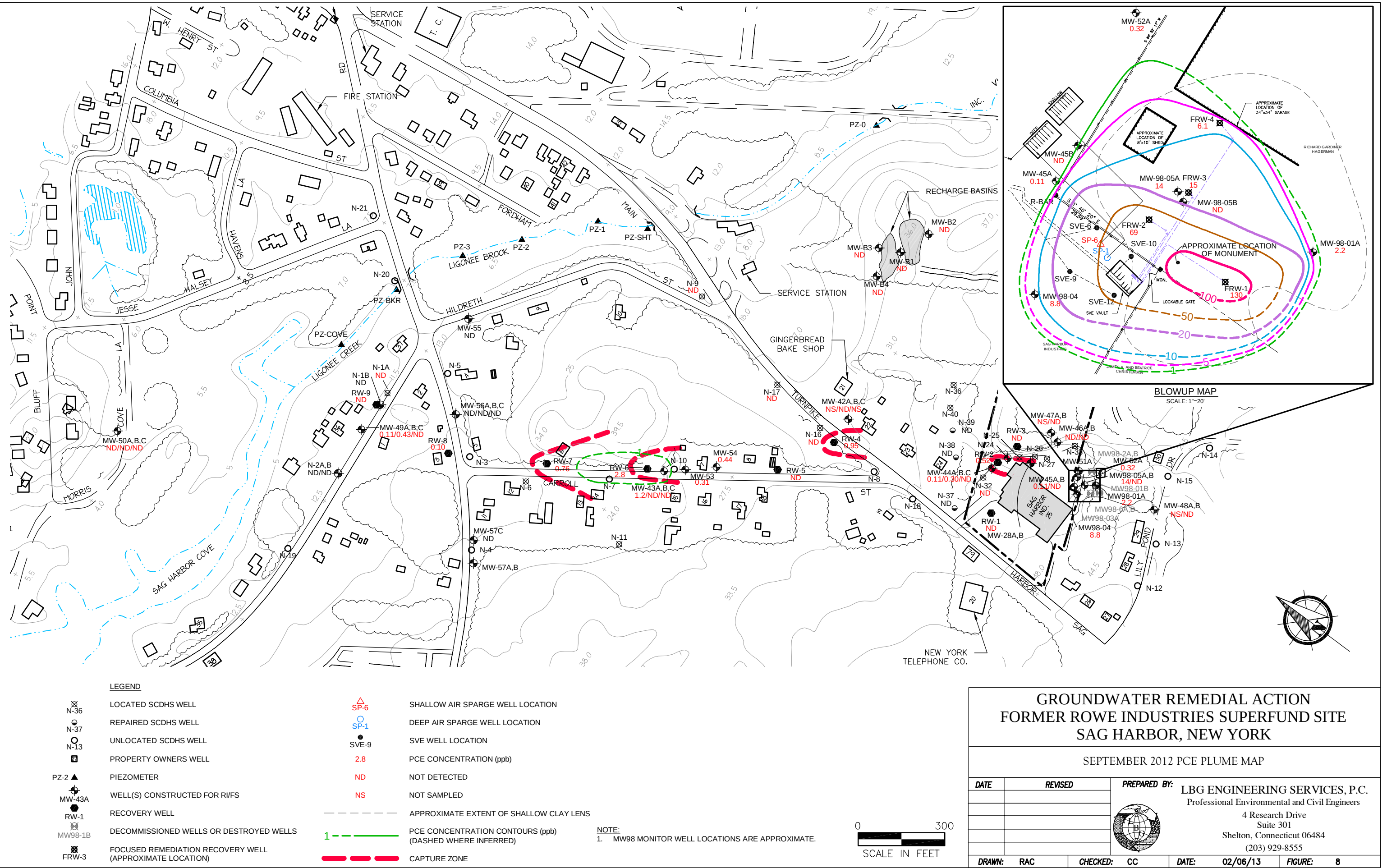
SEPTEMBER 20, 2012 GROUNDWATER ELEVATION CONTOUR MAP AND CAPTURE ZONE, CONDITIONS WITH FSP&T AND FP&T SYSTEMS OPERATING

DATE	REVISED	PREPARED BY:
		LBG ENGINEERING SERVICES, P.C. Professional Environmental and Civil Engineers 4 Research Drive Suite 301 Shelton, Connecticut 06484 (203) 929-8555
DRAWN:	RAC	CHECKED: CC
DATE:	06/13/13	FIGURE: 6

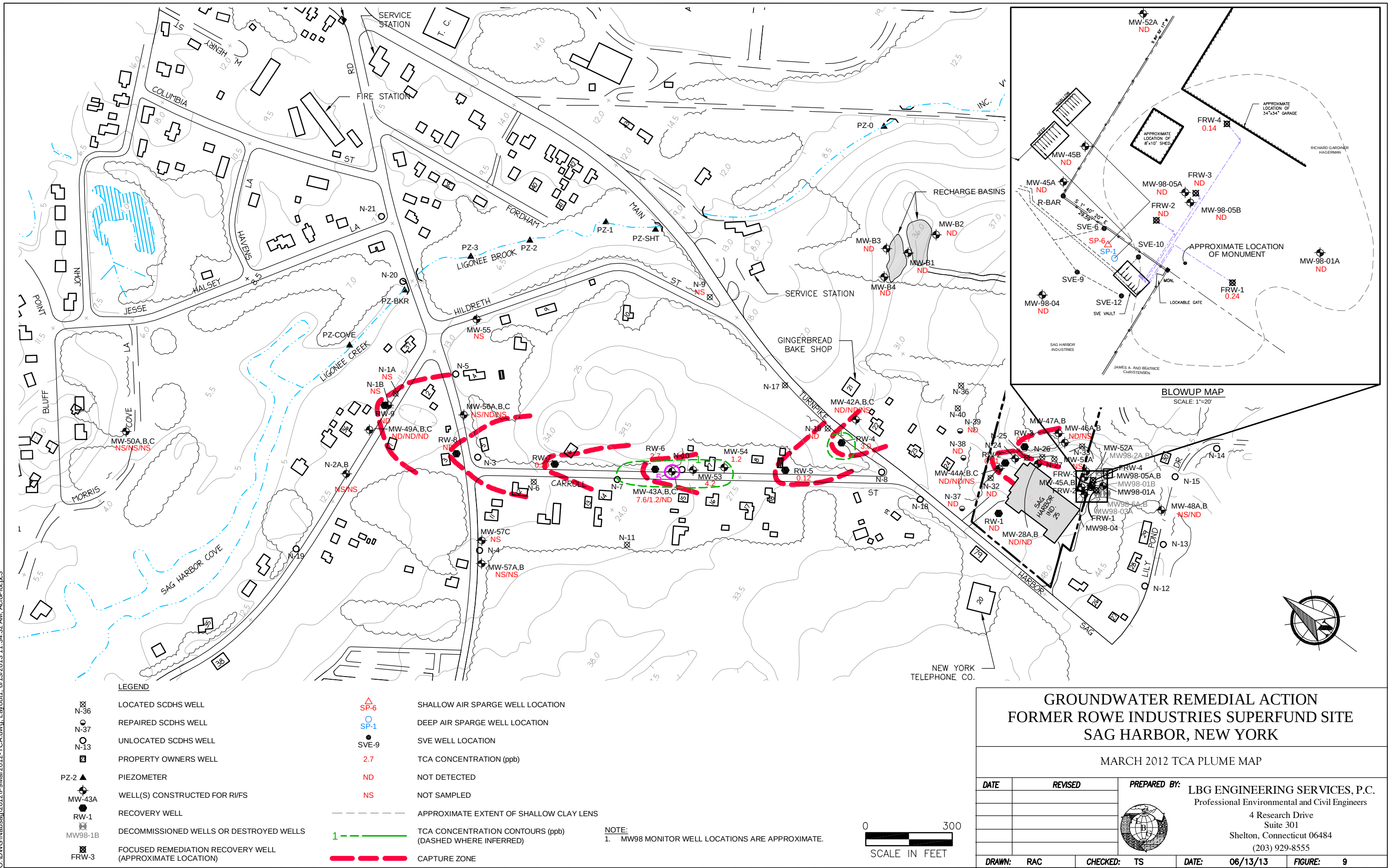
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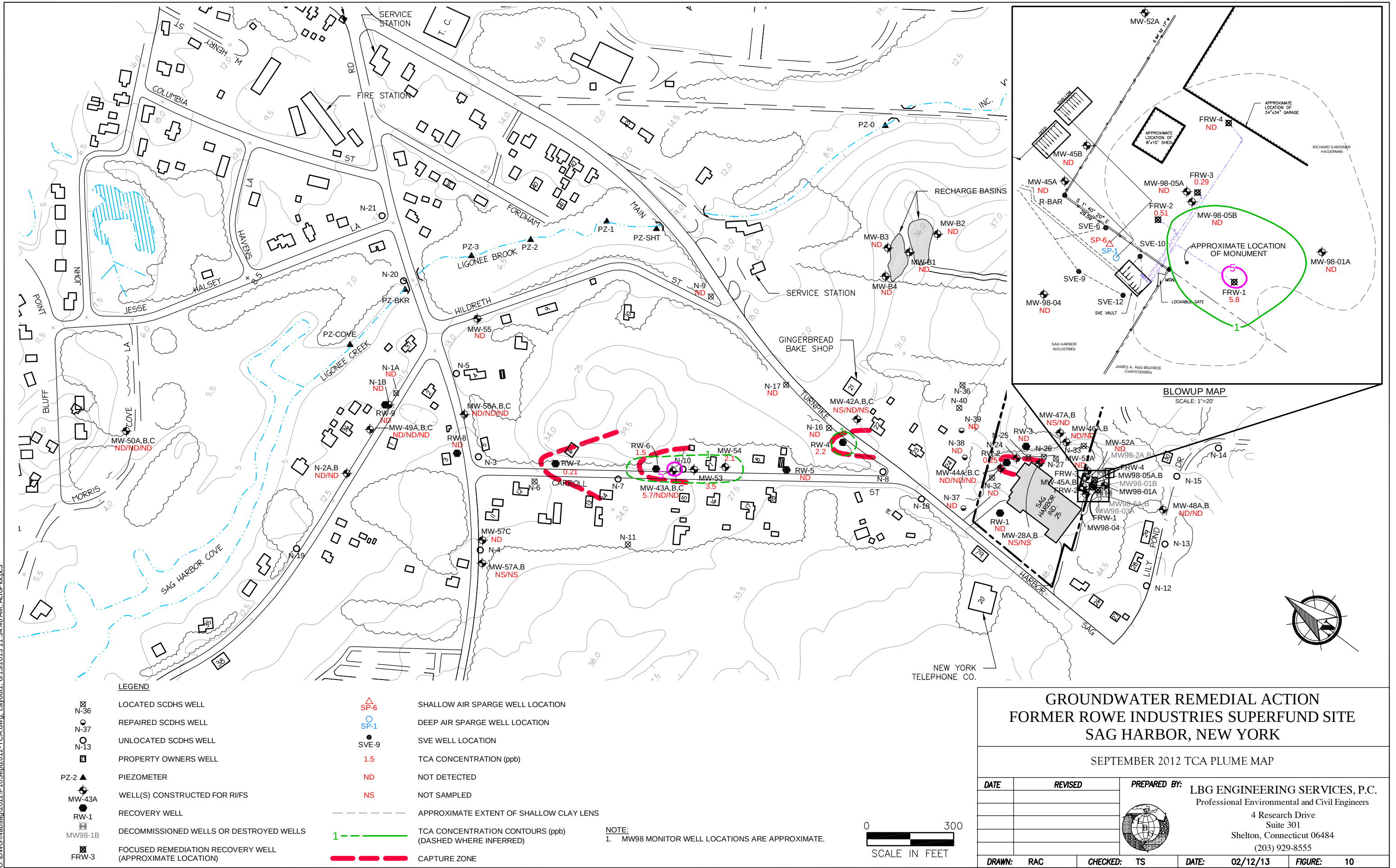
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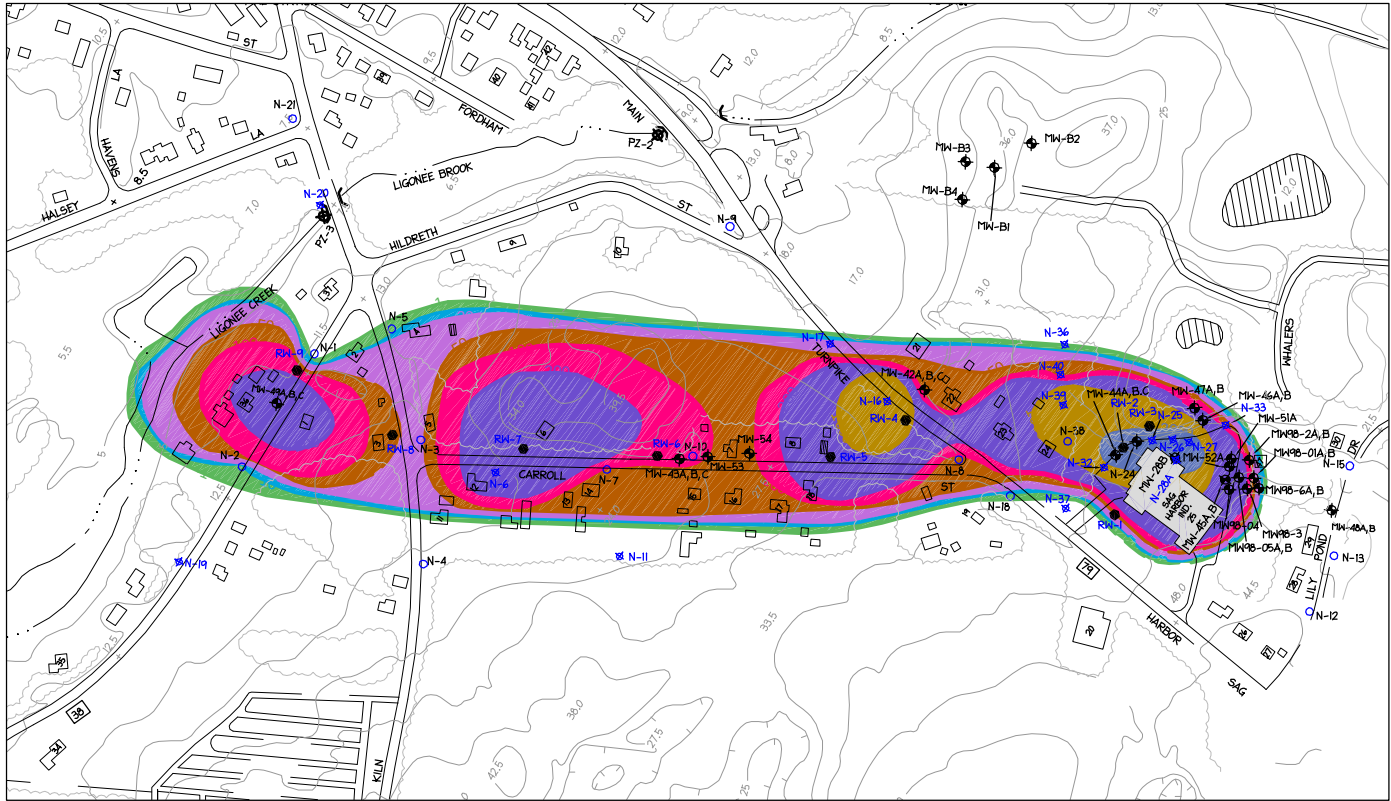


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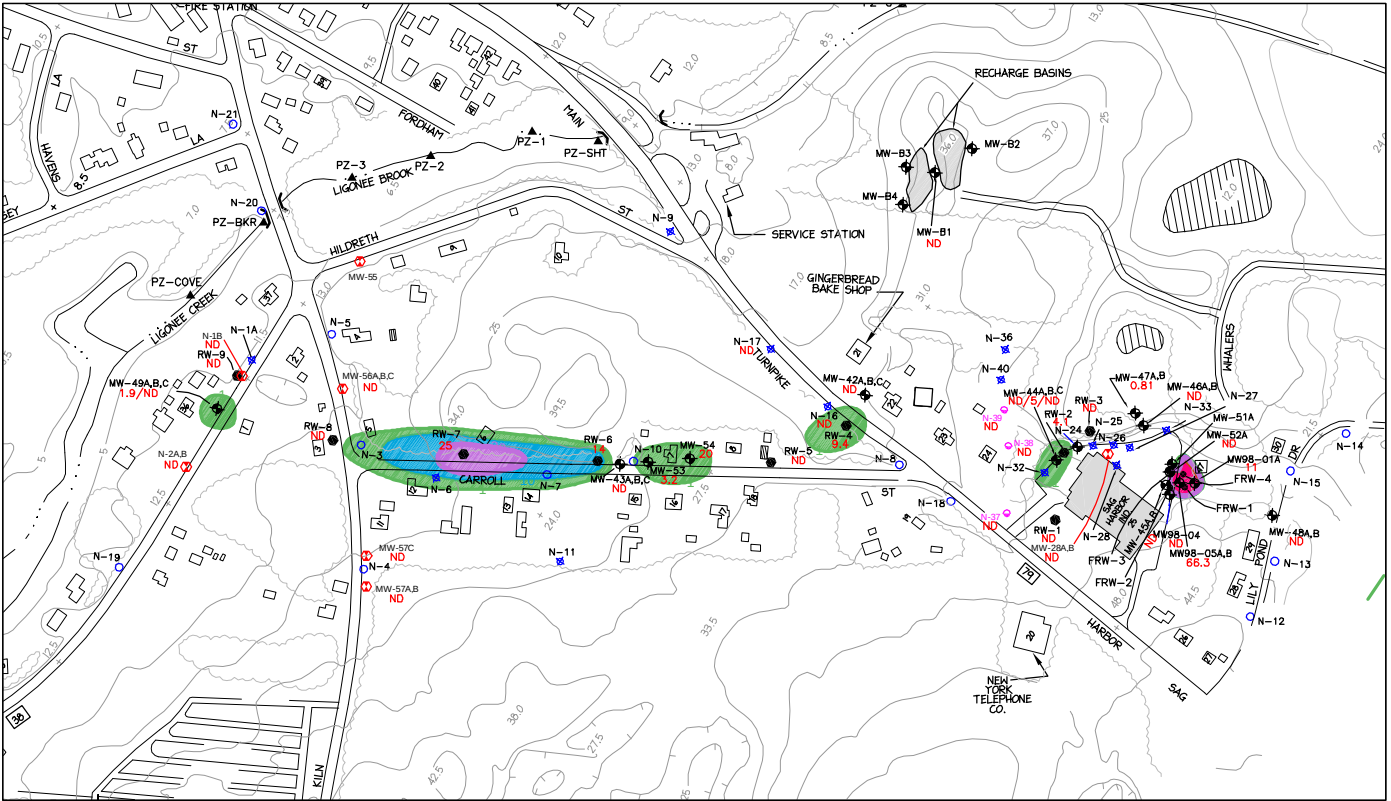


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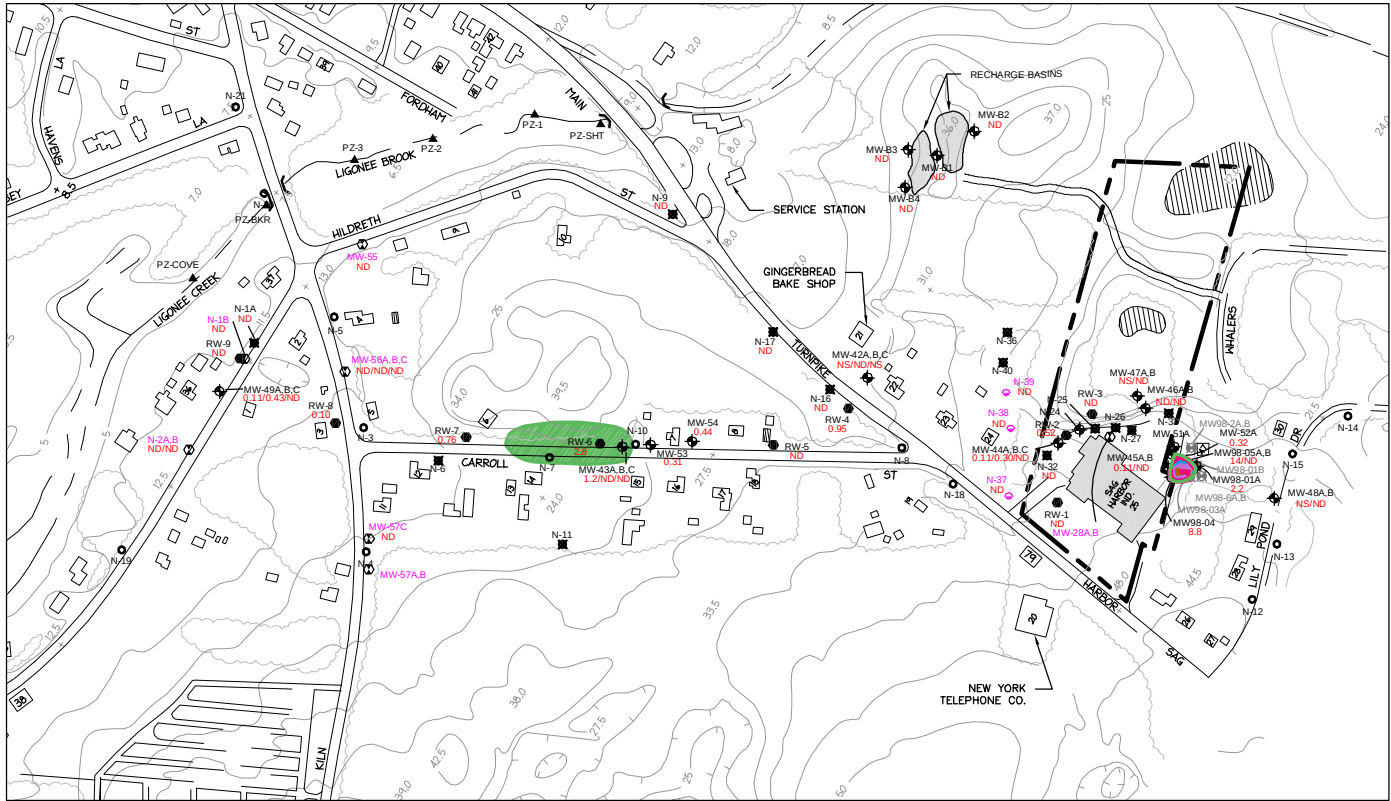




PRE-REMEDIATION PCE PLUME MAP - 2002



OCTOBER 2007 PCE PLUME MAP



SEPTEMBER 2012 PCE PLUME MAP

LEGEND

- > 2000 ug/l
- 1000 - 2000 ug/l
- 200 - 1000 ug/l
- 100 - 200 ug/l
- 50 - 100 ug/l
- 20 - 50 ug/l
- 10 - 20 ug/l
- 1 - 10 ug /l

NOTE: THE FSP&T SYSTEM BEGAN OPERATION ON DECEMBER 17, 2002.

GROUNDWATER REMEDIAL ACTION FORMER ROWE INDUSTRIES SUPERFUND SITE SAG HARBOR, NEW YORK				
PRE-REMEDIATION AND OCTOBER 2007 AND SEPTEMBER 2012 PCE PLUME MAPS				
DATE	REVISED	PREPARED BY: LBG ENGINEERING SERVICES, P.C. Professional Environmental and Civil Engineers		
		4 Research Drive Suite 301 Shelton, Connecticut 06484 (203) 929-8555		
DRAWN:	RAC	CHECKED:	TS	DATE: 02/12/13
				FIGURE: 11

APPENDIX A

Recovery Well Rehabilitation-2012

DRAFT

**RECOVERY WELL REHABILITATION - 2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

Prepared For:

Kraft Foods Group, Inc.

February 2013

Prepared By:

LEGGETTE BRASHEARS & GRAHAM, INC.
Professional Groundwater and Environmental Engineering Services
4 Research Drive, Suite 301
Shelton, CT 06484

DRAFT

RECOVERY WELL REHABILITATION - 2012 GROUNDWATER REMEDIAL ACTION ROWE INDUSTRIES SUPERFUND SITE SAG HARBOR, NEW YORK

INTRODUCTION

The results of the recovery well rehabilitation program completed in 2012 at the Rowe Industries Superfund Site in Sag Harbor, New York are presented and discussed below. Recovery wells RW-2, 3, 4, 5, 6, 7, 8 and 9 were rehabilitated between April 23, 2012 and May 29, 2012 by Alpine Environmental, LLC (Alpine). All well rehabilitation work was completed under the supervision of Leggette, Brashears & Graham, Inc. (LBG). The rehabilitation was completed in accordance with the approved scope of work outlined in the *“Scope of Work for 2012 Well Rehabilitation, Rowe Industries Superfund Site, Sag Harbor, New York.”* (LBG, April 2012).

The purpose of the rehabilitation program is to address the biofouling and iron bacteria encrustation problems documented in the report titled *“Recovery Well Performance Evaluation, and Rehabilitation Plan, Rowe Industries Superfund Site, Sag Harbor, New York”* (LBG, April 2004) and improve the yield of each of the noted recovery wells. An inspection and service (if needed) of the installed pumps was also completed. Eight of the nine recovery wells were rehabilitated using the procedure(s) outlined below. The operation of RW-1 was discontinued on July 13, 2005 because the Contaminants of Concern (COCs) were not detected during monitoring conducted for a three-year period prior to the shutdown. The COCs have not been detected since the shutdown and, therefore, operation (and any associated rehabilitation) has not been necessary for RW-1. Recovery wells RW-3, RW-5, RW-8 and RW-9 were shut down following the 2012 well rehabilitation because COCs were not detected for a minimum of three years. A *“Limited Recovery Well Shutdown Plan”* (LBG, April 27, 2012) was prepared, and subsequently approved by the New York State Department of Environmental Conservation (NYSDEC) on March 7, 2012 and the United States Environmental Protection Agency (EPA) on May 1, 2012. The plan includes requirements for monitoring these recovery wells and conditions for restarting such wells should conditions warrant such actions.

The effectiveness of the rehabilitation effort was evaluated by comparing the change in specific capacities as measured before and after treatment. Specific capacity (SC) is the yield of the well in gallons per minute (gpm) per foot of drawdown of the water level in the well. An increase in a well's specific capacity would indicate that the water transmitting capability of the well screen, gravel pack and surrounding formation had been restored to some extent.

For RW-3, RW-5, RW-6 and RW-7, the rehabilitation procedure consisted of mechanically brushing the screen and casing with the use of a cable tool rig, removing sediment from the well sump, and then surging and pumping; evacuating at least 10 volumes of water during the process. The rehabilitation procedure for RW-2, 4, 8 and 9 consisted of mechanically brushing the well screens with the use of a cable tool rig, removing sediment from the well sumps and chemical treatment (in combination with physical surging) using Unacid™ Granular Acid and Catalyst.

In order to evaluate the effectiveness of the treatment process, brief 20-minute pumping tests were conducted before and after rehabilitation efforts in order to determine the specific capacities from which to evaluate the effectiveness of the treatment process. Table 1 shows the volume of rehabilitation chemicals used and wastewater generated for each recovery well during the rehabilitation process. The quantity of chemicals necessary for rehabilitation of each well was calculated based on the volume of standing groundwater in each well. The SC data collected from the pumping tests are presented in tables 2 through 9 and graphs 1 through 8.

A brief discussion of rehabilitation efforts at each recovery well is presented below.

Rehabilitation Procedures with the use of Unacid™

Recovery wells RW-2, 4, 8 and 9 were rehabilitated using Unacid™ Granular Acid (Acid) and Catalyst, and mechanical processes of brushing the well screens and surging the wells with two sets of double surge blocks. The purpose of brushing was to remove encrustation from the screen. Unacid™ Granular Acid was used to remove the encrusted scaling that protects the bio-fouling bacteria. Catalyst was used to loosen the encrustation in the well and the surrounding aquifer. The surging action disperses the acid and Catalyst in the surrounding aquifer.

These recovery wells were rehabilitated using the following procedures. The existing pumps were offset prior to the down-hole video inspection. Following the down-hole video

inspection the pumps were removed, dismantled, the iron bacteria encrustation was cleaned from the pump, and the pump and riser pipes were soaked in a thirty percent solution of Unacid™ Granular Acid/Catalyst immersion bath for approximately 24 hours. After the acid bath, the pump and riser pipes were brushed and rinsed with potable water. After rising, the pump was inspected and reassembled after any necessary repairs or replacements were completed.

The initial 20-minute pumping tests, conducted with a test pump, were followed by 60 minutes of physical screen cleaning with a 2-foot long, snug-fitting nylon brush. The physical screen-cleaning phase included removing biological materials and other encrustation from the wells. The well sumps were then cleaned with a vacuum truck. By removing as much of the material as possible from the wells by mechanical means, smaller quantities of chemicals were subsequently required to rehabilitate the wells. The debris generated during physical cleaning was removed from the wells before the introduction of any chemicals.

The physical cleaning was followed by the initial introduction of Unacid™ Granular Acid and Catalyst. These products were introduced to reduce the pH to below 2; a pH unfavorable for Iron Related Bacteria (IRB), Sulfate Reducing Bacteria (SRB) and Heterotrophic Aerobic Bacteria (HAB). These bacteria were determined to exist in the wells during a previous study and were discussed in the Recovery Well Performance Evaluation (LBG, 2004). The acid and Catalyst were introduced at the top of the water column then surged into the formation with the use of two sets of double surge blocks set 10 feet apart. The pH was monitored every one to two hours over the one to three day surging period. If the pH increased, a predetermined amount of acid was introduced to adjust the pH to 2 or lower. The volume of acid added and the number of pH adjustments are summarized in table 1. Discontinuation of acid treatment was determined by color, turbidity or the ability of groundwater to maintain a low pH. Following surging activities during the period of acid treatment, the recovery wells were pumped to remove the chemicals that were introduced to the wells and solids sediments that were pulled into the wells due to the surging action, and until the pH increased to levels approaching background (typically a pH of approximately 5 to 6).

Following acid treatment, post-rehabilitation aquifer pumping tests and down-hole video logs were completed to evaluate the effectiveness of the rehabilitation efforts. The serviced pumps or replacement pumps were then reinstalled and the recovery wells RW-2 and RW-4 were placed back into operation. Following the completion of the rehabilitation of RW-8 and RW-9,

the cleaned down-well materials (i.e. riser pipes, pumps, PVC drop pipes, etc.) were stored in a secure location at the Sag Harbor Industries (SHI) property in a state of readiness in the event that rebound of COC's necessitates a restart of groundwater extraction from RW-8 and RW-9 as described in the Limited Recovery Well Shutdown Plan. All water generated during the rehabilitation process was stored in a ten thousand gallon temporary holding tank, where the pH of the water was neutralized. After the water was neutralized, it was transferred from the holding tank to the full-scale pump and treat (FSP&T) system where the water was treated and discharged to the recharge basins. The sediment and sludge that settled to the bottom of the temporary holding tank was transported off site by Alpine and disposed of as hazardous waste at a state-licensed facility. Photocopies of the hazardous waste manifests are included in Appendix I.

Mechanical Redevelopment Procedures

Recovery wells RW-3, RW-5, RW-6 and RW-7 were rehabilitated using mechanical redevelopment only; without the use of rehabilitation chemicals. The well screen was brushed to remove any encrustation, followed by simultaneously surging with a double surge block and brushing tool, followed by pumping in order to remove fine particles.

Recovery wells RW-3, RW-5, RW-6 and RW-7 were rehabilitated using the following procedure. The existing pump was offset prior to the down-hole video inspection. The risers and pump were removed, dismantled, cleaned and the pump parts and riser pipes were soaked in a thirty percent solution of Unacid™ Granular Acid/Catalyst immersion bath for approximately 24 hours. After the acid bath, the pump and riser pipes were brushed and rinsed with potable water. After rinsing, the pump was inspected and reassembled after any necessary repairs were completed. A 20 minute pumping test then was conducted with the use of a temporary test pump to determine the pre-rehabilitation SC.

The 20-minute pumping test was followed by physical screen cleaning by simultaneously brushing/surging with a two-foot long, snug-fitting nylon brush and one to two sets of double surge blocks. The duration of the screen cleaning was based upon the severity of encrustation on the well screen determined by the pre-redevelopment down-hole video inspection, and ranged from four to six hours. The well sump was then cleaned with a vacuum truck and approximately

10 volumes of water were pumped from the well; until the turbidity of the groundwater was restored to conditions prior to treatment.

Following redevelopment, a post-redevelopment pumping test and down-hole video log were completed to evaluate the effectiveness of the redevelopment efforts. The contractor then transported the waste groundwater to the site using a vacuum truck; from which it was subsequently pumped to a temporary holding tank (frac tank). Although no chemicals were used, the pH of the water in the holding tank was monitored to insure that it was between 5.0 and 8.5 before transferring the water to the FSP&T system. Following rehabilitation of RW-6 and RW-7, the service pumps were reinstalled and the wells were placed back into operation. Following the completion of the rehabilitation of RW-3 and RW-5, the cleaned down-well materials (i.e. riser pipes, pumps, PVC drop pipes, etc.) were stored in a secure location at the Sag Harbor Industries (SHI) property in a state of readiness in the event that rebound of COC's necessitates a restart of groundwater extraction from RW-3 and RW-5.

Recovery Well No. 2

Rehabilitation of RW-2 was conducted from May 14, 2012 through May 18, 2012. The pre-rehabilitation video log showed significant clusters of very large biomass floating in the groundwater and, as a result, the screen was not visible during the pre-rehabilitation video log. As in the past, the suspended biomass appeared fluffy rather than scaly and was orange in color and increased with depth. Based on the pre-rehabilitation video logs, groundwater turbidity in the screen zone in 2012 was comparable to historical pre-rehabilitation observations, with the exception that the floating biomass appeared to be larger than in the past and increased in size with depth.

Upon removal of the riser pipe and pump, a thin coating of iron bacteria was visible on the interior and exterior of the riser pipe. An iron bacteria film and encrustation started at around 17 feet btoc (below the top of casing). The amount of film and encrustation gradually increased with depth; the casing near the pump being completely encrusted in thick iron bacteria. The pump intake screen was significantly encrusted with iron bacteria. The degree of iron bacteria encrustation was comparable to the iron bacteria encrustation observed in 2011. When the pump was removed from the well, there were burn marks on the pump motor indicating possible damage to the motor.

During the rehabilitation of RW-2, a total of 65 lbs of Unacid™ Granular Acid and five gallons of Catalyst were used. The rehabilitation process included one pH adjustment. During surging, there were no detectable odors emitted from the well; in prior years a light sulfur odor was emitted from RW-2; the sulfur odor dissipated with time. A groundwater sample was collected in a clear glass jar to observe the color and turbidity. Very slight foaming was observed on the groundwater sample collected half hour following the initial acid addition; the foaming dissipated quickly and was not observed during the additional acid adjustment. At the start of rehabilitation, the water was observed to be turbid, and have a bright yellow-green color that gradually changed to a pale yellow color/tint with little turbidity. The yellow color/tint of the groundwater suggests the presence of iron while the green color/tint of the groundwater suggests the presence of sulfates. The groundwater had a high suspended solids concentration after surging was completed. Significant quantities of sediment were removed from the recovery well before and after surging. Approximately 26,250 gallons of water were removed from RW-2 as part of the well rehabilitation activities.

During the post-rehabilitation video log, the groundwater was clearer than that observed for pre-treatment conditions and the well screen looked clean, with very slight staining remaining at the bottom two feet of the screen. The pre-rehabilitation SC was 7.6 gpm/ft (at 26 gpm) and the post-rehabilitation SC was 9.8 gpm/ft (at 27 gpm); an increase of 2.2 gpm/ft. These values are consistent with the historically documented results following rehabilitation of RW-2 and are greater than the SC of 4.8 gpm/ft (at 41 gpm) for RW-2 when it was first constructed, however, a direct comparison of SC at well construction and current operating conditions should be evaluated with caution because the SC was calculated at different pumping rates. The 27 gpm pumping rate was chosen for this evaluation in order to generate comparable data to previous well rehabilitation activities and the downloaded monthly data for SC monitoring. Historical pre- and post-rehabilitation SCs are summarized on table 2 and graph 1.

The SC values in 2012 suggest that some of the transmitting capability of the well screen, gravel pack and surrounding formation have been restored. Although the yield of the well was not at a critical point that required rehabilitation, the routine O&M to remove iron encrustation is a prudent action to prevent the deterioration of well performance and should be continued annually.

Recovery Well No. 3

Rehabilitation of RW-3 was conducted from May 21, 2012 to May 22, 2012. The pre-rehabilitation video log showed significant clusters of large white and orange biomass floating in the groundwater and, as a result, the screen was not visible during the pre-rehabilitation video log. There seemed to be an increase in the observed suspended biomass when compared to observations during prior rehabilitation efforts.

Upon removal of the riser pipe and pump, a thin coating of iron bacteria was visible on the interior and exterior of the riser pipe; at approximately 15 feet btoe the iron bacteria also included some black material. The pump intake screen was coated with iron bacteria, but it was not encrusted, completely covered or blocked as observed in the wells with a significant iron bacteria problem (i.e. RW-2 or RW-4). The degree of iron bacteria encrustation was comparable to the iron bacteria encrustation observed during previous rehabilitation efforts.

Following a pre-treatment pumping test, sediment was evacuated from the sump. Treatment then alternated between brushing, surging and pumping out sediment, which lasted for a total of 6-hours. The water was initially an orange-brown color and very turbid; however, with continued brushing/surging and evacuation, the color changed to mainly orange and stayed very turbid. At the completion of the treatment approximately 10 well volumes of groundwater were pumped from the well. Observations from the post-rehabilitation video log revealed less turbidity, smaller suspended biomass and a well screen that was clean and free of mineral scale.

The pre-rehabilitation SC was 26.5 gpm/ft (at 25 gpm), this SC was comparable to historically calculated pre-rehabilitation SCs. The post-rehabilitation SC was 25.6 gpm/ft (at 26 gpm) resulting in a very slight decrease in SC attributable to the slight difference in the pumping rates during the test. When comparing the pre and post-rehabilitation SC there was no notable change. Also the pre-rehabilitation specific capacity of 26.5 gpm/ft was higher than the SC of 21.7 gpm/ft (at 31 gpm) following construction in 2000. Following the completion of the RW-3 well rehabilitation, and cleaning of the down-well materials (i.e. riser pipes, pumps, PVC drop pipes, etc.) the materials were stored at a secure location on the SHI property and the top of casing was sealed with an oil/water tight-aluminum well cap.

Recovery Well No. 4

Rehabilitation of RW-4 was conducted from May 7, 2012 through May 10, 2012. The pre-rehabilitation video log showed significant amounts of suspended biomass, and due to high turbidity and the amount of suspended biomass, the well screen was not visible.

After removing the riser pipe and pump, an iron coating was visible on the interior and exterior of the riser pipe and the thickness of the iron coating increased with depth. The pump was coated with iron and the pump intake had some iron encrustation and sediment buildup. When the pump was removed from the well, there were burn marks on the pump motor indicating possible damage to the motor.

During the rehabilitation of RW-4, a total of 65 lbs of Unacid™ Granular Acid and five gallons of Catalyst were used. The process included one pH adjustment. The measured pre-treatment, background pH was 5.95; this pH is notably greater than the measured background pH of 4.7 and 5.0 during the 2011 and 2010 well rehabilitation events, respectively. Also it required fewer pH adjustments to depress the pH than in previous rehabilitation efforts. The groundwater was very turbid with a green tint after the initial dose of acid. The green tint changed to a light yellow-green color during the second day of surging and the turbidity decreased during all three days of surging. No odor or foaming was observed during the rehabilitation of RW-4. The green color/tint of the groundwater suggested the presence of sulfate and the yellow color/tint suggests the presence of iron. Approximately 25,620 gallons of water were generated during the rehabilitation of RW-4.

Observations from the post-rehabilitation video log revealed very low turbidity compared to the pre-rehabilitation video, and no encrustation on the screen or risers. The majority of the well screen and joints looked clean as if new, with the exception of a small area on one side of the bottom 10-feet of screen, where some light orange staining remained. The pre-rehabilitation SC was 12.9 gpm/ft (at 41 gpm) and the post-rehabilitation SC was 15.7 gpm/ft (at 40 gpm); an increase of 2.8 gpm/ft. This is the lowest improvement in SC observed following well rehabilitation since the start of annual well rehabilitation efforts in 2004. Historical pre- and post-rehabilitation SCs are summarized on table 4 and graph 3. These values suggest that some of the transmitting capability of the well screen, gravel pack and surrounding formation has been successfully restored; however, even with annual well rehabilitation there appears to be a

decreasing trend in the overall SC of the well, the iron encrustation will have to continue to be addressed annually when the well is operating.

Recovery Well No. 5

Rehabilitation of RW-5 was conducted from May 23 through May 24, 2012. The pre-redevelopment video log showed some dark colored mineral deposits on the screen. Some suspended solids were observed in the water column but the screen and ribs were clearly visible. RW-5 is screened from 24 to 36 feet and 50 to 64 feet; there appeared to be less mineral deposition on the deeper screen section and the sump looked clean. The interior and exterior of the pump and riser pipe did not have an iron coating. These observations were comparable to the conditions observed during the 2010 rehabilitation of this recovery well.

The screen was simultaneously surged and brushed for approximately six hours, followed by the evacuation of a minimum of 10 well volumes of groundwater. Initially, the water was observed to be slightly silty, but then cleared up quickly. Observations from the post-rehabilitation video log indicated that the well screen and joints looked clean and free of any iron deposits.

The pre-rehabilitation SC was 39.6 gpm/ft (at 50 gpm) and the post-rehabilitation SC was 31.6 gpm/ft (at 50 gpm); a decrease of 8.0 gpm/ft. This decrease in SC immediately following redevelopment was also observed in all of the previous rehabilitation efforts (in 2006, 2008, 2010 and 2012). The 2012 post-rehabilitation SC is higher than the SC of 27.5 gpm/ft (at 55 gpm) for RW-5 when it was first constructed. Historic, pre- and post-rehabilitation SCs are summarized on table 5 and graph 4. Following the completion of the RW-5 well rehabilitation, and cleaning of the down-well materials (i.e. riser pipes, pumps, PVC drop pipes, etc.) the down well materials were stored at a secure location on the SHI property and the top of casing was sealed with an oil/water-tight aluminum well cap.

Recovery Well No. 6

Rehabilitation of RW-6 was conducted from May 24 through May 25, 2012. The pre-rehabilitation video log showed very light to no iron encrustation on the well screen. Slime bacteria was observed on the well screen. Gray slime bacteria have been observed in this well

during prior rehabilitation efforts, with the exception of 2008. The amount of slime bacteria observed during 2012 was similar to the amount observed during the 2011 rehabilitation efforts.

Very light iron coating or staining was present on the riser pipes. The gray slime bacteria encountered during previous well rehabilitation efforts was observed on the flow meter, the riser pipe, and the pump intake and pump impellers.

The screen was simultaneously surged and brushed for approximately four hours, followed by the evacuation of 13 well volumes of groundwater. Initially, the water was observed to be slightly silty, but then cleared up quickly. Observations from the post-rehabilitation video log revealed low turbidity and no gray or brown deposits on the well screen.

The pre-rehabilitation SC was 0.9 gpm/ft (at 13 gpm) and the post-rehabilitation SC was 1.8 gpm/ft (at 15 gpm). The current SC value (1.8 gpm/ft at 15 gpm) is lower than the SC of 6.9 gpm/ft (at 38 gpm) for RW-6 when it was first constructed. As previously stated in the Recovery Well Performance Evaluation (LBG, 2004), after a recovery well has lost 30 to 40 percent of its SC, it is difficult to restore a well to its optimum performance level even after rehabilitation. The SC of RW-6 in 2004 was already 86% lower than the original value and original well performance is not expected to be obtained. The rehabilitation activities in 2012 were focused on preventing further deterioration of well performance rather than restoring the SC to original values. Historic, pre- and post-rehabilitation SCs are summarized on table 6 and graph 5.

Following well rehabilitation, the average monthly groundwater drawdown decreased by approximately 13.66 feet. This decrease in drawdown is less than the decrease measured during the 2011 well rehabilitation activities; however, it is within historical ranges. When RW-6 resumed normal operation, the flow remained set to 15 gpm in order to maintain an acceptable groundwater drawdown. LBG will continue to monitor the groundwater drawdown in RW-6 and the potential for shutting down RW-6.

Recovery Well No. 7

Rehabilitation of RW-7 was conducted from May 25 through May 29, 2012. The pre-rehabilitation video log showed an increased amount of floating biomass when compared to previous observations. The water in the well was very turbid with white/orange floating biomass some of which appeared fluffy and the rest appeared fibrous. The observed biofilm on the well screen increased with depth and at approximately the last ten feet of screen the biofilm

completely covered the well screen. Upon removal of the riser pipe and pump, only trace amounts of iron were visible on the interior and exterior of the riser pipe and pump, however, a coating of gray slime bacteria covered both the inside and outside of the riser pipes and the pump.

The RW-7 screen was simultaneously surged and brushed for approximately five hours, followed by the evacuation of a minimum of 10 well volumes of groundwater. Initially, the water was observed to be slightly brown and muddy, but then cleared up quickly. Observations from the post-rehabilitation video log revealed very low turbidity. The well screen and joints looked clean and free of any mineral scale or biomass and the screen appeared to be in good condition.

The pre-rehabilitation SC was 156.1 gpm/ft (at 70 gpm) and the post-rehabilitation SC was 153.8 gpm/ft (at 69 gpm); essentially no change was observed in SC. The 2012 pre- and post-rehabilitation SC is above the SC of this well (136.4 gpm/ft at 60 gpm) when it was first constructed. Historic SCs are summarized on table 8 and graph 6.

Recovery Well No. 8

Rehabilitation of RW-8 was completed from April 30, 2012 through May 4, 2012. The pre-rehabilitation video log showed high turbidity, with large, fluffy, yellow/white suspended biomass. Upon removal of the riser pipe some iron encrustation was observed inside the riser pipe and the thickness of the encrustation increased with depth. The pump intake was completely covered with iron bacteria, and burn marks indicative of overheating were observed on the pump motor. These observations were comparable to the conditions observed during the previous rehabilitation activities at this recovery well.

During the rehabilitation of RW-8, 160 lbs of UnacidTM Granular Acid and 10 gallons of catalyst were used. The process included two pH adjustments. The initial, background pH was 6.16; this background pH is significantly greater than the background pH of 4.5 during previous well rehabilitation events. Prior to the introduction of acid the groundwater was an orange color and very turbid, however, following the addition of the acid and the start or surging the turbidity cleared up quickly, the color faded and water became clear. The initial orange color of the groundwater suggests the presence of iron. Approximately 41,490 gallons of water were generated during the rehabilitation of RW-8.

Observations from the post-rehabilitation video log revealed no turbidity and the well screen and joints were clearly visible and free of iron deposits. The pre-rehabilitation SC was 107.0 gpm/ft (at 57 gpm) and the post-rehabilitation SC was 125.0 gpm/ft (at 55 gpm); an increase of 18 gpm/ft. The post-rehabilitation value is greater than the original SC of 121.9 gpm/ft (at 77 gpm), however, a direct comparison of SC during well construction and current operating conditions should be evaluated with caution because each SC was calculated at different pumping rates. Historic, pre- and post-rehabilitation SCs are summarized on table 9 and graph 7. Following the completion of the RW-8 well rehabilitation, and cleaning of the down-well materials (i.e. riser pipes, pumps, PVC drop pipes, etc.) the down well materials were stored at a secure location on the SHI property and the top of casing was sealed with an oil/water-tight aluminum well cap.

Recovery Well No. 9

The rehabilitation of RW-9 was completed from April 23, 2012 through April 30, 2012. The pre-rehabilitation video log showed large clusters of biomass/iron suspended in the groundwater. The well screen and joints were significantly encrusted and barely visible. Encrustation and turbidity increased with depth and was comparable to observations in previous years.

Upon removal of the riser pipe and pump, iron encrustation was observed on the interior and exterior of the riser pipe. The concentration of iron bacteria encrustation was observed to increase with depth, which is similar to previous years. The pump intake area was completely covered by iron encrustation.

During the rehabilitation of RW-9, 155 lbs of UnacidTM Granular Acid and 10 gallons of Catalyst were used. The rehabilitation process included three pH adjustments. The initial, background pH was 6.01; this background pH is significantly greater than the background pH of 4.5 during previous well rehabilitation events. The initial water color was orange, which changed to a light yellow during acid treatment and then turned clear. Initially the groundwater was very turbid but the turbidity cleared as the well rehabilitation progressed. Approximately 38,428 gallons of water were generated during the rehabilitation of RW-9.

Observations from the post-rehabilitation video log revealed low turbidity. The well screen and joints looked clean, however, a trace amount of spotty staining was left on the well

screen from approximately 54 to 72 feet btoc. The pre-rehabilitation SC was 169.1 gpm/ft (at 68 gpm) and the post-rehabilitation SC was 161.8 gpm/ft (at 63 gpm); a slight decrease of 7.3 gpm/ft. The reason for the decrease is unclear, but is likely due to differences in test conditions. Historic, pre- and post-rehabilitation SCs are summarized on table 10 and graph 8.

Following the completion of the RW-9 well rehabilitation, and cleaning of the down-well materials (i.e. riser pipes, pumps, PVC drop pipes, etc.) the down-well materials were stored at a secure location on the SHI property and the top of casing was sealed with an oil/water tight aluminum well cap.

Summary and Conclusions

1. Following the conclusion of the 2012 recovery well rehabilitation RW-3, RW-5, RW-8 and RW-9 were shut down with NYDEC and USEPA approval, because COC have not been detected in groundwater samples collected from these recovery wells in over three years.
2. As shown by the improvement in SC and by visual inspections with the use of down-hole video equipment, the rehabilitation process was effective for RW-2, RW-4 and RW-8. This information indicates that the Unacid™ Granular Acid treatment continues to be effective at wells where high iron concentrations in the groundwater are present.
3. The SC in RW-6 showed a small improvement; however the main focus of the rehabilitation effort at RW-6 is to prevent further deterioration in well performance. Based on the data collected in 2012, this well's SC is being maintained effectively with the mechanical rehabilitation.
4. SC decreased slightly following well rehabilitation in RW-3, RW-5, RW-7 and RW-9. Similar decreases have been observed in prior well rehabilitation efforts and are likely due to slight differences in pumping rates between the pre- and post-rehabilitation pumping tests. The SC typically increases once the well is pumped for several days, removing more of the loosened fine materials.
5. Acid treatment will continue to be used during the rehabilitation process for RW-2 and RW-4 annually to maintain effectiveness in these areas of high iron concentration in the groundwater.
6. Based on SC and well performance tracking, RW-6 and RW-7 are scheduled for mechanical redevelopment without the use of rehabilitation chemicals annually and biennially, respectively, as warranted.
7. Well performance, pumping water level and the SC for RW-2, 4, 6 and 7 will be monitored throughout the remainder of 2013, and any modifications to the

recommended rehabilitation techniques described in this report shall be made as needed.

8. In order to keep the recovery wells operating more efficiently, the pumps in the operating wells should be removed, inspected, cleaned and serviced as necessary.

nv

June 13, 2013

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TABLES

TABLE 1

**RECOVERY WELL REHABILITATION -2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

Recovery Well Rehabilitation Treatment Volumes and Wastewater Generated Per Recovery Well - 2012

Recovery Well	Amount of Unacid™ Granular Acid for Initial Dose (lbs)	Volume of Catalyst (gallons)	Amount of Unacid™ Granular Acid for each pH Adjustment (if needed) (lbs)	Number of pH Adjustments	Total Amount of Unacid™ Granular Acid Used (lbs)	Approximate Volume of Water Generated (gallons)
RW-2	50	5	15	1	65	26,250
RW-3	NA	NA	NA	NA	NA	1,890
RW-4	50	5	15	1	65	25,620
RW-5	NA	NA	NA	NA	NA	3,180
RW-6	NA	NA	NA	NA	NA	2,270
RW-7	NA	NA	NA	NA	NA	3,830
RW-8	100	10	30	2	160	41,490
RW-9	80	10	25	3	155	38,428

NA Not applicable.

TABLE 2

**RECOVERY WELL REHABILITATION -2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

**Pre and Post Recovery Well Rehabilitation Specific Capacities
for RW-2**

Date	Specific Capacity (gpm/ft)	Pumping Rate (gpm)	Notes
5/14/1996	4.8	41	Status following installation
5/18/2004	3.0	30	Pre-rehabilitation
5/20/2004	6.2	30	Post-rehabilitation
6/3/2005	5.5	27	Pre-rehabilitation
6/8/2005	7.3	29	Post-rehabilitation
5/30/2006	9.7	26	Pre-rehabilitation
6/1/2006	13.7	27	Post-rehabilitation
5/21/2007	7.4	27	Pre-rehabilitation
5/24/2007	13.8	28	Post-rehabilitation
6/24/2008	1.3	27	Pre-rehabilitation
6/26/2008	19.2	27	Post-rehabilitation
5/4/2009	7.9	28	Pre-rehabilitation
5/7/2009	9.4	27	Post-rehabilitation
5/4/2010	6.5	28	Pre-rehabilitation
5/6/2010	9.7	28	Post-rehabilitation
4/26/2011	8.8	27	Pre-rehabilitation
4/29/2011	9.7	27	Post-rehabilitation
5/14/2012	7.6	26	Pre-rehabilitation
5/19/2012	9.8	27	Post-rehabilitation

TABLE 3

**RECOVERY WELL REHABILITATION -2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

**Pre and Post Recovery Well Rehabilitation Specific Capacities
for RW-3**

Date	Specific Capacity (gpm/ft)	Pumping Rate (gpm)	Notes
5/16/2000	21.7	31	Status following installation
6/11/2004	37.4	30	Pre-rehabilitation, brush screen and surge only.
6/11/2004	48.8	32	Post-rehabilitation, brush screen and surge only.
6/9/2005	22.1	30	Pre-rehabilitation
6/15/2005	26.3	30	Post-rehabilitation
5/30/2006	33.8	29	Pre-rehabilitation
6/2/2006	28.7	24	Post-rehabilitation
6/12/2008	22.9	25	Pre-rehabilitation
6/13/2008	26.2	25	Post-rehabilitation
9/21/2010	17.7	26	Pre-rehabilitation
9/21/2010	23.4	28	Post-rehabilitation
5/21/2012	26.5	25	Pre-rehabilitation
5/22/2012	25.6	26	Post-rehabilitation

TABLE 4

**RECOVERY WELL REHABILITATION -2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

**Pre and Post Recovery Well Rehabilitation Specific Capacities
for RW-4**

Date	Specific Capacity (gpm/ft)	Pumping Rate (gpm)	Notes
6/1/2000	21.7	40	Status following installation
6/21/2004	9.6	45	Pre-rehabilitation
6/24/2004	20.3	42	Post-rehabilitation
6/16/2005	13.0	30	Pre-rehabilitation
6/29/2005	22.1	30	Post-rehabilitation
6/6/2006	10.0	38	Pre-rehabilitation
6/9/2006	25.3	44	Post-rehabilitation
6/5/2007	23.4	40	Pre-rehabilitation
6/11/2007	37.7	40	Post-rehabilitation
6/5/2008	16.4	42	Pre-rehabilitation
6/11/2008	21.5	41	Post-rehabilitation
4/27/2009	15.1	41	Pre-rehabilitation
4/30/2009	21.2	41	Post-rehabilitation
4/12/2010	13.2	41	Pre-rehabilitation
4/15/2010	19.6	41	Post-rehabilitation
4/18/2011	12.4	41	Pre-rehabilitation
4/21/2011	19.1	41	Post-rehabilitation
5/7/2012	12.9	41	Pre-rehabilitation
5/21/2012	15.7	40	Post-rehabilitation

TABLE 5

**RECOVERY WELL REHABILITATION -2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

**Pre and Post Recovery Well Rehabilitation Specific Capacities
for RW-5**

Date	Specific Capacity (gpm/ft)	Pumping Rate (gpm)	Notes
6/1/2000	27.6	55	Status following installation
7/12/2006	43.1	57	Pre-rehabilitation
4/14/2006	42.4	56	Post-rehabilitation
6/4/2008	48.1	50	Pre-rehabilitation
6/5/2008	36.3	50	Post-rehabilitation
4/19/2010	41.3	51	Pre-rehabilitation
4/20/2010	32.1	51	Post-rehabilitation
5/23/2012	39.6	50	Pre-rehabilitation
5/24/2012	31.6	50	Post-rehabilitation

TABLE 6

**RECOVERY WELL REHABILITATION -2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

**Pre and Post Recovery Well Rehabilitation Specific Capacities
for RW-6**

Date	Specific Capacity (gpm/ft)	Pumping Rate (gpm)	Notes
6/12/1996	6.9	38	Status following installation
6/22/2004	0.9	41	Pre-rehabilitation
6/24/2004	1.0	40	Post-rehabilitation
5/24/2005	0.8	40	Pre-rehabilitation
5/26/2005	0.8	30	Post-rehabilitation
7/10/2006	1.3	40	Pre-rehabilitation
7/12/2006	0.7	26	Post-rehabilitation
5/28/2008	0.4	15	Pre-rehabilitation
6/9/2008	1.2	15	Post-rehabilitation
4/20/2010	0.6	15	Pre-rehabilitation
4/22/2010	1.7	15	Post-rehabilitation
5/11/2011	0.8	15	Pre-rehabilitation
5/12/2011	0.8	14	Post-rehabilitation
5/24/2012	0.9	13	Pre-rehabilitation
5/24/2012	1.8	15	Post-rehabilitation

TABLE 7

**RECOVERY WELL REHABILITATION -2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

RW-6 Average Drawdown and Pumping Data

Date	Average Monthly Pumping Rate for RW-6 (gpm)	Average Monthly Drawdown (ft) ^{1/}
Dec-05	17	50.29
Jan-06	15	42.36
Feb-06	15	43.53
Mar-06	15	44.54
Apr-06	15	43.41
May-06	15	43.30
Jun-06	15	42.29
July 1-10 (pre-rehabilitation)	15	40.36
July 13-31 (post-rehabilitation)	15	27.33
Aug-06	15	27.72
Sep-06	15	30.32
Oct-06	15	34.92
Nov-06	15	35.98
Dec-06	15	36.64
Jan-07	15	38.82
Feb-07	15	39.45
Mar-07	15	39.26
Apr-07	15	39.09
May-07	15	41.33
Jun-07	15	39.62
Jul-07	15	35.84
Aug-07	15	37.93
Sep-07	15	39.13
Oct-07	15	38.84
Nov-07	15	36.84
Dec-07	15	39.56

TABLE 7

**RECOVERY WELL REHABILITATION -2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

RW-6 Average Drawdown and Pumping Data

Date	Average Monthly Pumping Rate for RW-6 (gpm)	Average Monthly Drawdown (ft) ^{1/}
Jan-08	15	40.14
Feb-08	15	41.30
Mar-08	15	41.88
Apr-08	15	44.05
May-08	15	44.66
June 1-2 (pre-redevelopment)	15	45.56
June 3-30 (post-redevelopment)	15	20.81
Jul-08	15	23.63
Aug-08	15	27.62
Sep-08	15	28.28
Oct-08	15	28.55
Nov-08	15	30.00
Dec-08	15	29.67
Jan-09	15	29.44
Feb-09	15	29.28
Mar-09	15	29.10
Apr-09	15	30.74
May-09	15	31.86
Jun-09	15	30.31
Jul-09	15	28.61
Aug-09	15	31.51
Sep-09	15	32.01
Oct-09	15	32.82
Nov-09	15	33.74
Dec-09	15	32.56
Jan-10	15	36.13
Feb-10	15	37.85
Mar-10	15	36.76
April 1-16 (pre-redevelopment)	15	34.81
April 22-30 (post-redevelopment)	15	29.25
May-10	15	38.72
Jun-10	15	39.60
Jul-10	15	40.30
Aug-10	15	^{2/}
Sep-10	15	40.80
Oct-10	15	40.70
Nov-10	15	43.60
Dec-10	15	45.90

TABLE 7

**RECOVERY WELL REHABILITATION -2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

RW-6 Average Drawdown and Pumping Data

Date	Average Monthly Pumping Rate for RW-6 (gpm)	Average Monthly Drawdown (ft) ^{1/}
Jan-11	15	43.76
Feb-11	15	48.07
Mar-11	15	46.00
Apr-11	15	50.15
May 1-11 (pre-redevelopment)	15	51.07
May 12-31 (post-redevelopment)	15	25.39
Jun-11	15	28.14
Jul-11	15	31.93
Aug-11	15	33.13
Sep-11	15	34.83
Oct-11	15	35.85
Nov-11	15	36.86
Dec-11	15	37.70
Jan-12	15	36.31
Feb-12	15	36.97
Mar-12	15	37.73
Apr-12	15	39.11
May 1-24 (pre-redevelopment)	15	39.67
May 25-31 (post-redevelopment)	15	26.01
Jun-12	15	29.38
Jul-12	15	31.74
Aug-12	15	33.64
Sep-12	15	35.62
Oct-12	15	37.84
Nov-12	15	37.98
Dec-12	15	38.50

Notes:

1. Drawdown numbers are computed and downloaded every hour to the main computer based on pressure transducer readings and the most recent static depth-to-water measurement for the well.

TABLE 8

**RECOVERY WELL REHABILITATION -2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

**Pre and Post Recovery Well Rehabilitation Specific Capacities
for RW-7**

Date	Specific Capacity (gpm/ft)	Pumping Rate (gpm)	Notes
7/25/2000	136.4	60	Status following installation
6/7/2004	98.8	49.4	Pre-rehabilitation
6/9/2004	113.7	73.9	Post-rehabilitation
6/30/2005	150.0	51	Pre-rehabilitation
7/6/2005	119.2	49	Post-rehabilitation
7/17/2006	127.3	70	Pre-rehabilitation
7/19/2006	150.6	69	Post-rehabilitation
6/30/2008	166.8	70	Pre-rehabilitation
7/2/2008	166.9	70	Post-rehabilitation
4/22/2010	148.4	71	Pre-rehabilitation
4/27/2010	165.7	71	Post-rehabilitation
5/25/2012	156.1	70	Pre-rehabilitation
5/29/2012	153.8	69	Post-rehabilitation

TABLE 9

**RECOVERY WELL REHABILITATION -2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

**Pre and Post Recovery Well Rehabilitation Specific Capacities
for RW-8**

Date	Specific Capacity (gpm/ft)	Pumping Rate (gpm)	Notes
6/7/2000	121.9	77	Status following installation
6/2/2004	76.0	68	Pre-rehabilitation
6/10/2004	132.0	73	Post-rehabilitation
3/22/2005	98.2	55	Pre-rehabilitation
3/30/2005	175.0	56	Post-rehabilitation
6/13/2006	111.9	66	Pre-rehabilitation
6/15/2006	148.9	67	Post-rehabilitation
5/29/2007	41.4	55	Pre-rehabilitation
6/5/2007	114.6	55	Post-rehabilitation
7/7/2008	129.2	55	Pre-rehabilitation
7/10/2008	112.9	55	Post-rehabilitation
5/11/2009	71.4	44	Pre-rehabilitation
5/15/2009	121.0	43	Post-rehabilitation
5/10/2010	130.9	51	Pre-rehabilitation
5/14/2010	143.5	52	Post-rehabilitation
5/2/2011	150.8	51	Pre-rehabilitation
5/6/2011	155.4	50	Post-rehabilitation
4/30/2012	107.0	57	Pre-rehabilitation
5/4/2012	125.0	55	Post-rehabilitation

TABLE 10

**RECOVERY WELL REHABILITATION -2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK**

**Pre and Post Recovery Well Rehabilitation Specific Capacities
for RW-9**

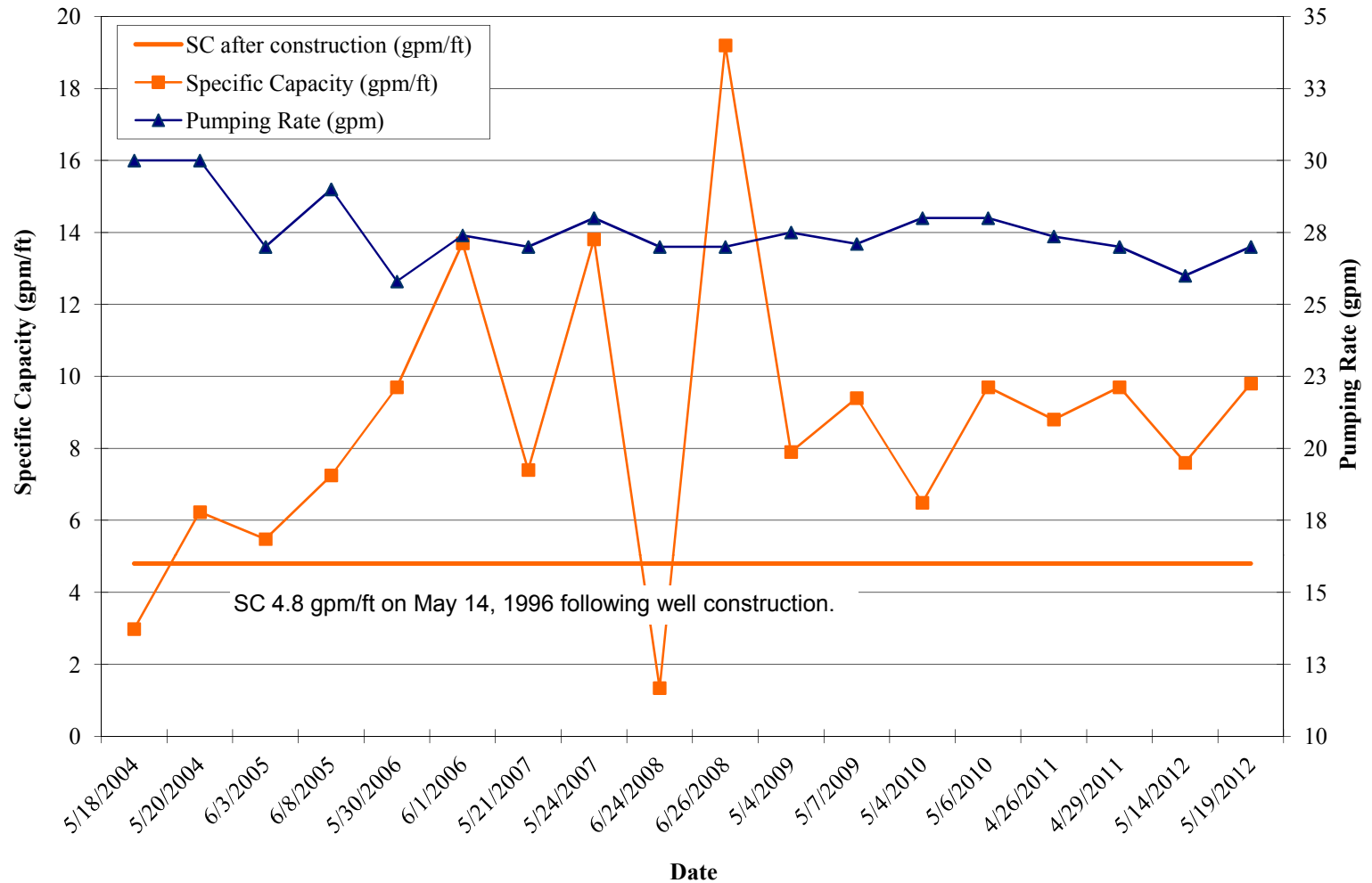
Date	Specific Capacity (gpm/ft)	Pumping Rate (gpm)	Notes
6/7/2000	174.9	75	Status following installation
5/27/2004	166.4	42	Pre-rehabilitation
6/3/2004	177.4	80	Post-rehabilitation
5/26/2005	151.5	50	Pre-rehabilitation
6/2/2005	192.6	53	Post-rehabilitation
6/20/2006	191.0	71	Pre-rehabilitation
6/22/2006	231.0	72	Post-rehabilitation
6/14/2007	194.4	70	Pre-rehabilitation
6/22/2007	189.2	70	Post-rehabilitation
6/16/2008	206.9	70	Pre-rehabilitation
6/19/2008	280.9	70	Post-rehabilitation
5/18/2009	111.0	70	Pre-rehabilitation
5/21/2009	176.0	77	Post-rehabilitation
4/26/2010	154.3	68	Pre-rehabilitation
4/30/2010	216.5	71	Post-rehabilitation
5/13/2011	169.6	71	Pre-rehabilitation
5/19/2011	242.6	70	Post-rehabilitation
4/23/2012	169.1	68	Pre-rehabilitation
4/27/2012	161.8	63	Post-rehabilitation

GRAPHS

GRAPH 1

RECOVERY WELL REHABILITATION - 2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

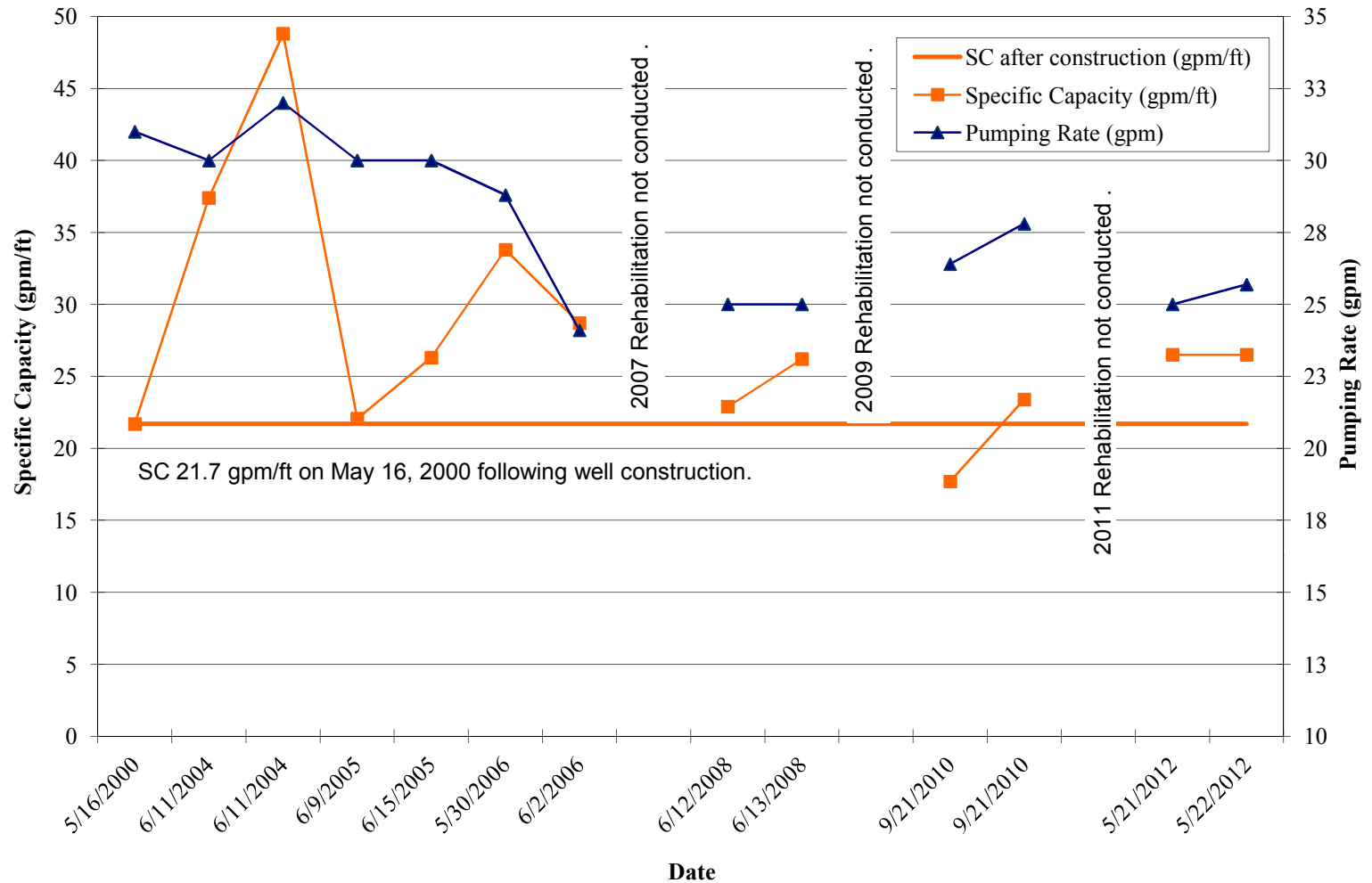
RW-2 Rehabilitation Results



GRAPH 2

RECOVERY WELL REHABILITATION - 2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

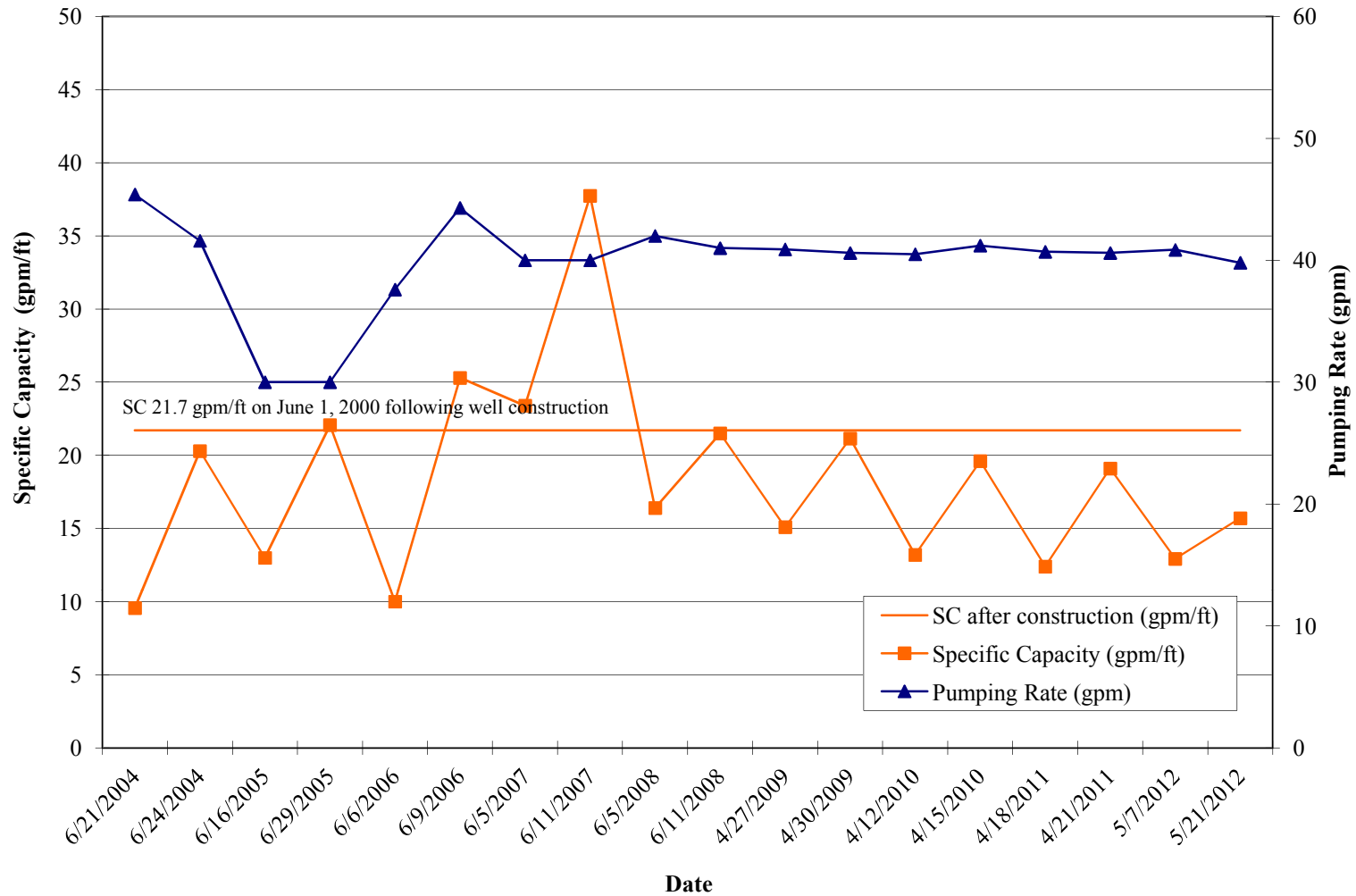
RW-3 Rehabilitation Results



GRAPH 3

RECOVERY WELL REHABILITATION - 2012 GROUNDWATER REMEDIAL ACTION ROWE INDUSTRIES SUPERFUND SITE SAG HARBOR, NEW YORK

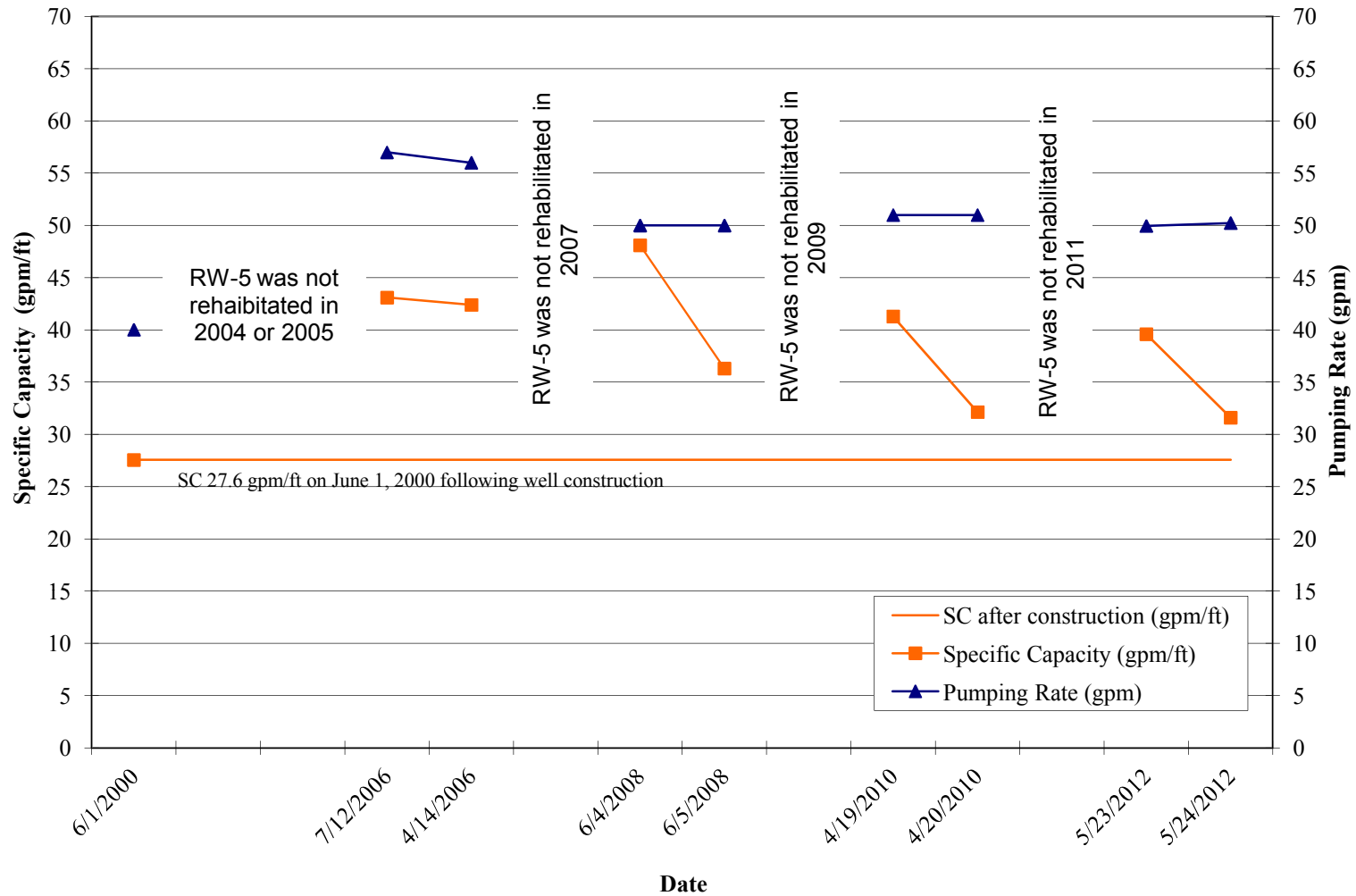
RW-4 Rehabilitation Results



GRAPH 4

RECOVERY WELL REHABILITATION - 2012 GROUNDWATER REMEDIAL ACTION ROWE INDUSTRIES SUPERFUND SITE SAG HARBOR, NEW YORK

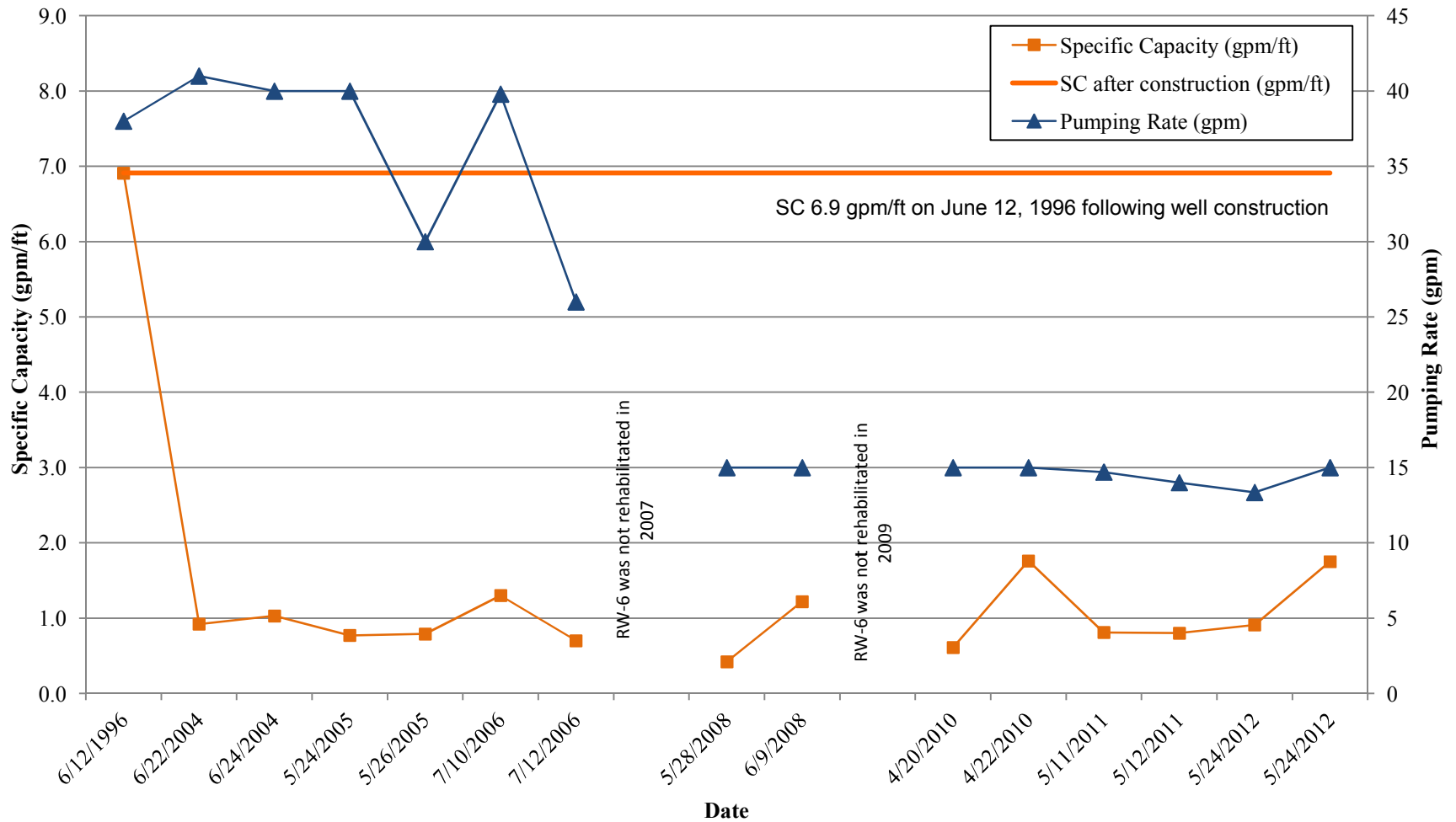
RW-5 Rehabilitation Results



GRAPH 5

RECOVERY WELL REHABILITATION - 2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

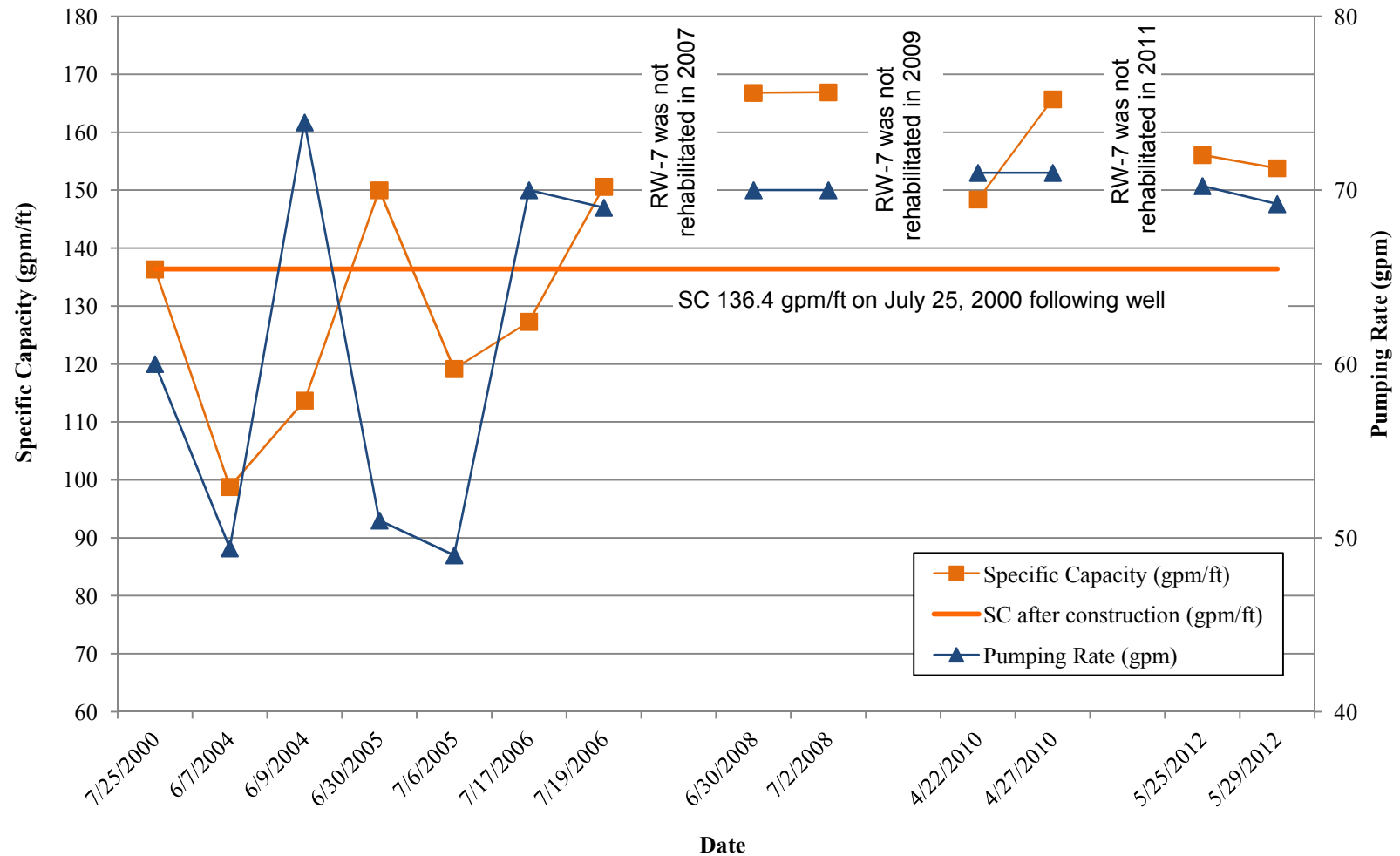
RW-6 Rehabilitation Results



GRAPH 6

RECOVERY WELL REHABILITATION - 2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

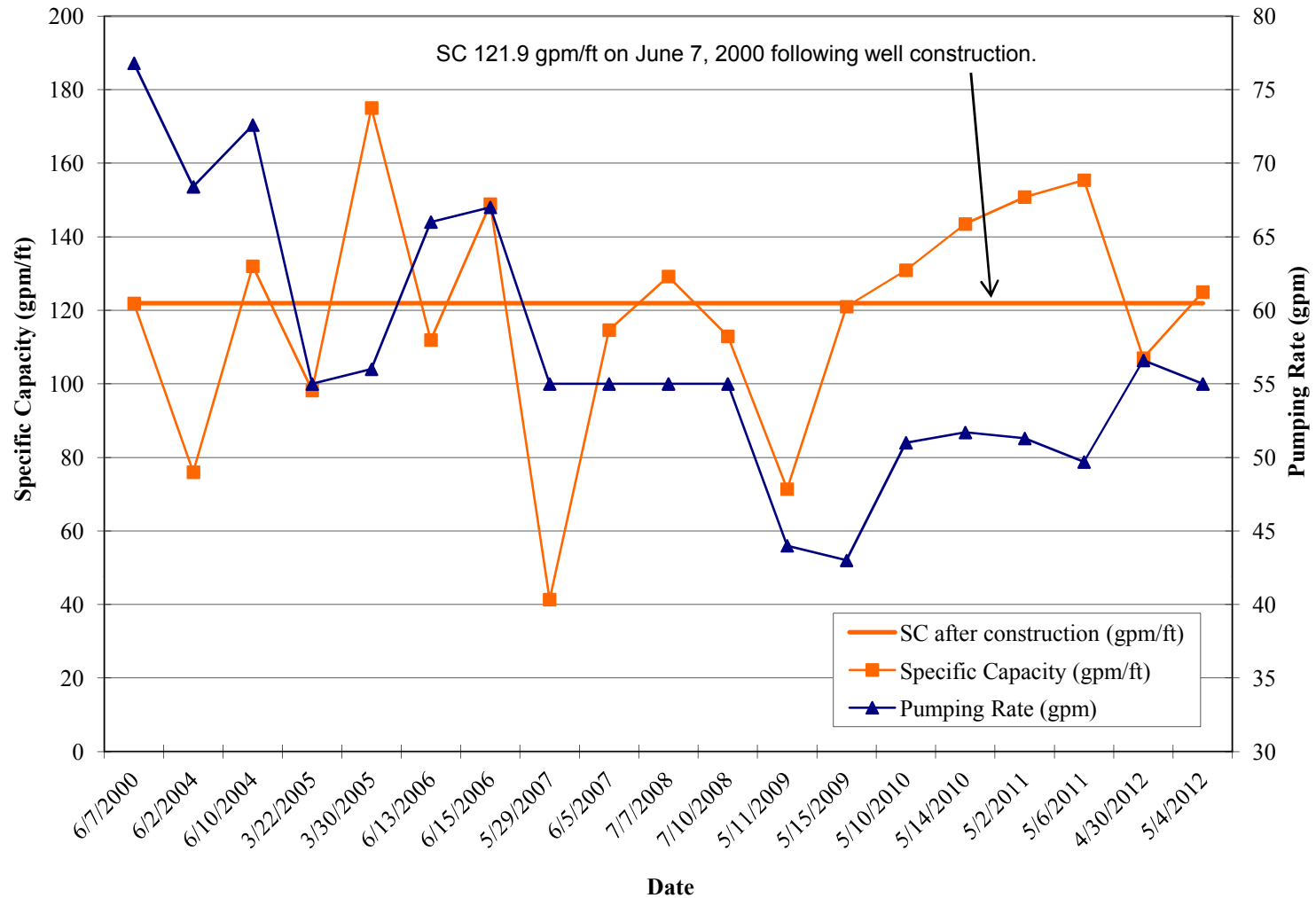
RW-7 Rehabilitation Results



GRAPH 7

RECOVERY WELL REHABILITATION - 2012 GROUNDWATER REMEDIAL ACTION ROWE INDUSTRIES SUPERFUND SITE SAG HARBOR, NEW YORK

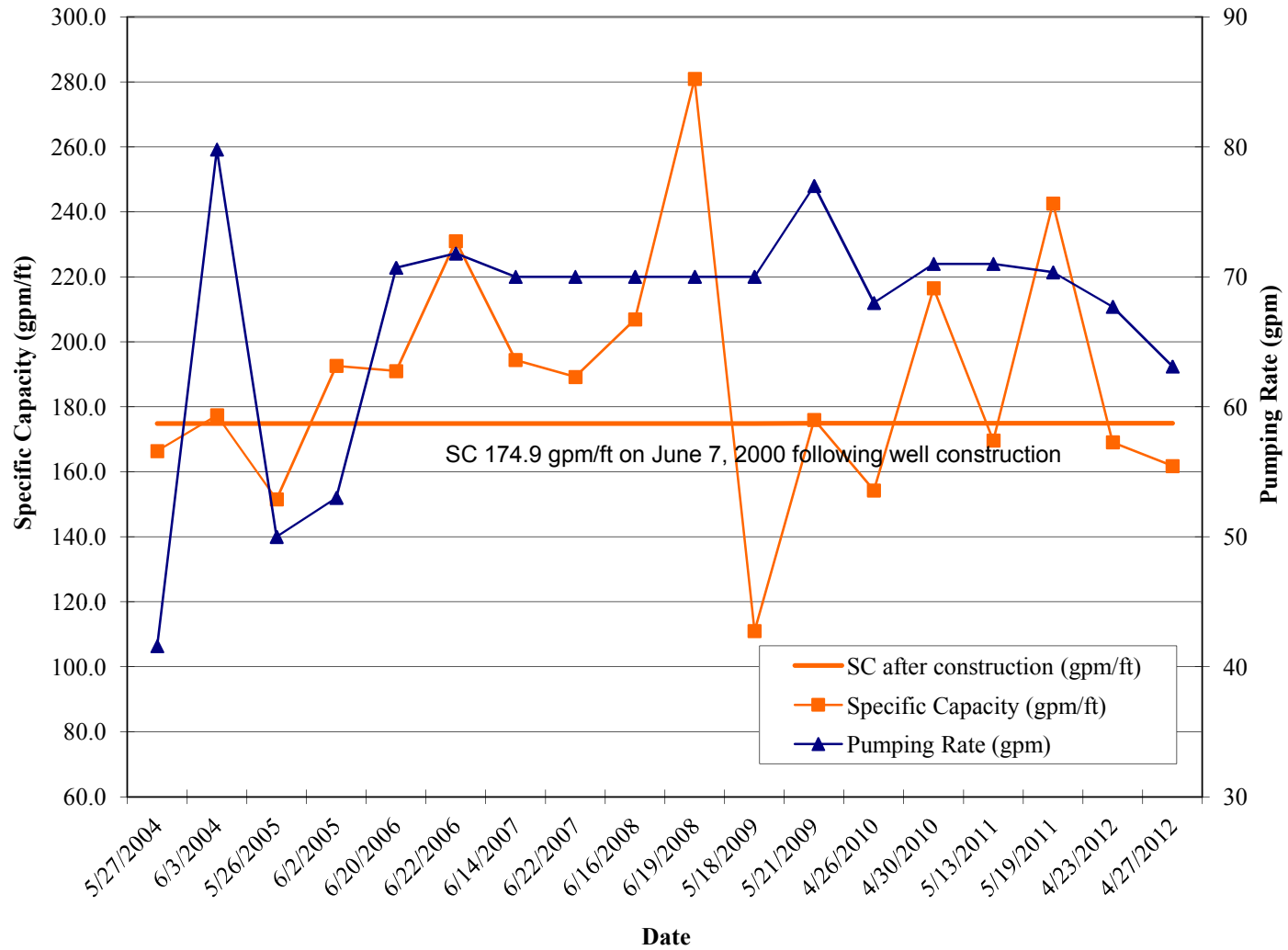
RW-8 Rehabilitation Results



GRAPH 8

RECOVERY WELL REHABILITATION - 2012
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

RW-9 Rehabilitation Results



APPENDIX I
HAZARDOUS WASTE MANIFEST

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number				
		NYR000054411	1	860-346-0027	001179409 JJK				
5. Generator's Name and Mailing Address		Former Rowe Industries c/o LBG Engineering 4 Research Dr. Ste. 301 Shelton, CT 06424 Generator's Phone: 203-922-8555		Generator's Site Address (if different than mailing address) 1668 Bridgehampton/Sag Harbor Tpk. Sag Harbor, NY 11963					
6. Transporter 1 Company Name		Alpine Environmental Services, LLC		U.S. EPA ID Number CTR000510388					
7. Transporter 2 Company Name				U.S. EPA ID Number					
8. Designated Facility Name and Site Address		Bridgeport United Recycling 50 Cross Street, Bridgeport, CT 06110 Facility's Phone: (203) 334-1666		U.S. EPA ID Number CTD0002503887					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
			No.	Type					
	1. RC, Hazardous Waste, Liquid, W.O.S. (Tetrachloroethylene) 9, NA3082, MC111		1	TT	1357	G	F001 0039		
	2.								
	3.								
4.									
14. Special Handling Instructions and Additional Information 1. 2647DLS Job #1015									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name				Signature		Month	Day	Year	
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
TRANSPORTER	Transporter 1 Printed/Typed Name				Signature		Month	Day	Year
	Transporter 2 Printed/Typed Name				Signature		Month	Day	Year
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
	Manifest Reference Number:								
	18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator) Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1.		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name				Signature		Month	Day	Year	

APPENDIX B

March and September 2012 Groundwater Laboratory Reports (On CD in attached pocket)



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 04/02/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12C0882

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/02/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12C0882

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 26, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12C0882-01	N-37	Water	03/22/2012	03/26/2012
12C0882-02	N-38	Water	03/22/2012	03/26/2012
12C0882-03	N-39	Water	03/22/2012	03/26/2012

General Notes for York Project (SDG) No.: 12C0882

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Date: 04/02/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director





Sample Information

Client Sample ID: N-37

York Sample ID: 12C0882-01

York Project (SDG) No.
12C0882

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 9:20 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS



Sample Information

Client Sample ID: N-37

York Sample ID: 12C0882-01

York Project (SDG) No.
12C0882

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 9:20 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
74-87-3	Chloromethane	0.50		ug/L	0.045	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
75-09-2	Methylene chloride	0.38	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
91-20-3	Naphthalene	0.25	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
108-88-3	Toluene	0.10	J	ug/L	0.063	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 15:25	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.7 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	90.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	94.8 %	81.2-127								



Sample Information

Client Sample ID: N-38

York Sample ID: 12C0882-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0882

Rowe Industries

Water

March 22, 2012 10:11 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS



Sample Information

Client Sample ID: N-38

York Sample ID: 12C0882-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0882

Rowe Industries

Water

March 22, 2012 10:11 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
74-87-3	Chloromethane	0.26	J	ug/L	0.045	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
75-09-2	Methylene chloride	0.60	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
91-20-3	Naphthalene	0.22	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
108-88-3	Toluene	0.13	J	ug/L	0.063	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:09	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.2 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	95.4 %	81.2-127								



Sample Information

Client Sample ID: N-39

York Sample ID: 12C0882-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0882

Rowe Industries

Water

March 22, 2012 11:08 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS



Sample Information

Client Sample ID: N-39

York Sample ID: 12C0882-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0882

Rowe Industries

Water

March 22, 2012 11:08 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
75-09-2	Methylene chloride	0.56	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
91-20-3	Naphthalene	0.15	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/31/2012 13:12	03/31/2012 16:52	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.7 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	90.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	95.8 %	81.2-127								



Analytical Batch Summary

Batch ID: BC21274

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12C0882-01	N-37	03/31/12
12C0882-02	N-38	03/31/12
12C0882-03	N-39	03/31/12
BC21274-BLK1	Blank	03/31/12
BC21274-BS1	LCS	03/31/12
BC21274-BSD1	LCS Dup	03/31/12



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits			Limit	

Batch BC21274 - EPA 5030B

Blank (BC21274-BLK1)

Prepared & Analyzed: 03/31/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	0.68	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	0.52	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	1.8	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	1.8	2.0	"
Naphthalene	1.9	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21274 - EPA 5030B

Blank (BC21274-BLK1)

Prepared & Analyzed: 03/31/2012

sec-Butylbenzene	ND	0.50	ug/L
Styrene	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4	9.30	"	10.0	93.0	72.6-129
Surrogate: p-Bromofluorobenzene	9.59	"	10.0	95.9	63.5-145
Surrogate: Toluene-d8	9.87	"	10.0	98.7	81.2-127

LCS (BC21274-BS1)

Prepared & Analyzed: 03/31/2012

1,1,1,2-Tetrachloroethane	9.58	ug/L	10.0	95.8	82.3-130
1,1,1-Trichloroethane	9.93	"	10.0	99.3	75.6-137
1,1,2,2-Tetrachloroethane	9.67	"	10.0	96.7	71.3-131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.33	"	10.0	93.3	71.1-129
1,1,2-Trichloroethane	9.88	"	10.0	98.8	74.5-129
1,1-Dichloroethane	10.5	"	10.0	105	79.6-132
1,1-Dichloroethylene	10.2	"	10.0	102	80.2-146
1,1-Dichloropropylene	14.5	"	10.0	145	75-136
1,2,3-Trichlorobenzene	9.94	"	10.0	99.4	66.1-136
1,2,3-Trichloropropane	9.49	"	10.0	94.9	63-131
1,2,4-Trichlorobenzene	10.4	"	10.0	104	70.6-136
1,2,4-Trimethylbenzene	10.2	"	10.0	102	75.3-135
1,2-Dibromo-3-chloropropane	9.00	"	10.0	90.0	58.9-140
1,2-Dibromoethane	10.5	"	10.0	105	79-130
1,2-Dichlorobenzene	9.80	"	10.0	98.0	76.1-122
1,2-Dichloroethane	10.1	"	10.0	101	74.6-132
1,2-Dichloropropane	9.81	"	10.0	98.1	76.9-129
1,3,5-Trimethylbenzene	9.86	"	10.0	98.6	70.6-127
1,3-Dichlorobenzene	9.75	"	10.0	97.5	77-124
1,3-Dichloropropane	9.36	"	10.0	93.6	75.8-126
1,4-Dichlorobenzene	9.74	"	10.0	97.4	76.6-125
2,2-Dichloropropane	10.4	"	10.0	104	69-133
2-Chlorotoluene	9.65	"	10.0	96.5	66.3-119
2-Hexanone	9.80	"	10.0	98.0	70-130
4-Chlorotoluene	9.90	"	10.0	99.0	69.2-127
Acetone	4.05	"	10.0	40.5	70-130
Benzene	10.4	"	10.0	104	76.2-129
Bromobenzene	9.75	"	10.0	97.5	71.3-123
Bromochloromethane	10.8	"	10.0	108	70.8-137
Bromodichloromethane	10.1	"	10.0	101	79.7-134
Bromoform	9.49	"	10.0	94.9	70.5-141
Bromomethane	9.53	"	10.0	95.3	43.9-147
Carbon tetrachloride	13.3	"	10.0	133	78.1-138
Chlorobenzene	9.72	"	10.0	97.2	80.4-125
Chloroethane	9.95	"	10.0	99.5	55.8-140
Chloroform	10.1	"	10.0	101	76.6-133
Chloromethane	8.45	"	10.0	84.5	48.8-115



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21274 - EPA 5030B

LCS (BC21274-BS1)

Prepared & Analyzed: 03/31/2012

cis-1,2-Dichloroethylene	10.4		ug/L	10.0		104	75.1-128				
cis-1,3-Dichloropropylene	9.53		"	10.0		95.3	74.5-128				
Dibromochloromethane	9.57		"	10.0		95.7	79.8-134				
Dibromomethane	10.0		"	10.0		100	79-130				
Dichlorodifluoromethane	7.35		"	10.0		73.5	47.1-101				
Ethyl Benzene	10.3		"	10.0		103	80.8-128				
Hexachlorobutadiene	9.52		"	10.0		95.2	64.8-128				
Isopropylbenzene	10.3		"	10.0		103	75.5-135				
Methyl tert-butyl ether (MTBE)	13.2		"	10.0		132	65.1-140				
Methylene chloride	7.64		"	10.0		76.4	61.3-120				
Naphthalene	11.1		"	10.0		111	62.3-148				
n-Butylbenzene	10.0		"	10.0		100	67.2-123				
n-Propylbenzene	9.97		"	10.0		99.7	70.5-127				
o-Xylene	9.64		"	10.0		96.4	75.9-122				
p- & m- Xylenes	19.7		"	20.0		98.4	77.7-127				
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129				
sec-Butylbenzene	9.82		"	10.0		98.2	71.5-125				
Styrene	9.95		"	10.0		99.5	77.8-123				
tert-Butylbenzene	10.6		"	10.0		106	75.9-151				
Tetrachloroethylene	9.76		"	10.0		97.6	63.6-167				
Toluene	9.95		"	10.0		99.5	77-123				
trans-1,2-Dichloroethylene	9.85		"	10.0		98.5	76.3-139				
trans-1,3-Dichloropropylene	9.80		"	10.0		98.0	72.5-137				
Trichloroethylene	9.77		"	10.0		97.7	77.9-130				
Trichlorofluoromethane	8.86		"	10.0		88.6	57.4-133				
Vinyl Chloride	8.74		"	10.0		87.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.49		"	10.0		94.9	72.6-129				
Surrogate: p-Bromofluorobenzene	9.85		"	10.0		98.5	63.5-145				
Surrogate: Toluene-d8	9.70		"	10.0		97.0	81.2-127				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BC21274 - EPA 5030B											
LCS Dup (BC21274-BSD1)				Prepared & Analyzed: 03/31/2012							
1,1,1,2-Tetrachloroethane	9.67		ug/L	10.0		96.7	82.3-130		0.935	21.1	
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137		1.30	19.7	
1,1,2,2-Tetrachloroethane	9.79		"	10.0		97.9	71.3-131		1.23	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.62		"	10.0		96.2	71.1-129		3.06	21.7	
1,1,2-Trichloroethane	9.60		"	10.0		96.0	74.5-129		2.87	20.3	
1,1-Dichloroethane	10.5		"	10.0		105	79.6-132		0.381	20.6	
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146		1.07	20	
1,1-Dichloropropylene	14.9		"	10.0		149	75-136	High Bias	3.13	19.3	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136		1.20	21.6	
1,2,3-Trichloropropane	9.53		"	10.0		95.3	63-131		0.421	23.9	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70.6-136		3.11	21.7	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	75.3-135		0.686	18.8	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	58.9-140		11.9	27.7	
1,2-Dibromoethane	10.0		"	10.0		100	79-130		4.96	23	
1,2-Dichlorobenzene	9.75		"	10.0		97.5	76.1-122		0.512	19.8	
1,2-Dichloroethane	9.52		"	10.0		95.2	74.6-132		5.62	20.2	
1,2-Dichloropropane	9.95		"	10.0		99.5	76.9-129		1.42	20.7	
1,3,5-Trimethylbenzene	9.65		"	10.0		96.5	70.6-127		2.15	18.9	
1,3-Dichlorobenzene	9.59		"	10.0		95.9	77-124		1.65	19.2	
1,3-Dichloropropane	9.50		"	10.0		95.0	75.8-126		1.48	22.1	
1,4-Dichlorobenzene	9.39		"	10.0		93.9	76.6-125		3.66	18.6	
2,2-Dichloropropane	10.2		"	10.0		102	69-133		1.75	19.8	
2-Chlorotoluene	9.09		"	10.0		90.9	66.3-119		5.98	21.6	
2-Hexanone	9.14		"	10.0		91.4	70-130		6.97	30	
4-Chlorotoluene	9.77		"	10.0		97.7	69.2-127		1.32	19	
Acetone	2.82		"	10.0		28.2	70-130	Low Bias	35.8	30	Non-dir.
Benzene	10.5		"	10.0		105	76.2-129		0.671	19	
Bromobenzene	9.61		"	10.0		96.1	71.3-123		1.45	20.3	
Bromochloromethane	10.5		"	10.0		105	70.8-137		2.64	23.9	
Bromodichloromethane	9.90		"	10.0		99.0	79.7-134		1.90	21	
Bromoform	9.55		"	10.0		95.5	70.5-141		0.630	21.8	
Bromomethane	9.69		"	10.0		96.9	43.9-147		1.66	28.4	
Carbon tetrachloride	13.0		"	10.0		130	78.1-138		1.90	20.1	
Chlorobenzene	9.63		"	10.0		96.3	80.4-125		0.930	19.9	
Chloroethane	9.91		"	10.0		99.1	55.8-140		0.403	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		1.09	20.3	
Chloromethane	8.50		"	10.0		85.0	48.8-115		0.590	24.5	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128		1.06	20.5	
cis-1,3-Dichloropropylene	9.26		"	10.0		92.6	74.5-128		2.87	19.9	
Dibromochloromethane	9.33		"	10.0		93.3	79.8-134		2.54	21.3	
Dibromomethane	9.85		"	10.0		98.5	79-130		1.81	22.4	
Dichlorodifluoromethane	7.39		"	10.0		73.9	47.1-101		0.543	23.9	
Ethyl Benzene	9.99		"	10.0		99.9	80.8-128		2.76	19.2	
Hexachlorobutadiene	9.17		"	10.0		91.7	64.8-128		3.75	20.6	
Isopropylbenzene	10.4		"	10.0		104	75.5-135		0.484	20	
Methyl tert-butyl ether (MTBE)	12.2		"	10.0		122	65.1-140		7.17	23.6	
Methylene chloride	7.33		"	10.0		73.3	61.3-120		4.14	20.4	
Naphthalene	11.3		"	10.0		113	62.3-148		1.70	27.1	
n-Butylbenzene	9.80		"	10.0		98.0	67.2-123		2.42	19.1	
n-Propylbenzene	9.96		"	10.0		99.6	70.5-127		0.100	23.4	
o-Xylene	9.50		"	10.0		95.0	75.9-122		1.46	19.3	
p- & m- Xylenes	19.2		"	20.0		96.2	77.7-127		2.26	18.6	
p-Isopropyltoluene	9.73		"	10.0		97.3	75.6-129		3.63	19.1	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21274 - EPA 5030B

LCS Dup (BC21274-BSD1)

Prepared & Analyzed: 03/31/2012

sec-Butylbenzene	9.64		ug/L	10.0		96.4	71.5-125		1.85	18.9
Styrene	9.83		"	10.0		98.3	77.8-123		1.21	20.9
tert-Butylbenzene	9.70		"	10.0		97.0	75.9-151		9.34	20.9
Tetrachloroethylene	9.72		"	10.0		97.2	63.6-167		0.411	27.7
Toluene	9.75		"	10.0		97.5	77-123		2.03	18.7
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76.3-139		2.70	19.5
trans-1,3-Dichloropropylene	9.86		"	10.0		98.6	72.5-137		0.610	19.3
Trichloroethylene	9.73		"	10.0		97.3	77.9-130		0.410	20.5
Trichlorofluoromethane	9.03		"	10.0		90.3	57.4-133		1.90	21.4
Vinyl Chloride	8.88		"	10.0		88.8	54.9-124		1.59	22.3
Surrogate: 1,2-Dichloroethane-d4	9.92		"	10.0		99.2	72.6-129			
Surrogate: p-Bromofluorobenzene	9.98		"	10.0		99.8	63.5-145			
Surrogate: Toluene-d8	9.57		"	10.0		95.7	81.2-127			



Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page 2 of 4

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 12C0882

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables																									
Company: <u>LBG, Inc.</u>	Company: <u>Same as</u>	Company: <u>Same as</u>	Company: <u>Same as</u>	Purchase Order No.		NABSA6		RUSH - Same Day ☐	Summary Report																										
Address: <u>4 Research Dr</u>	Address: <u>Same as</u>	Address: <u>Same as</u>	Address: <u>Same as</u>					RUSH - Next Day ☐	Summary w/ QA Summary																										
Phone No. <u>203-929-8555</u>	Phone No. <u>Same as</u>	Phone No. <u>Same as</u>	Phone No. <u>Same as</u>					RUSH - Two Day ☐	CT RCP Package																										
Contact Person: <u>Tracie Sanders</u>	Attention: <u>Same as</u>	Attention: <u>Same as</u>	Attention: <u>Same as</u>					RUSH - Three Day ☐	NY ASP A Package																										
E-Mail Address: <u>rsanders@lbginc.com</u>	E-Mail Address: <u>Same as</u>	E-Mail Address: <u>Same as</u>	E-Mail Address: <u>Same as</u>					RUSH - Four Day ☐	NY ASP B Package																										
								Standard(5-7 Days) ☒		Electronic Deliverables																									
								Excel		EDD (Specify Type)																									
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.				Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor				Volatiles 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Acrom. only Halogen only App. IX list 8021B list				Semi-Vols. / Pesticides 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list NDEP list App. IX TCLP BNA SPLP or TCLP				Metals RCRA8 PP13 list TAL CT15 list TAGM list NDEP list Dissolved SPLP or TCLP Ind. Metals LIST Below				Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium				Full Lists Pri. Poll. TCL Organics TAL MetCN Full TCLP Full App. IX Part 360 Routine Part 360 Bact Part 360 Bact Part 360 Bact NY CDEP NY SDEP TAGM				Common Miscellaneous Parameters Conductivity Reactivity Ignitability Flash Point Sieve Anal. Heterotrophs TOX BTU/lb. Aquatic Tox. TOC Asbestos Silica				Special Instructions Color Phenols Cyanide-T Cyanide-A BOD5 Ammonia-N Chloride Phosphate Tot. Phos. Oil & Grease F.O.G. pH TDS TPH-1664			
Samples Collected/Authorized By (Signature) <u>Caroline Colwell</u> Name (printed)												Choose Analyses Needed from the Menu Above and Enter Below																							
Sample Identification		Date Sampled		Sample Matrix		Preservation		4°C		Frozen		HCl		MeOH		HNO ₃		H ₂ SO ₄		NaOH		Temperature on Receipt													
MW-40A		3/22/12 8:32		GW		Check those Applicable																4.1 °C													
MW-47A		3/23/12 9:31																																	
N-52		3/22/12 9:03																																	
N-57		3/22/12 9:20																																	
N-38		3/22/12 10:11																																	
N-39		3/22/12 11:08																																	
N-16		3/22/12 17:01																																	
MW-42B		3/22/12 9:11																																	
MW-43A		3/22/12 16:06																																	
MW-43B		3/22/12 17:01																																	
Comments * use additional bottles, &c. see Specific msl/msd 57																																			
Samples Relinquished By <u>Caroline Colwell</u> Date/Time <u>3/26/12 9:00</u>												Samples Received By <u>Caroline Colwell</u> Date/Time <u>3/26/12 16:10</u>																							
Samples Relinquished By <u>Caroline Colwell</u> Date/Time <u>3/26/12 9:00</u>												Samples Received in LAB by <u>Caroline Colwell</u> Date/Time <u>3/26/12 16:10</u>																							



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 04/02/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12C0883

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/02/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12C0883

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on March 26, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12C0883-01	MW-98-01A	Water	03/22/2012	03/26/2012
12C0883-02	MW-98-04	Water	03/22/2012	03/26/2012
12C0883-03	MW-98-05A	Water	03/22/2012	03/26/2012
12C0883-04	MW-98-05B	Water	03/22/2012	03/26/2012
12C0883-05	MW-45B	Water	03/23/2012	03/26/2012
12C0883-06	MW-52A	Water	03/23/2012	03/26/2012
12C0883-07	MW-28A	Water	03/22/2012	03/26/2012
12C0883-08	MW-28B	Water	03/22/2012	03/26/2012
12C0883-09	MW-44A	Water	03/22/2012	03/26/2012
12C0883-10	MW-44B	Water	03/22/2012	03/26/2012
12C0883-11	MW-46A	Water	03/23/2012	03/26/2012
12C0883-12	MW-47A	Water	03/23/2012	03/26/2012
12C0883-13	N-32	Water	03/22/2012	03/26/2012
12C0883-14	N-16	Water	03/22/2012	03/26/2012
12C0883-15	MW-42B	Water	03/23/2012	03/26/2012
12C0883-16	MW-43A	Water	03/22/2012	03/26/2012
12C0883-17	MW-43B	Water	03/22/2012	03/26/2012
12C0883-18	MW-43C	Water	03/22/2012	03/26/2012
12C0883-19	MW-53	Water	03/22/2012	03/26/2012
12C0883-20	MW-54	Water	03/22/2012	03/26/2012
12C0883-21	MW-49A	Water	03/22/2012	03/26/2012
12C0883-22	MW-49B	Water	03/22/2012	03/26/2012
12C0883-23	MW-49C	Water	03/22/2012	03/26/2012

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12C0883-24	MW-56B	Water	03/22/2012	03/26/2012
12C0883-25	MW-48B	Water	03/23/2012	03/26/2012
12C0883-26	RW-1	Water	03/23/2012	03/26/2012
12C0883-27	MW-B1	Water	03/23/2012	03/26/2012
12C0883-28	MW-B2	Water	03/23/2012	03/26/2012
12C0883-29	MW-B3	Water	03/23/2012	03/26/2012
12C0883-30	MW-B4	Water	03/23/2012	03/26/2012
12C0883-31	FB	Water	03/22/2012	03/26/2012
12C0883-32	FB	Water	03/23/2012	03/26/2012
12C0883-33	FB-BR-1	Water	03/22/2012	03/26/2012
12C0883-34	FB-BR-2	Water	03/23/2012	03/26/2012
12C0883-35	TB	Water	03/22/2012	03/26/2012

General Notes for York Project (SDG) No.: 12C0883

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Date: 04/02/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director





Sample Information

Client Sample ID: MW-98-01A

York Sample ID: 12C0883-01

York Project (SDG) No.

12C0883

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

March 22, 2012 1:41 pm

Date Received

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
67-64-1	Acetone	1.9	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS



Sample Information

Client Sample ID: MW-98-01A

York Sample ID: 12C0883-01

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 1:41 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
75-09-2	Methylene chloride	0.54	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
91-20-3	Naphthalene	0.25	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
1330-20-7P/M	p- & m- Xylenes	0.16	J	ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
127-18-4	Tetrachloroethylene	0.55		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
108-88-3	Toluene	0.18	J	ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
1330-20-7	Xylenes, Total	0.16	J	ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 14:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	98.5 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.3 %	81.2-127								



Sample Information

Client Sample ID: MW-98-04

York Sample ID: 12C0883-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 2:28 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
67-64-1	Acetone	1.2	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
75-25-2	Bromoform	0.13	J	ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS



Sample Information

Client Sample ID: MW-98-04

York Sample ID: 12C0883-02

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 2:28 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
74-87-3	Chloromethane	0.12	J	ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
75-09-2	Methylene chloride	0.67	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
91-20-3	Naphthalene	0.19	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
127-18-4	Tetrachloroethylene	0.36	J	ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 14:48	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.2 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.9 %	81.2-127								



Sample Information

Client Sample ID: MW-98-05A

York Sample ID: 12C0883-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 12:38 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
67-64-1	Acetone	1.4	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS



Sample Information

Client Sample ID: MW-98-05A

York Sample ID: 12C0883-03

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 12:38 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
156-59-2	cis-1,2-Dichloroethylene	0.40	J	ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
75-09-2	Methylene chloride	1.0	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
91-20-3	Naphthalene	0.16	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
95-47-6	o-Xylene	0.10	J	ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
1330-20-7P/M	p- & m- Xylenes	0.19	J	ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
127-18-4	Tetrachloroethylene	4.5		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
108-88-3	Toluene	0.25	J	ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
79-01-6	Trichloroethylene	0.48	J	ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
1330-20-7	Xylenes, Total	0.29	J	ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 15:09	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.8 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.3 %	81.2-127								



Sample Information

Client Sample ID: MW-98-05B

York Sample ID: 12C0883-04

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 1:48 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
95-63-6	1,2,4-Trimethylbenzene	0.11	J	ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
67-64-1	Acetone	2.5	B	ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS



Sample Information

Client Sample ID: MW-98-05B

York Sample ID: 12C0883-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 1:48 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
74-87-3	Chloromethane	0.13	J	ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
156-59-2	cis-1,2-Dichloroethylene	0.19	J	ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
75-09-2	Methylene chloride	1.0	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
91-20-3	Naphthalene	0.22	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
1330-20-7P/M	p- & m- Xylenes	0.20	J	ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
108-88-3	Toluene	3.8		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
1330-20-7	Xylenes, Total	0.20	J	ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 15:40	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.2 %	81.2-127								



Sample Information

Client Sample ID: MW-45B

York Sample ID: 12C0883-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 10:25 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS



Sample Information

Client Sample ID: MW-45B

York Sample ID: 12C0883-05

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 23, 2012 10:25 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
75-09-2	Methylene chloride	0.72	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
91-20-3	Naphthalene	0.13	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:01	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.9 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.5 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.3 %	81.2-127								



Sample Information

Client Sample ID: MW-52A

York Sample ID: 12C0883-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 10:22 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS



Sample Information

Client Sample ID: MW-52A

York Sample ID: 12C0883-06

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 23, 2012 10:22 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
74-87-3	Chloromethane	0.21	J	ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
75-09-2	Methylene chloride	0.78	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
91-20-3	Naphthalene	0.17	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 16:23	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.4 %	81.2-127								



Sample Information

Client Sample ID: MW-28A

York Sample ID: 12C0883-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 11:23 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS



Sample Information

Client Sample ID: MW-28A

York Sample ID: 12C0883-07

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 11:23 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
75-09-2	Methylene chloride	0.82	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
91-20-3	Naphthalene	0.11	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 16:45	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.3 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.0 %	81.2-127								



Sample Information

Client Sample ID: MW-28B

York Sample ID: 12C0883-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 10:56 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS



Sample Information

Client Sample ID: MW-28B

York Sample ID: 12C0883-08

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 10:56 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
75-09-2	Methylene chloride	0.73	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
91-20-3	Naphthalene	0.13	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:06	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.0 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.8 %	81.2-127								



Sample Information

Client Sample ID: MW-44A

York Sample ID: 12C0883-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 9:46 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS



Sample Information

Client Sample ID: MW-44A

York Sample ID: 12C0883-09

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 9:46 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
67-66-3	Chloroform	0.33	J	ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
75-09-2	Methylene chloride	0.68	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 17:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.7 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.9 %	81.2-127								



Sample Information

Client Sample ID: MW-44B

York Sample ID: 12C0883-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 10:15 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS



Sample Information

Client Sample ID: MW-44B

York Sample ID: 12C0883-10

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 10:15 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
67-66-3	Chloroform	0.43	J	ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
75-09-2	Methylene chloride	0.73	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
91-20-3	Naphthalene	0.13	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
127-18-4	Tetrachloroethylene	0.16	J	ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
108-88-3	Toluene	0.11	J	ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 17:48	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.7 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.5 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.9 %	81.2-127								



Sample Information

Client Sample ID: MW-46A

York Sample ID: 12C0883-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 8:32 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS



Sample Information

Client Sample ID: MW-46A

York Sample ID: 12C0883-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 8:32 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
74-87-3	Chloromethane	0.28	J	ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
75-09-2	Methylene chloride	0.69	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
79-01-6	Trichloroethylene	0.24	J	ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:10	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.9 %	81.2-127								



Sample Information

Client Sample ID: MW-47A

York Sample ID: 12C0883-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 9:31 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
71-55-6	1,1,1-Trichloroethane	0.15	J	ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS



Sample Information

Client Sample ID: MW-47A

York Sample ID: 12C0883-12

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 23, 2012 9:31 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
74-87-3	Chloromethane	0.12	J	ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
75-09-2	Methylene chloride	0.74	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
91-20-3	Naphthalene	0.15	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
127-18-4	Tetrachloroethylene	0.27	J	ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
79-01-6	Trichloroethylene	0.77		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 18:31	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	94.7 %	81.2-127								



Sample Information

Client Sample ID: N-32

York Sample ID: 12C0883-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 9:03 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS



Sample Information

Client Sample ID: N-32

York Sample ID: 12C0883-13

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 9:03 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
67-66-3	Chloroform	0.19	J	ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
75-09-2	Methylene chloride	0.70	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 18:53	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.2 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.8 %	81.2-127								



Sample Information

Client Sample ID: N-16

York Sample ID: 12C0883-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 5:01 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS



Sample Information

Client Sample ID: N-16

York Sample ID: 12C0883-14

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 5:01 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
75-09-2	Methylene chloride	0.67	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:14	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.7 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.7 %	81.2-127								



Sample Information

Client Sample ID: MW-42B

York Sample ID: 12C0883-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 9:11 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS



Sample Information

Client Sample ID: MW-42B

York Sample ID: 12C0883-15

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 23, 2012 9:11 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
75-09-2	Methylene chloride	0.76	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:37	03/29/2012 19:36	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.6 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.3 %	81.2-127								



Sample Information

Client Sample ID: MW-43A

York Sample ID: 12C0883-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 4:06 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
71-55-6	1,1,1-Trichloroethane	7.6		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
75-34-3	1,1-Dichloroethane	2.0		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
75-35-4	1,1-Dichloroethylene	0.52		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS



Sample Information

Client Sample ID: MW-43A

York Sample ID: 12C0883-16

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 4:06 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.21	J	ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
75-09-2	Methylene chloride	0.69	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
127-18-4	Tetrachloroethylene	2.3		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
79-01-6	Trichloroethylene	0.16	J	ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:36	03/29/2012 19:57	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.4 %	81.2-127								



Sample Information

Client Sample ID: MW-43B

York Sample ID: 12C0883-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 5:01 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
71-55-6	1,1,1-Trichloroethane	1.2		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
75-34-3	1,1-Dichloroethane	0.21	J	ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS



Sample Information

Client Sample ID: MW-43B

York Sample ID: 12C0883-17

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 5:01 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
67-66-3	Chloroform	0.43	J	ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
75-09-2	Methylene chloride	0.77	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
127-18-4	Tetrachloroethylene	3.4		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:40	03/29/2012 20:18	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.3 %	81.2-127								



Sample Information

Client Sample ID: MW-43C

York Sample ID: 12C0883-18

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 3:37 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS



Sample Information

Client Sample ID: MW-43C

York Sample ID: 12C0883-18

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 3:37 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
67-66-3	Chloroform	0.58		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.11	J	ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
75-09-2	Methylene chloride	0.78	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
91-20-3	Naphthalene	0.12	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 12:42	03/29/2012 20:39	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.7 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.5 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.5 %	81.2-127								



Sample Information

Client Sample ID: MW-53

York Sample ID: 12C0883-19

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 3:31 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
71-55-6	1,1,1-Trichloroethane	4.2		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
75-34-3	1,1-Dichloroethane	1.7		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
75-35-4	1,1-Dichloroethylene	0.24	J	ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
67-64-1	Acetone	1.6	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
75-25-2	Bromoform	0.43	J	ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS



Sample Information

Client Sample ID: MW-53

York Sample ID: 12C0883-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 3:31 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
74-87-3	Chloromethane	0.27	J	ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
124-48-1	Dibromochloromethane	0.29	J	ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.25	J	ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
75-09-2	Methylene chloride	0.88	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
91-20-3	Naphthalene	0.34	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
1330-20-7P/M	p- & m- Xylenes	0.10	J	ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
127-18-4	Tetrachloroethylene	0.72		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:10	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.8 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	90.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	94.5 %	81.2-127								



Sample Information

Client Sample ID: MW-54

York Sample ID: 12C0883-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 4:26 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
71-55-6	1,1,1-Trichloroethane	1.2		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
75-34-3	1,1-Dichloroethane	0.34	J	ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
75-25-2	Bromoform	0.26	J	ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS



Sample Information

Client Sample ID: MW-54

York Sample ID: 12C0883-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 4:26 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
74-87-3	Chloromethane	0.12	J	ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
124-48-1	Dibromochloromethane	0.14	J	ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.14	J	ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
75-09-2	Methylene chloride	0.90	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
91-20-3	Naphthalene	0.14	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
127-18-4	Tetrachloroethylene	0.42	J	ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 03:31	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	94.5 %	81.2-127								



Sample Information

Client Sample ID: MW-49A

York Sample ID: 12C0883-21

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 1:19 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS



Sample Information

Client Sample ID: MW-49A

York Sample ID: 12C0883-21

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 1:19 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
67-66-3	Chloroform	0.17	J	ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
75-09-2	Methylene chloride	0.76	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
91-20-3	Naphthalene	0.18	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 03:53	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0 *Surrogate: 1,2-Dichloroethane-d4* 95.6 %
460-00-4 *Surrogate: p-Bromofluorobenzene* 93.7 %
2037-26-5 *Surrogate: Toluene-d8* 96.0 %

72.6-129

63.5-145

81.2-127



Sample Information

Client Sample ID: MW-49B

York Sample ID: 12C0883-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 1:45 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS



Sample Information

Client Sample ID: MW-49B

York Sample ID: 12C0883-22

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 1:45 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.25	J	ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
75-09-2	Methylene chloride	0.76	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
91-20-3	Naphthalene	0.11	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
127-18-4	Tetrachloroethylene	0.60		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:15	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	94.7 %	81.2-127								



Sample Information

Client Sample ID: MW-49C

York Sample ID: 12C0883-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 12:55 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS



Sample Information

Client Sample ID: MW-49C

York Sample ID: 12C0883-23

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 12:55 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.23	J	ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
75-09-2	Methylene chloride	0.79	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
91-20-3	Naphthalene	0.11	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
108-88-3	Toluene	0.10	J	ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 04:36	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	90.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	92.9 %	81.2-127								



Sample Information

Client Sample ID: MW-56B

York Sample ID: 12C0883-24

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 2:42 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
67-64-1	Acetone	1.1	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS



Sample Information

Client Sample ID: MW-56B

York Sample ID: 12C0883-24

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 22, 2012 2:42 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
75-09-2	Methylene chloride	0.81	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 04:58	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.8 %	81.2-127								



Sample Information

Client Sample ID: MW-48B

York Sample ID: 12C0883-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 9:56 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS



Sample Information

Client Sample ID: MW-48B

York Sample ID: 12C0883-25

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 23, 2012 9:56 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
75-09-2	Methylene chloride	0.80	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
91-20-3	Naphthalene	0.11	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 05:20	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.2 %	81.2-127								



Sample Information

Client Sample ID: RW-1

York Sample ID: 12C0883-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 8:35 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
67-64-1	Acetone	1.1	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS



Sample Information

Client Sample ID: RW-1

York Sample ID: 12C0883-26

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 23, 2012 8:35 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
67-66-3	Chloroform	1.3		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
75-09-2	Methylene chloride	0.74	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
91-20-3	Naphthalene	0.12	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
108-88-3	Toluene	0.11	J	ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 05:42	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	96.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.1 %	81.2-127								



Sample Information

Client Sample ID: MW-B1

York Sample ID: 12C0883-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 12:03 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
75-25-2	Bromoform	0.17	J	ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS



Sample Information

Client Sample ID: MW-B1

York Sample ID: 12C0883-27

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 23, 2012 12:03 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
75-09-2	Methylene chloride	0.79	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:03	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	95.6 %	81.2-127								



Sample Information

Client Sample ID: MW-B2

York Sample ID: 12C0883-28

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 12:11 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS



Sample Information

Client Sample ID: MW-B2

York Sample ID: 12C0883-28

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 23, 2012 12:11 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
74-87-3	Chloromethane	0.14	J	ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
75-09-2	Methylene chloride	0.80	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 06:24	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.9 %	81.2-127								



Sample Information

Client Sample ID: MW-B3

York Sample ID: 12C0883-29

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 11:42 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
75-25-2	Bromoform	0.35	J	ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS



Sample Information

Client Sample ID: MW-B3

York Sample ID: 12C0883-29

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 23, 2012 11:42 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
74-87-3	Chloromethane	0.17	J	ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
124-48-1	Dibromochloromethane	0.22	J	ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
75-09-2	Methylene chloride	0.80	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 06:46	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.4 %	81.2-127								



Sample Information

Client Sample ID: MW-B4

York Sample ID: 12C0883-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 11:29 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
75-25-2	Bromoform	0.41	J	ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS



Sample Information

Client Sample ID: MW-B4

York Sample ID: 12C0883-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 11:29 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
74-87-3	Chloromethane	0.11	J	ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
124-48-1	Dibromochloromethane	0.24	J	ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
75-09-2	Methylene chloride	0.78	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:08	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.5 %	81.2-127								



Sample Information

Client Sample ID: FB

York Sample ID: 12C0883-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 5:10 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
67-64-1	Acetone	2.3	B	ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
71-43-2	Benzene	0.21	J	ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS



Sample Information

Client Sample ID: FB

York Sample ID: 12C0883-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 5:10 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
75-09-2	Methylene chloride	0.82	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 07:29	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	98.5 %	81.2-127								



Sample Information

Client Sample ID: FB

York Sample ID: 12C0883-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 10:33 am

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
67-64-1	Acetone	3.2	B	ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
71-43-2	Benzene	0.17	J	ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS



Sample Information

Client Sample ID: FB

York Sample ID: 12C0883-32

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 23, 2012 10:33 am

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
75-09-2	Methylene chloride	0.70	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 12:42	03/30/2012 07:51	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	97.2 %	81.2-127								



Sample Information

Client Sample ID: FB-BR-1

York Sample ID: 12C0883-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 5:15 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
591-78-6	2-Hexanone	0.17	J	ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
67-64-1	Acetone	3.2	B	ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
71-43-2	Benzene	0.20	J	ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS



Sample Information

Client Sample ID: FB-BR-1

York Sample ID: 12C0883-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 5:15 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
75-09-2	Methylene chloride	0.73	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 08:12	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	95.9 %	81.2-127								



Sample Information

Client Sample ID: FB-BR-2

York Sample ID: 12C0883-34

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 23, 2012 12:30 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
591-78-6	2-Hexanone	1.2		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
67-64-1	Acetone	73	B	ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
75-25-2	Bromoform	0.17	J	ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS



Sample Information

Client Sample ID: FB-BR-2

York Sample ID: 12C0883-34

York Project (SDG) No.
12C0883

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
March 23, 2012 12:30 pm

Date Received
03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
75-09-2	Methylene chloride	0.66	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 09:18	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.9 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.0 %	81.2-127								



Sample Information

Client Sample ID: TB

York Sample ID: 12C0883-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 3:00 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS



Sample Information

Client Sample ID: TB

York Sample ID: 12C0883-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

12C0883

Rowe Industries

Water

March 22, 2012 3:00 pm

03/26/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
75-09-2	Methylene chloride	0.79	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	03/29/2012 08:40	03/30/2012 10:00	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.4 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	96.4 %	81.2-127								



Analytical Batch Summary

Batch ID: BC21192

Preparation Method: EPA 5030B

Prepared By: VRL

YORK Sample ID	Client Sample ID	Preparation Date
12C0883-02	MW-98-04	03/29/12
12C0883-04	MW-98-05B	03/29/12
12C0883-06	MW-52A	03/29/12
12C0883-08	MW-28B	03/29/12
12C0883-10	MW-44B	03/29/12
12C0883-12	MW-47A	03/29/12
12C0883-14	N-16	03/29/12
12C0883-16	MW-43A	03/29/12
12C0883-18	MW-43C	03/29/12
BC21192-BLK1	Blank	03/29/12
BC21192-BS1	LCS	03/29/12
BC21192-BSD1	LCS Dup	03/29/12
BC21192-MS1	Matrix Spike	03/29/12
BC21192-MSD1	Matrix Spike Dup	03/29/12

Batch ID: BC21193

Preparation Method: EPA 5030B

Prepared By: VRL

YORK Sample ID	Client Sample ID	Preparation Date
12C0883-01	MW-98-01A	03/29/12
12C0883-03	MW-98-05A	03/29/12
12C0883-05	MW-45B	03/29/12
12C0883-07	MW-28A	03/29/12
12C0883-09	MW-44A	03/29/12
12C0883-11	MW-46A	03/29/12
12C0883-13	N-32	03/29/12
12C0883-15	MW-42B	03/29/12
12C0883-17	MW-43B	03/29/12
BC21193-BLK1	Blank	03/29/12
BC21193-BS1	LCS	03/29/12
BC21193-BSD1	LCS Dup	03/29/12

Batch ID: BC21197

Preparation Method: EPA 5030B

Prepared By: VRL

YORK Sample ID	Client Sample ID	Preparation Date
12C0883-19	MW-53	03/29/12
12C0883-21	MW-49A	03/29/12
12C0883-23	MW-49C	03/29/12
12C0883-25	MW-48B	03/29/12
12C0883-27	MW-B1	03/29/12
12C0883-29	MW-B3	03/29/12
12C0883-31	FB	03/29/12
12C0883-33	FB-BR-1	03/29/12
12C0883-34	FB-BR-2	03/29/12
12C0883-35	TB	03/29/12
BC21197-BLK1	Blank	03/29/12
BC21197-BS1	LCS	03/29/12
BC21197-BSD1	LCS Dup	03/29/12



Batch ID: BC21198

Preparation Method: EPA 5030B

Prepared By: VRL

YORK Sample ID	Client Sample ID	Preparation Date
12C0883-20	MW-54	03/29/12
12C0883-22	MW-49B	03/29/12
12C0883-24	MW-56B	03/29/12
12C0883-26	RW-1	03/29/12
12C0883-28	MW-B2	03/29/12
12C0883-30	MW-B4	03/29/12
12C0883-32	FB	03/29/12
BC21198-BLK1	Blank	03/29/12
BC21198-BS1	LCS	03/29/12
BC21198-BSD1	LCS Dup	03/29/12



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21192 - EPA 5030B

Blank (BC21192-BLK1)

Prepared & Analyzed: 03/29/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	0.59	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	0.51	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	1.4	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	1.1	2.0	"
Naphthalene	2.0	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21192 - EPA 5030B

Blank (BC21192-BLK1)

Prepared & Analyzed: 03/29/2012

sec-Butylbenzene	ND	0.50	ug/L
Styrene	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4	9.65	"	10.0	96.5	72.6-129
Surrogate: p-Bromofluorobenzene	9.73	"	10.0	97.3	63.5-145
Surrogate: Toluene-d8	10.0	"	10.0	100	81.2-127

LCS (BC21192-BS1)

Prepared & Analyzed: 03/29/2012

1,1,1,2-Tetrachloroethane	8.68	ug/L	10.0	86.8	82.3-130	
1,1,1-Trichloroethane	9.66	"	10.0	96.6	75.6-137	
1,1,2,2-Tetrachloroethane	8.12	"	10.0	81.2	71.3-131	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8	"	10.0	108	71.1-129	
1,1,2-Trichloroethane	8.05	"	10.0	80.5	74.5-129	
1,1-Dichloroethane	9.37	"	10.0	93.7	79.6-132	
1,1-Dichloroethylene	10.0	"	10.0	100	80.2-146	
1,1-Dichloropropylene	15.5	"	10.0	155	75-136	High Bias
1,2,3-Trichlorobenzene	7.98	"	10.0	79.8	66.1-136	
1,2,3-Trichloropropane	8.11	"	10.0	81.1	63-131	
1,2,4-Trichlorobenzene	8.97	"	10.0	89.7	70.6-136	
1,2,4-Trimethylbenzene	10.7	"	10.0	107	75.3-135	
1,2-Dibromo-3-chloropropane	8.51	"	10.0	85.1	58.9-140	
1,2-Dibromoethane	8.47	"	10.0	84.7	79-130	
1,2-Dichlorobenzene	9.24	"	10.0	92.4	76.1-122	
1,2-Dichloroethane	7.70	"	10.0	77.0	74.6-132	
1,2-Dichloropropane	9.55	"	10.0	95.5	76.9-129	
1,3,5-Trimethylbenzene	10.9	"	10.0	109	70.6-127	
1,3-Dichlorobenzene	9.54	"	10.0	95.4	77-124	
1,3-Dichloropropane	8.02	"	10.0	80.2	75.8-126	
1,4-Dichlorobenzene	9.22	"	10.0	92.2	76.6-125	
2,2-Dichloropropane	10.6	"	10.0	106	69-133	
2-Chlorotoluene	10.2	"	10.0	102	66.3-119	
2-Hexanone	7.87	"	10.0	78.7	70-130	
4-Chlorotoluene	10.4	"	10.0	104	69.2-127	
Acetone	2.78	"	10.0	27.8	70-130	Low Bias
Benzene	9.31	"	10.0	93.1	76.2-129	
Bromobenzene	9.46	"	10.0	94.6	71.3-123	
Bromochloromethane	8.11	"	10.0	81.1	70.8-137	
Bromodichloromethane	9.39	"	10.0	93.9	79.7-134	
Bromoform	8.02	"	10.0	80.2	70.5-141	
Bromomethane	9.54	"	10.0	95.4	43.9-147	
Carbon tetrachloride	14.4	"	10.0	144	78.1-138	High Bias
Chlorobenzene	9.32	"	10.0	93.2	80.4-125	
Chloroethane	9.61	"	10.0	96.1	55.8-140	
Chloroform	8.61	"	10.0	86.1	76.6-133	
Chloromethane	8.09	"	10.0	80.9	48.8-115	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21192 - EPA 5030B

LCS (BC21192-BS1)

Prepared & Analyzed: 03/29/2012

cis-1,2-Dichloroethylene	8.94		ug/L	10.0		89.4	75.1-128				
cis-1,3-Dichloropropylene	8.51		"	10.0		85.1	74.5-128				
Dibromochloromethane	7.66		"	10.0		76.6	79.8-134	Low Bias			
Dibromomethane	8.86		"	10.0		88.6	79-130				
Dichlorodifluoromethane	7.95		"	10.0		79.5	47.1-101				
Ethyl Benzene	10.5		"	10.0		105	80.8-128				
Hexachlorobutadiene	10.3		"	10.0		103	64.8-128				
Isopropylbenzene	12.2		"	10.0		122	75.5-135				
Methyl tert-butyl ether (MTBE)	8.72		"	10.0		87.2	65.1-140				
Methylene chloride	5.91		"	10.0		59.1	61.3-120	Low Bias			
Naphthalene	9.05		"	10.0		90.5	62.3-148				
n-Butylbenzene	11.5		"	10.0		115	67.2-123				
n-Propylbenzene	11.4		"	10.0		114	70.5-127				
o-Xylene	9.40		"	10.0		94.0	75.9-122				
p- & m- Xylenes	20.1		"	20.0		100	77.7-127				
p-Isopropyltoluene	11.4		"	10.0		114	75.6-129				
sec-Butylbenzene	11.6		"	10.0		116	71.5-125				
Styrene	9.21		"	10.0		92.1	77.8-123				
tert-Butylbenzene	11.7		"	10.0		117	75.9-151				
Tetrachloroethylene	11.0		"	10.0		110	63.6-167				
Toluene	10.2		"	10.0		102	77-123				
trans-1,2-Dichloroethylene	8.99		"	10.0		89.9	76.3-139				
trans-1,3-Dichloropropylene	8.17		"	10.0		81.7	72.5-137				
Trichloroethylene	10.5		"	10.0		105	77.9-130				
Trichlorofluoromethane	10.5		"	10.0		105	57.4-133				
Vinyl Chloride	9.28		"	10.0		92.8	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>8.20</i>		<i>"</i>	<i>10.0</i>		<i>82.0</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>81.2-127</i>				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC21192 - EPA 5030B											
LCS Dup (BC21192-BSI1)						Prepared & Analyzed: 03/29/2012					
1,1,1,2-Tetrachloroethane	9.41		ug/L	10.0		94.1	82.3-130		8.07	21.1	
1,1,1-Trichloroethane	9.00		"	10.0		90.0	75.6-137		7.07	19.7	
1,1,2,2-Tetrachloroethane	9.12		"	10.0		91.2	71.3-131		11.6	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.08		"	10.0		90.8	71.1-129		16.9	21.7	
1,1,2-Trichloroethane	9.55		"	10.0		95.5	74.5-129		17.0	20.3	
1,1-Dichloroethane	9.65		"	10.0		96.5	79.6-132		2.94	20.6	
1,1-Dichloroethylene	9.48		"	10.0		94.8	80.2-146		5.84	20	
1,1-Dichloropropylene	14.4		"	10.0		144	75-136	High Bias	7.15	19.3	
1,2,3-Trichlorobenzene	9.47		"	10.0		94.7	66.1-136		17.1	21.6	
1,2,3-Trichloropropane	8.78		"	10.0		87.8	63-131		7.93	23.9	
1,2,4-Trichlorobenzene	9.92		"	10.0		99.2	70.6-136		10.1	21.7	
1,2,4-Trimethylbenzene	9.71		"	10.0		97.1	75.3-135		9.79	18.8	
1,2-Dibromo-3-chloropropane	9.01		"	10.0		90.1	58.9-140		5.71	27.7	
1,2-Dibromoethane	9.99		"	10.0		99.9	79-130		16.5	23	
1,2-Dichlorobenzene	9.37		"	10.0		93.7	76.1-122		1.40	19.8	
1,2-Dichloroethane	9.03		"	10.0		90.3	74.6-132		15.9	20.2	
1,2-Dichloropropane	9.61		"	10.0		96.1	76.9-129		0.626	20.7	
1,3,5-Trimethylbenzene	9.36		"	10.0		93.6	70.6-127		15.6	18.9	
1,3-Dichlorobenzene	9.32		"	10.0		93.2	77-124		2.33	19.2	
1,3-Dichloropropane	9.19		"	10.0		91.9	75.8-126		13.6	22.1	
1,4-Dichlorobenzene	9.28		"	10.0		92.8	76.6-125		0.649	18.6	
2,2-Dichloropropane	9.96		"	10.0		99.6	69-133		6.32	19.8	
2-Chlorotoluene	8.92		"	10.0		89.2	66.3-119		13.9	21.6	
2-Hexanone	9.53		"	10.0		95.3	70-130		19.1	30	
4-Chlorotoluene	9.51		"	10.0		95.1	69.2-127		8.65	19	
Acetone	3.55		"	10.0		35.5	70-130	Low Bias	24.3	30	
Benzene	9.56		"	10.0		95.6	76.2-129		2.65	19	
Bromobenzene	9.02		"	10.0		90.2	71.3-123		4.76	20.3	
Bromochloromethane	9.58		"	10.0		95.8	70.8-137		16.6	23.9	
Bromodichloromethane	9.86		"	10.0		98.6	79.7-134		4.88	21	
Bromoform	9.22		"	10.0		92.2	70.5-141		13.9	21.8	
Bromomethane	9.70		"	10.0		97.0	43.9-147		1.66	28.4	
Carbon tetrachloride	13.1		"	10.0		131	78.1-138		8.80	20.1	
Chlorobenzene	9.50		"	10.0		95.0	80.4-125		1.91	19.9	
Chloroethane	9.42		"	10.0		94.2	55.8-140		2.00	23.3	
Chloroform	9.34		"	10.0		93.4	76.6-133		8.13	20.3	
Chloromethane	7.71		"	10.0		77.1	48.8-115		4.81	24.5	
cis-1,2-Dichloroethylene	9.54		"	10.0		95.4	75.1-128		6.49	20.5	
cis-1,3-Dichloropropylene	9.30		"	10.0		93.0	74.5-128		8.87	19.9	
Dibromochloromethane	9.27		"	10.0		92.7	79.8-134		19.0	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		13.9	22.4	
Dichlorodifluoromethane	6.75		"	10.0		67.5	47.1-101		16.3	23.9	
Ethyl Benzene	9.83		"	10.0		98.3	80.8-128		6.40	19.2	
Hexachlorobutadiene	8.87		"	10.0		88.7	64.8-128		15.1	20.6	
Isopropylbenzene	9.72		"	10.0		97.2	75.5-135		22.4	20	Non-dir.
Methyl tert-butyl ether (MTBE)	13.1		"	10.0		131	65.1-140		40.0	23.6	Non-dir.
Methylene chloride	6.74		"	10.0		67.4	61.3-120		13.1	20.4	
Naphthalene	10.4		"	10.0		104	62.3-148		14.0	27.1	
n-Butylbenzene	9.57		"	10.0		95.7	67.2-123		18.1	19.1	
n-Propylbenzene	9.50		"	10.0		95.0	70.5-127		18.0	23.4	
o-Xylene	9.30		"	10.0		93.0	75.9-122		1.07	19.3	
p- & m- Xylenes	19.1		"	20.0		95.3	77.7-127		5.11	18.6	
p-Isopropyltoluene	9.43		"	10.0		94.3	75.6-129		18.5	19.1	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC21192 - EPA 5030B											
LCS Dup (BC21192-BSD1)						Prepared & Analyzed: 03/29/2012					
sec-Butylbenzene	9.14		ug/L	10.0		91.4	71.5-125		23.3	18.9	Non-dir.
Styrene	9.56		"	10.0		95.6	77.8-123		3.73	20.9	
tert-Butylbenzene	9.88		"	10.0		98.8	75.9-151		16.6	20.9	
Tetrachloroethylene	9.48		"	10.0		94.8	63.6-167		14.7	27.7	
Toluene	9.52		"	10.0		95.2	77-123		6.50	18.7	
trans-1,2-Dichloroethylene	9.25		"	10.0		92.5	76.3-139		2.85	19.5	
trans-1,3-Dichloropropylene	9.71		"	10.0		97.1	72.5-137		17.2	19.3	
Trichloroethylene	9.34		"	10.0		93.4	77.9-130		11.7	20.5	
Trichlorofluoromethane	9.08		"	10.0		90.8	57.4-133		14.9	21.4	
Vinyl Chloride	8.38		"	10.0		83.8	54.9-124		10.2	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.21		"	10.0		92.1	72.6-129				
Surrogate: p-Bromofluorobenzene	9.73		"	10.0		97.3	63.5-145				
Surrogate: Toluene-d8	9.94		"	10.0		99.4	81.2-127				
Matrix Spike (BC21192-MS1)						*Source sample: 12C0883-04 (MW-98-05B) Prepared & Analyzed: 03/29/2012					
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0	ND	101	82-138				
1,1,1-Trichloroethane	10.4		"	10.0	ND	104	85.7-133				
1,1,2,2-Tetrachloroethane	9.28		"	10.0	ND	92.8	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.94		"	10.0	ND	99.4	74.8-131				
1,1,2-Trichloroethane	9.59		"	10.0	ND	95.9	82.5-129				
1,1-Dichloroethane	10.6		"	10.0	ND	106	81.4-137				
1,1-Dichloroethylene	10.4		"	10.0	ND	104	90-138				
1,1-Dichloropropylene	14.6		"	10.0	ND	146	91.7-131	High Bias			
1,2,3-Trichlorobenzene	10.4		"	10.0	ND	104	75.9-130				
1,2,3-Trichloropropane	8.84		"	10.0	ND	88.4	77.1-140				
1,2,4-Trichlorobenzene	10.6		"	10.0	ND	106	69.8-135				
1,2,4-Trimethylbenzene	10.1		"	10.0	0.110	99.7	79.4-131				
1,2-Dibromo-3-chloropropane	9.13		"	10.0	ND	91.3	66.6-143				
1,2-Dibromoethane	10.3		"	10.0	ND	103	79.8-136				
1,2-Dichlorobenzene	9.65		"	10.0	ND	96.5	79.9-130				
1,2-Dichloroethane	9.88		"	10.0	ND	98.8	85-133				
1,2-Dichloropropane	10.0		"	10.0	ND	100	81.1-132				
1,3,5-Trimethylbenzene	9.53		"	10.0	ND	95.3	76.1-121				
1,3-Dichlorobenzene	9.56		"	10.0	ND	95.6	79.1-124				
1,3-Dichloropropane	9.47		"	10.0	ND	94.7	83.3-130				
1,4-Dichlorobenzene	9.32		"	10.0	ND	93.2	79.4-128				
2,2-Dichloropropane	9.15		"	10.0	ND	91.5	54.2-126				
2-Chlorotoluene	9.55		"	10.0	ND	95.5	60.2-144				
2-Hexanone	11.2		"	10.0	ND	112	70-130				
4-Chlorotoluene	9.65		"	10.0	ND	96.5	79.8-128				
Acetone	58.7		"	10.0	2.47	562	70-130	High Bias			
Benzene	10.6		"	10.0	ND	106	74.1-134				
Bromobenzene	9.37		"	10.0	ND	93.7	76.6-125				
Bromochloromethane	10.2		"	10.0	ND	102	85-133				
Bromodichloromethane	10.2		"	10.0	ND	102	80.8-143				
Bromoform	9.44		"	10.0	ND	94.4	65.8-164				
Bromomethane	10.5		"	10.0	ND	105	68.7-112				
Carbon tetrachloride	13.3		"	10.0	ND	133	85.7-138				
Chlorobenzene	9.92		"	10.0	ND	99.2	79.9-129				
Chloroethane	10.0		"	10.0	ND	100	74.7-127				
Chloroform	10.1		"	10.0	ND	101	50.6-145				
Chloromethane	7.62		"	10.0	0.130	74.9	64-111				
cis-1,2-Dichloroethylene	10.5		"	10.0	0.190	103	75.5-129				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC21192 - EPA 5030B											
Matrix Spike (BC21192-MS1)	*Source sample: 12C0883-04 (MW-98-05B)						Prepared & Analyzed: 03/29/2012				
cis-1,3-Dichloropropylene	9.00		ug/L	10.0	ND	90.0	74.3-128				
Dibromochloromethane	9.63		"	10.0	ND	96.3	76.8-150				
Dibromomethane	9.91		"	10.0	ND	99.1	83.3-140				
Dichlorodifluoromethane	6.12		"	10.0	ND	61.2	51-100				
Ethyl Benzene	10.6		"	10.0	ND	106	82.9-127				
Hexachlorobutadiene	9.95		"	10.0	ND	99.5	73-128				
Isopropylbenzene	10.4		"	10.0	ND	104	78.7-131				
Methyl tert-butyl ether (MTBE)	14.7		"	10.0	ND	147	81.2-134	High Bias			
Methylene chloride	6.12		"	10.0	1.03	50.9	57.8-103	Low Bias			
Naphthalene	10.4		"	10.0	0.220	102	80.1-122				
n-Butylbenzene	10.1		"	10.0	ND	101	72.4-120				
n-Propylbenzene	9.96		"	10.0	ND	99.6	74-130				
o-Xylene	9.93		"	10.0	ND	99.3	78.8-122				
p- & m- Xylenes	20.1		"	20.0	0.200	99.3	82.5-123				
p-Isopropyltoluene	9.99		"	10.0	ND	99.9	64.9-132				
sec-Butylbenzene	9.81		"	10.0	ND	98.1	25.4-151				
Styrene	9.71		"	10.0	ND	97.1	74.1-134				
tert-Butylbenzene	10.7		"	10.0	ND	107	79.5-171				
Tetrachloroethylene	10.1		"	10.0	ND	101	72.5-130				
Toluene	11.1		"	10.0	3.77	72.9	77.8-121	Low Bias			
trans-1,2-Dichloroethylene	10.1		"	10.0	ND	101	83.8-140				
trans-1,3-Dichloropropylene	9.56		"	10.0	ND	95.6	74.9-136				
Trichloroethylene	10.0		"	10.0	ND	100	84.4-125				
Trichlorofluoromethane	10.1		"	10.0	ND	101	78.7-127				
Vinyl Chloride	8.51		"	10.0	ND	85.1	72.1-116				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.81</i>		<i>"</i>	<i>10.0</i>		<i>98.1</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.52</i>		<i>"</i>	<i>10.0</i>		<i>95.2</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.66</i>		<i>"</i>	<i>10.0</i>		<i>96.6</i>	<i>81.2-127</i>				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BC21192 - EPA 5030B											
Matrix Spike Dup (BC21192-MSD1)	*Source sample: 12C0883-04 (MW-98-05B)						Prepared & Analyzed: 03/29/2012				
1,1,1,2-Tetrachloroethane	9.48		ug/L	10.0	ND	94.8	82-138		6.43	21.3	
1,1,1-Trichloroethane	9.66		"	10.0	ND	96.6	85.7-133		7.38	22.6	
1,1,2,2-Tetrachloroethane	9.03		"	10.0	ND	90.3	78.6-136		2.73	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.69		"	10.0	ND	86.9	74.8-131		13.4	25.6	
1,1,2-Trichloroethane	9.54		"	10.0	ND	95.4	82.5-129		0.523	19.3	
1,1-Dichloroethane	9.87		"	10.0	ND	98.7	81.4-137		6.85	20.7	
1,1-Dichloroethylene	9.33		"	10.0	ND	93.3	90-138		11.3	22.9	
1,1-Dichloropropylene	13.7		"	10.0	ND	137	91.7-131	High Bias	6.30	24.9	
1,2,3-Trichlorobenzene	10.2		"	10.0	ND	102	75.9-130		1.75	21.4	
1,2,3-Trichloropropane	8.73		"	10.0	ND	87.3	77.1-140		1.25	28	
1,2,4-Trichlorobenzene	10.6		"	10.0	ND	106	69.8-135		0.755	22.5	
1,2,4-Trimethylbenzene	9.96		"	10.0	0.110	98.5	79.4-131		1.21	33.9	
1,2-Dibromo-3-chloropropane	9.94		"	10.0	ND	99.4	66.6-143		8.50	23.3	
1,2-Dibromoethane	10.2		"	10.0	ND	102	79.8-136		1.17	19.1	
1,2-Dichlorobenzene	9.38		"	10.0	ND	93.8	79.9-130		2.84	23.2	
1,2-Dichloroethane	9.25		"	10.0	ND	92.5	85-133		6.59	19.1	
1,2-Dichloropropane	9.63		"	10.0	ND	96.3	81.1-132		4.27	19.9	
1,3,5-Trimethylbenzene	9.82		"	10.0	ND	98.2	76.1-121		3.00	31.2	
1,3-Dichlorobenzene	9.21		"	10.0	ND	92.1	79.1-124		3.73	22.6	
1,3-Dichloropropane	9.34		"	10.0	ND	93.4	83.3-130		1.38	20.9	
1,4-Dichlorobenzene	9.29		"	10.0	ND	92.9	79.4-128		0.322	21	
2,2-Dichloropropane	8.27		"	10.0	ND	82.7	54.2-126		10.1	24.5	
2-Chlorotoluene	9.28		"	10.0	ND	92.8	60.2-144		2.87	30.8	
2-Hexanone	9.93		"	10.0	ND	99.3	70-130		11.7	30	
4-Chlorotoluene	9.47		"	10.0	ND	94.7	79.8-128		1.88	23.2	
Acetone	3.73		"	10.0	2.47	12.6	70-130	Low Bias	191	30	Non-dir.
Benzene	9.94		"	10.0	ND	99.4	74.1-134		6.05	20.8	
Bromobenzene	8.81		"	10.0	ND	88.1	76.6-125		6.16	23	
Bromochloromethane	9.66		"	10.0	ND	96.6	85-133		5.05	18.4	
Bromodichloromethane	10.0		"	10.0	ND	100	80.8-143		1.48	18.1	
Bromoform	9.17		"	10.0	ND	91.7	65.8-164		2.90	27.3	
Bromomethane	8.96		"	10.0	ND	89.6	68.7-112		15.4	22.8	
Carbon tetrachloride	12.2		"	10.0	ND	122	85.7-138		9.09	25.1	
Chlorobenzene	9.68		"	10.0	ND	96.8	79.9-129		2.45	21	
Chloroethane	9.02		"	10.0	ND	90.2	74.7-127		10.4	23.7	
Chloroform	9.63		"	10.0	ND	96.3	50.6-145		5.16	21.7	
Chloromethane	6.93		"	10.0	0.130	68.0	64-111		9.66	21.4	
cis-1,2-Dichloroethylene	9.84		"	10.0	0.190	96.5	75.5-129		6.42	20.2	
cis-1,3-Dichloropropylene	8.73		"	10.0	ND	87.3	74.3-128		3.05	19.8	
Dibromochloromethane	9.16		"	10.0	ND	91.6	76.8-150		5.00	20.8	
Dibromomethane	9.85		"	10.0	ND	98.5	83.3-140		0.607	20.4	
Dichlorodifluoromethane	5.38		"	10.0	ND	53.8	51-100		12.9	27.6	
Ethyl Benzene	10.2		"	10.0	ND	102	82.9-127		3.36	21.4	
Hexachlorobutadiene	10.2		"	10.0	ND	102	73-128		2.68	26	
Isopropylbenzene	9.97		"	10.0	ND	99.7	78.7-131		4.03	26.7	
Methyl tert-butyl ether (MTBE)	13.6		"	10.0	ND	136	81.2-134	High Bias	7.34	21.2	
Methylene chloride	5.76		"	10.0	1.03	47.3	57.8-103	Low Bias	7.33	21.2	
Naphthalene	11.0		"	10.0	0.220	107	80.1-122		5.26	26.1	
n-Butylbenzene	9.93		"	10.0	ND	99.3	72.4-120		1.90	30.8	
n-Propylbenzene	9.58		"	10.0	ND	95.8	74-130		3.89	31	
o-Xylene	9.66		"	10.0	ND	96.6	78.8-122		2.76	21	
p- & m- Xylenes	19.7		"	20.0	0.200	97.6	82.5-123		1.73	22.5	
p-Isopropyltoluene	9.85		"	10.0	ND	98.5	64.9-132		1.41	25.2	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21192 - EPA 5030B

Matrix Spike Dup (BC21192-MSD1)		*Source sample: 12C0883-04 (MW-98-05B)				Prepared & Analyzed: 03/29/2012					
sec-Butylbenzene	9.45		ug/L	10.0	ND	94.5	25.4-151		3.74	25.2	
Styrene	9.48		"	10.0	ND	94.8	74.1-134		2.40	20	
tert-Butylbenzene	9.49		"	10.0	ND	94.9	79.5-171		12.4	24.8	
Tetrachloroethylene	9.81		"	10.0	ND	98.1	72.5-130		3.31	22.7	
Toluene	12.2		"	10.0	3.77	84.2	77.8-121		14.4	21.5	
trans-1,2-Dichloroethylene	9.27		"	10.0	ND	92.7	83.8-140		8.87	20.1	
trans-1,3-Dichloropropylene	9.38		"	10.0	ND	93.8	74.9-136		1.90	22.5	
Trichloroethylene	9.61		"	10.0	ND	96.1	84.4-125		4.18	20.7	
Trichlorofluoromethane	8.90		"	10.0	ND	89.0	78.7-127		12.8	24.7	
Vinyl Chloride	7.77		"	10.0	ND	77.7	72.1-116		9.09	24.9	
Surrogate: 1,2-Dichloroethane-d4	9.39		"	10.0		93.9	72.6-129				
Surrogate: p-Bromofluorobenzene	9.54		"	10.0		95.4	63.5-145				
Surrogate: Toluene-d8	9.57		"	10.0		95.7	81.2-127				

Batch BC21193 - EPA 5030B

Blank (BC21193-BLK1)		Prepared & Analyzed: 03/29/2012									
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.7	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21193 - EPA 5030B

Blank (BC21193-BLK1)

Prepared & Analyzed: 03/29/2012

Chloromethane	ND	0.50	ug/L								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	0.96	2.0	"								
Naphthalene	0.71	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.60		"	10.0		96.0	72.6-129				
Surrogate: p-Bromofluorobenzene	10.1		"	10.0		101	63.5-145				
Surrogate: Toluene-d8	9.93		"	10.0		99.3	81.2-127				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit			Result		Limits			Limit	Flag
Batch BC21193 - EPA 5030B											
LCS (BC21193-BS1)				Prepared & Analyzed: 03/29/2012							
1,1,1,2-Tetrachloroethane	9.56		ug/L	10.0		95.6	82.3-130				
1,1,1-Trichloroethane	9.74		"	10.0		97.4	75.6-137				
1,1,2,2-Tetrachloroethane	9.12		"	10.0		91.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129				
1,1,2-Trichloroethane	9.50		"	10.0		95.0	74.5-129				
1,1-Dichloroethane	9.90		"	10.0		99.0	79.6-132				
1,1-Dichloroethylene	10.4		"	10.0		104	80.2-146				
1,1-Dichloropropylene	14.3		"	10.0		143	75-136	High Bias			
1,2,3-Trichlorobenzene	9.60		"	10.0		96.0	66.1-136				
1,2,3-Trichloropropane	8.86		"	10.0		88.6	63-131				
1,2,4-Trichlorobenzene	9.76		"	10.0		97.6	70.6-136				
1,2,4-Trimethylbenzene	9.90		"	10.0		99.0	75.3-135				
1,2-Dibromo-3-chloropropane	8.74		"	10.0		87.4	58.9-140				
1,2-Dibromoethane	9.64		"	10.0		96.4	79-130				
1,2-Dichlorobenzene	9.16		"	10.0		91.6	76.1-122				
1,2-Dichloroethane	9.05		"	10.0		90.5	74.6-132				
1,2-Dichloropropane	9.74		"	10.0		97.4	76.9-129				
1,3,5-Trimethylbenzene	9.68		"	10.0		96.8	70.6-127				
1,3-Dichlorobenzene	9.29		"	10.0		92.9	77-124				
1,3-Dichloropropane	9.13		"	10.0		91.3	75.8-126				
1,4-Dichlorobenzene	9.30		"	10.0		93.0	76.6-125				
2,2-Dichloropropane	10.9		"	10.0		109	69-133				
2-Chlorotoluene	9.59		"	10.0		95.9	66.3-119				
2-Hexanone	8.89		"	10.0		88.9	70-130				
4-Chlorotoluene	10.0		"	10.0		100	69.2-127				
Acetone	4.26		"	10.0		42.6	70-130	Low Bias			
Benzene	9.89		"	10.0		98.9	76.2-129				
Bromobenzene	9.08		"	10.0		90.8	71.3-123				
Bromochloromethane	9.56		"	10.0		95.6	70.8-137				
Bromodichloromethane	9.59		"	10.0		95.9	79.7-134				
Bromoform	9.19		"	10.0		91.9	70.5-141				
Bromomethane	9.66		"	10.0		96.6	43.9-147				
Carbon tetrachloride	13.6		"	10.0		136	78.1-138				
Chlorobenzene	9.68		"	10.0		96.8	80.4-125				
Chloroethane	9.51		"	10.0		95.1	55.8-140				
Chloroform	9.25		"	10.0		92.5	76.6-133				
Chloromethane	7.48		"	10.0		74.8	48.8-115				
cis-1,2-Dichloroethylene	9.83		"	10.0		98.3	75.1-128				
cis-1,3-Dichloropropylene	9.51		"	10.0		95.1	74.5-128				
Dibromochloromethane	9.02		"	10.0		90.2	79.8-134				
Dibromomethane	9.94		"	10.0		99.4	79-130				
Dichlorodifluoromethane	7.51		"	10.0		75.1	47.1-101				
Ethyl Benzene	10.0		"	10.0		100	80.8-128				
Hexachlorobutadiene	9.28		"	10.0		92.8	64.8-128				
Isopropylbenzene	10.4		"	10.0		104	75.5-135				
Methyl tert-butyl ether (MTBE)	13.0		"	10.0		130	65.1-140				
Methylene chloride	6.82		"	10.0		68.2	61.3-120				
Naphthalene	8.36		"	10.0		83.6	62.3-148				
n-Butylbenzene	9.74		"	10.0		97.4	67.2-123				
n-Propylbenzene	9.85		"	10.0		98.5	70.5-127				
o-Xylene	9.56		"	10.0		95.6	75.9-122				
p- & m- Xylenes	19.8		"	20.0		99.0	77.7-127				
p-Isopropyltoluene	9.98		"	10.0		99.8	75.6-129				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC21193 - EPA 5030B											
LCS (BC21193-BS1)						Prepared & Analyzed: 03/29/2012					
sec-Butylbenzene	9.73		ug/L	10.0		97.3	71.5-125				
Styrene	9.75		"	10.0		97.5	77.8-123				
tert-Butylbenzene	10.4		"	10.0		104	75.9-151				
Tetrachloroethylene	10.2		"	10.0		102	63.6-167				
Toluene	9.82		"	10.0		98.2	77-123				
trans-1,2-Dichloroethylene	9.68		"	10.0		96.8	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	9.66		"	10.0		96.6	77.9-130				
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133				
Vinyl Chloride	9.07		"	10.0		90.7	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.21</i>		<i>"</i>	<i>10.0</i>		<i>92.1</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.90</i>		<i>"</i>	<i>10.0</i>		<i>99.0</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>81.2-127</i>				
LCS Dup (BC21193-BSD1)						Prepared & Analyzed: 03/29/2012					
1,1,1,2-Tetrachloroethane	9.39		ug/L	10.0		93.9	82.3-130		1.79	21.1	
1,1,1-Trichloroethane	9.28		"	10.0		92.8	75.6-137		4.84	19.7	
1,1,2,2-Tetrachloroethane	8.90		"	10.0		89.0	71.3-131		2.44	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.79		"	10.0		97.9	71.1-129		5.27	21.7	
1,1,2-Trichloroethane	9.07		"	10.0		90.7	74.5-129		4.63	20.3	
1,1-Dichloroethane	9.92		"	10.0		99.2	79.6-132		0.202	20.6	
1,1-Dichloroethylene	9.53		"	10.0		95.3	80.2-146		8.83	20	
1,1-Dichloropropylene	13.2		"	10.0		132	75-136		8.13	19.3	
1,2,3-Trichlorobenzene	9.38		"	10.0		93.8	66.1-136		2.32	21.6	
1,2,3-Trichloropropane	8.55		"	10.0		85.5	63-131		3.56	23.9	
1,2,4-Trichlorobenzene	9.87		"	10.0		98.7	70.6-136		1.12	21.7	
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	75.3-135		6.04	18.8	
1,2-Dibromo-3-chloropropane	9.51		"	10.0		95.1	58.9-140		8.44	27.7	
1,2-Dibromoethane	9.83		"	10.0		98.3	79-130		1.95	23	
1,2-Dichlorobenzene	9.10		"	10.0		91.0	76.1-122		0.657	19.8	
1,2-Dichloroethane	9.31		"	10.0		93.1	74.6-132		2.83	20.2	
1,2-Dichloropropane	9.66		"	10.0		96.6	76.9-129		0.825	20.7	
1,3,5-Trimethylbenzene	9.17		"	10.0		91.7	70.6-127		5.41	18.9	
1,3-Dichlorobenzene	8.86		"	10.0		88.6	77-124		4.74	19.2	
1,3-Dichloropropane	9.17		"	10.0		91.7	75.8-126		0.437	22.1	
1,4-Dichlorobenzene	8.87		"	10.0		88.7	76.6-125		4.73	18.6	
2,2-Dichloropropane	10.3		"	10.0		103	69-133		5.19	19.8	
2-Chlorotoluene	8.92		"	10.0		89.2	66.3-119		7.24	21.6	
2-Hexanone	9.96		"	10.0		99.6	70-130		11.4	30	
4-Chlorotoluene	9.54		"	10.0		95.4	69.2-127		4.71	19	
Acetone	3.97		"	10.0		39.7	70-130	Low Bias	7.05	30	
Benzene	9.64		"	10.0		96.4	76.2-129		2.56	19	
Bromobenzene	8.88		"	10.0		88.8	71.3-123		2.23	20.3	
Bromochloromethane	9.72		"	10.0		97.2	70.8-137		1.66	23.9	
Bromodichloromethane	9.50		"	10.0		95.0	79.7-134		0.943	21	
Bromoform	9.01		"	10.0		90.1	70.5-141		1.98	21.8	
Bromomethane	9.45		"	10.0		94.5	43.9-147		2.20	28.4	
Carbon tetrachloride	12.7		"	10.0		127	78.1-138		7.23	20.1	
Chlorobenzene	9.33		"	10.0		93.3	80.4-125		3.68	19.9	
Chloroethane	8.87		"	10.0		88.7	55.8-140		6.96	23.3	
Chloroform	9.20		"	10.0		92.0	76.6-133		0.542	20.3	
Chloromethane	7.23		"	10.0		72.3	48.8-115		3.40	24.5	
cis-1,2-Dichloroethylene	9.66		"	10.0		96.6	75.1-128		1.74	20.5	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC21193 - EPA 5030B											
LCS Dup (BC21193-BSD1)						Prepared & Analyzed: 03/29/2012					
cis-1,3-Dichloropropylene	9.34		ug/L	10.0		93.4	74.5-128		1.80	19.9	
Dibromochloromethane	9.12		"	10.0		91.2	79.8-134		1.10	21.3	
Dibromomethane	9.82		"	10.0		98.2	79-130		1.21	22.4	
Dichlorodifluoromethane	7.08		"	10.0		70.8	47.1-101		5.89	23.9	
Ethyl Benzene	9.75		"	10.0		97.5	80.8-128		3.03	19.2	
Hexachlorobutadiene	8.60		"	10.0		86.0	64.8-128		7.61	20.6	
Isopropylbenzene	9.61		"	10.0		96.1	75.5-135		7.80	20	
Methyl tert-butyl ether (MTBE)	13.4		"	10.0		134	65.1-140		3.17	23.6	
Methylene chloride	6.77		"	10.0		67.7	61.3-120		0.736	20.4	
Naphthalene	9.00		"	10.0		90.0	62.3-148		7.37	27.1	
n-Butylbenzene	8.95		"	10.0		89.5	67.2-123		8.45	19.1	
n-Propylbenzene	9.26		"	10.0		92.6	70.5-127		6.17	23.4	
o-Xylene	9.23		"	10.0		92.3	75.9-122		3.51	19.3	
p- & m- Xylenes	19.0		"	20.0		95.0	77.7-127		4.07	18.6	
p-Isopropyltoluene	9.10		"	10.0		91.0	75.6-129		9.22	19.1	
sec-Butylbenzene	9.07		"	10.0		90.7	71.5-125		7.02	18.9	
Styrene	9.43		"	10.0		94.3	77.8-123		3.34	20.9	
tert-Butylbenzene	9.63		"	10.0		96.3	75.9-151		7.40	20.9	
Tetrachloroethylene	9.49		"	10.0		94.9	63.6-167		7.41	27.7	
Toluene	9.38		"	10.0		93.8	77-123		4.58	18.7	
trans-1,2-Dichloroethylene	9.32		"	10.0		93.2	76.3-139		3.79	19.5	
trans-1,3-Dichloropropylene	9.91		"	10.0		99.1	72.5-137		1.80	19.3	
Trichloroethylene	9.21		"	10.0		92.1	77.9-130		4.77	20.5	
Trichlorofluoromethane	9.30		"	10.0		93.0	57.4-133		9.13	21.4	
Vinyl Chloride	8.63		"	10.0		86.3	54.9-124		4.97	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.76</i>		<i>"</i>	<i>10.0</i>		<i>97.6</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.80</i>		<i>"</i>	<i>10.0</i>		<i>98.0</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>81.2-127</i>				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21197 - EPA 5030B

Blank (BC21197-BLK1)

Prepared: 03/29/2012 Analyzed: 03/30/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	0.51	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	3.4	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	2.1	2.0	"
Naphthalene	1.7	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD		
		Limit			Result		Limits		RPD	Limit	Flag

Batch BC21197 - EPA 5030B

Blank (BC21197-BLK1)

Prepared: 03/29/2012 Analyzed: 03/30/2012

sec-Butylbenzene	ND	0.50	ug/L
Styrene	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4	9.59	"	10.0	95.9	72.6-129
Surrogate: p-Bromofluorobenzene	9.57	"	10.0	95.7	63.5-145
Surrogate: Toluene-d8	9.67	"	10.0	96.7	81.2-127

LCS (BC21197-BS1)

Prepared: 03/29/2012 Analyzed: 03/30/2012

1,1,1,2-Tetrachloroethane	10.2	ug/L	10.0	102	82.3-130
1,1,1-Trichloroethane	10.2	"	10.0	102	75.6-137
1,1,2,2-Tetrachloroethane	9.06	"	10.0	90.6	71.3-131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.75	"	10.0	97.5	71.1-129
1,1,2-Trichloroethane	10.3	"	10.0	103	74.5-129
1,1-Dichloroethane	10.4	"	10.0	104	79.6-132
1,1-Dichloroethylene	10.0	"	10.0	100	80.2-146
1,1-Dichloropropylene	12.5	"	10.0	125	75-136
1,2,3-Trichlorobenzene	11.0	"	10.0	110	66.1-136
1,2,3-Trichloropropane	10.0	"	10.0	100	63-131
1,2,4-Trichlorobenzene	10.9	"	10.0	109	70.6-136
1,2,4-Trimethylbenzene	10.4	"	10.0	104	75.3-135
1,2-Dibromo-3-chloropropane	10.0	"	10.0	100	58.9-140
1,2-Dibromoethane	10.8	"	10.0	108	79-130
1,2-Dichlorobenzene	9.94	"	10.0	99.4	76.1-122
1,2-Dichloroethane	10.2	"	10.0	102	74.6-132
1,2-Dichloropropane	10.3	"	10.0	103	76.9-129
1,3,5-Trimethylbenzene	10.3	"	10.0	103	70.6-127
1,3-Dichlorobenzene	9.86	"	10.0	98.6	77-124
1,3-Dichloropropane	9.98	"	10.0	99.8	75.8-126
1,4-Dichlorobenzene	10.1	"	10.0	101	76.6-125
2,2-Dichloropropane	8.44	"	10.0	84.4	69-133
2-Chlorotoluene	9.71	"	10.0	97.1	66.3-119
2-Hexanone	11.2	"	10.0	112	70-130
4-Chlorotoluene	10.1	"	10.0	101	69.2-127
Acetone	2.78	"	10.0	27.8	70-130
Benzene	10.3	"	10.0	103	76.2-129
Bromobenzene	9.69	"	10.0	96.9	71.3-123
Bromochloromethane	10.8	"	10.0	108	70.8-137
Bromodichloromethane	10.7	"	10.0	107	79.7-134
Bromoform	10.5	"	10.0	105	70.5-141
Bromomethane	9.26	"	10.0	92.6	43.9-147
Carbon tetrachloride	12.2	"	10.0	122	78.1-138
Chlorobenzene	10.1	"	10.0	101	80.4-125
Chloroethane	9.91	"	10.0	99.1	55.8-140
Chloroform	10.3	"	10.0	103	76.6-133
Chloromethane	8.00	"	10.0	80.0	48.8-115



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21197 - EPA 5030B

LCS (BC21197-BS1)

Prepared: 03/29/2012 Analyzed: 03/30/2012

cis-1,2-Dichloroethylene	10.2		ug/L	10.0		102	75.1-128				
cis-1,3-Dichloropropylene	9.57		"	10.0		95.7	74.5-128				
Dibromochloromethane	10.2		"	10.0		102	79.8-134				
Dibromomethane	10.8		"	10.0		108	79-130				
Dichlorodifluoromethane	6.87		"	10.0		68.7	47.1-101				
Ethyl Benzene	10.6		"	10.0		106	80.8-128				
Hexachlorobutadiene	9.99		"	10.0		99.9	64.8-128				
Isopropylbenzene	10.6		"	10.0		106	75.5-135				
Methyl tert-butyl ether (MTBE)	14.9		"	10.0		149	65.1-140	High Bias			
Methylene chloride	6.70		"	10.0		67.0	61.3-120				
Naphthalene	12.1		"	10.0		121	62.3-148				
n-Butylbenzene	10.1		"	10.0		101	67.2-123				
n-Propylbenzene	10.1		"	10.0		101	70.5-127				
o-Xylene	9.98		"	10.0		99.8	75.9-122				
p- & m- Xylenes	20.2		"	20.0		101	77.7-127				
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129				
sec-Butylbenzene	10.1		"	10.0		101	71.5-125				
Styrene	10.4		"	10.0		104	77.8-123				
tert-Butylbenzene	9.15		"	10.0		91.5	75.9-151				
Tetrachloroethylene	17.6		"	10.0		176	63.6-167	High Bias			
Toluene	10.2		"	10.0		102	77-123				
trans-1,2-Dichloroethylene	9.91		"	10.0		99.1	76.3-139				
trans-1,3-Dichloropropylene	9.96		"	10.0		99.6	72.5-137				
Trichloroethylene	10.7		"	10.0		107	77.9-130				
Trichlorofluoromethane	9.81		"	10.0		98.1	57.4-133				
Vinyl Chloride	8.69		"	10.0		86.9	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.81		"	10.0		98.1	72.6-129				
Surrogate: p-Bromofluorobenzene	9.90		"	10.0		99.0	63.5-145				
Surrogate: Toluene-d8	9.71		"	10.0		97.1	81.2-127				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC21197 - EPA 5030B											
LCS Dup (BC21197-BSD1)						Prepared: 03/29/2012 Analyzed: 03/30/2012					
1,1,1,2-Tetrachloroethane	9.82		ug/L	10.0		98.2	82.3-130		3.89	21.1	
1,1,1-Trichloroethane	9.70		"	10.0		97.0	75.6-137		4.63	19.7	
1,1,2,2-Tetrachloroethane	9.47		"	10.0		94.7	71.3-131		4.43	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.91		"	10.0		89.1	71.1-129		9.00	21.7	
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129		1.27	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		3.32	20.6	
1,1-Dichloroethylene	9.42		"	10.0		94.2	80.2-146		6.37	20	
1,1-Dichloropropylene	11.9		"	10.0		119	75-136		4.75	19.3	
1,2,3-Trichlorobenzene	10.3		"	10.0		103	66.1-136		6.77	21.6	
1,2,3-Trichloropropane	8.74		"	10.0		87.4	63-131		13.6	23.9	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136		4.88	21.7	
1,2,4-Trimethylbenzene	9.64		"	10.0		96.4	75.3-135		7.68	18.8	
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	58.9-140		3.43	27.7	
1,2-Dibromoethane	10.6		"	10.0		106	79-130		1.96	23	
1,2-Dichlorobenzene	9.68		"	10.0		96.8	76.1-122		2.65	19.8	
1,2-Dichloroethane	9.94		"	10.0		99.4	74.6-132		2.29	20.2	
1,2-Dichloropropane	10.0		"	10.0		100	76.9-129		2.75	20.7	
1,3,5-Trimethylbenzene	9.47		"	10.0		94.7	70.6-127		8.01	18.9	
1,3-Dichlorobenzene	9.03		"	10.0		90.3	77-124		8.79	19.2	
1,3-Dichloropropane	9.62		"	10.0		96.2	75.8-126		3.67	22.1	
1,4-Dichlorobenzene	9.20		"	10.0		92.0	76.6-125		9.03	18.6	
2,2-Dichloropropane	7.92		"	10.0		79.2	69-133		6.36	19.8	
2-Chlorotoluene	8.81		"	10.0		88.1	66.3-119		9.72	21.6	
2-Hexanone	10.7		"	10.0		107	70-130		4.66	30	
4-Chlorotoluene	9.29		"	10.0		92.9	69.2-127		8.16	19	
Acetone	2.73		"	10.0		27.3	70-130	Low Bias	1.81	30	
Benzene	10.0		"	10.0		100	76.2-129		2.75	19	
Bromobenzene	8.93		"	10.0		89.3	71.3-123		8.16	20.3	
Bromochloromethane	10.4		"	10.0		104	70.8-137		4.72	23.9	
Bromodichloromethane	9.99		"	10.0		99.9	79.7-134		6.49	21	
Bromoform	9.27		"	10.0		92.7	70.5-141		12.7	21.8	
Bromomethane	8.87		"	10.0		88.7	43.9-147		4.30	28.4	
Carbon tetrachloride	11.7		"	10.0		117	78.1-138		4.53	20.1	
Chlorobenzene	9.54		"	10.0		95.4	80.4-125		5.70	19.9	
Chloroethane	9.63		"	10.0		96.3	55.8-140		2.87	23.3	
Chloroform	9.93		"	10.0		99.3	76.6-133		3.27	20.3	
Chloromethane	7.57		"	10.0		75.7	48.8-115		5.52	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		0.00	20.5	
cis-1,3-Dichloropropylene	9.17		"	10.0		91.7	74.5-128		4.27	19.9	
Dibromochloromethane	9.64		"	10.0		96.4	79.8-134		5.35	21.3	
Dibromomethane	10.0		"	10.0		100	79-130		7.41	22.4	
Dichlorodifluoromethane	6.30		"	10.0		63.0	47.1-101		8.66	23.9	
Ethyl Benzene	9.93		"	10.0		99.3	80.8-128		6.15	19.2	
Hexachlorobutadiene	9.14		"	10.0		91.4	64.8-128		8.89	20.6	
Isopropylbenzene	9.78		"	10.0		97.8	75.5-135		8.42	20	
Methyl tert-butyl ether (MTBE)	14.5		"	10.0		145	65.1-140	High Bias	2.31	23.6	
Methylene chloride	6.37		"	10.0		63.7	61.3-120		5.05	20.4	
Naphthalene	11.4		"	10.0		114	62.3-148		6.13	27.1	
n-Butylbenzene	9.27		"	10.0		92.7	67.2-123		8.77	19.1	
n-Propylbenzene	9.36		"	10.0		93.6	70.5-127		7.80	23.4	
o-Xylene	9.55		"	10.0		95.5	75.9-122		4.40	19.3	
p- & m- Xylenes	19.1		"	20.0		95.5	77.7-127		5.80	18.6	
p-Isopropyltoluene	9.39		"	10.0		93.9	75.6-129		7.58	19.1	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21197 - EPA 5030B

LCS Dup (BC21197-BSD1)

Prepared: 03/29/2012 Analyzed: 03/30/2012

sec-Butylbenzene	9.15		ug/L	10.0		91.5	71.5-125		9.97	18.9	
Styrene	9.89		"	10.0		98.9	77.8-123		4.74	20.9	
tert-Butylbenzene	9.14		"	10.0		91.4	75.9-151		0.109	20.9	
Tetrachloroethylene	10.1		"	10.0		101	63.6-167		54.7	27.7	Non-dir.
Toluene	9.63		"	10.0		96.3	77-123		6.04	18.7	
trans-1,2-Dichloroethylene	9.29		"	10.0		92.9	76.3-139		6.46	19.5	
trans-1,3-Dichloropropylene	9.63		"	10.0		96.3	72.5-137		3.37	19.3	
Trichloroethylene	9.45		"	10.0		94.5	77.9-130		12.6	20.5	
Trichlorofluoromethane	9.08		"	10.0		90.8	57.4-133		7.73	21.4	
Vinyl Chloride	8.18		"	10.0		81.8	54.9-124		6.05	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.85		"	10.0		98.5	72.6-129				
Surrogate: p-Bromofluorobenzene	9.85		"	10.0		98.5	63.5-145				
Surrogate: Toluene-d8	9.70		"	10.0		97.0	81.2-127				

Batch BC21198 - EPA 5030B

Blank (BC21198-BLK1)

Prepared: 03/29/2012 Analyzed: 03/30/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	3.4	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21198 - EPA 5030B

Blank (BC21198-BLK1)

Prepared: 03/29/2012 Analyzed: 03/30/2012

Chloromethane	ND	0.50	ug/L								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	2.5	2.0	"								
Naphthalene	0.64	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.66		"	10.0		96.6	72.6-129				
Surrogate: p-Bromofluorobenzene	9.33		"	10.0		93.3	63.5-145				
Surrogate: Toluene-d8	9.85		"	10.0		98.5	81.2-127				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC21198 - EPA 5030B											
LCS (BC21198-BS1)						Prepared: 03/29/2012 Analyzed: 03/30/2012					
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82.3-130				
1,1,1-Trichloroethane	10.5		"	10.0		105	75.6-137				
1,1,2,2-Tetrachloroethane	9.30		"	10.0		93.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	71.1-129				
1,1,2-Trichloroethane	10.1		"	10.0		101	74.5-129				
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132				
1,1-Dichloroethylene	10.4		"	10.0		104	80.2-146				
1,1-Dichloropropylene	11.7		"	10.0		117	75-136				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136				
1,2,3-Trichloropropane	8.60		"	10.0		86.0	63-131				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	70.6-136				
1,2,4-Trimethylbenzene	9.69		"	10.0		96.9	75.3-135				
1,2-Dibromo-3-chloropropane	9.07		"	10.0		90.7	58.9-140				
1,2-Dibromoethane	11.1		"	10.0		111	79-130				
1,2-Dichlorobenzene	9.35		"	10.0		93.5	76.1-122				
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132				
1,2-Dichloropropane	10.7		"	10.0		107	76.9-129				
1,3,5-Trimethylbenzene	8.88		"	10.0		88.8	70.6-127				
1,3-Dichlorobenzene	9.15		"	10.0		91.5	77-124				
1,3-Dichloropropane	9.78		"	10.0		97.8	75.8-126				
1,4-Dichlorobenzene	9.27		"	10.0		92.7	76.6-125				
2,2-Dichloropropane	9.02		"	10.0		90.2	69-133				
2-Chlorotoluene	9.16		"	10.0		91.6	66.3-119				
2-Hexanone	10.8		"	10.0		108	70-130				
4-Chlorotoluene	9.35		"	10.0		93.5	69.2-127				
Acetone	3.54		"	10.0		35.4	70-130	Low Bias			
Benzene	10.7		"	10.0		107	76.2-129				
Bromobenzene	9.13		"	10.0		91.3	71.3-123				
Bromochloromethane	10.7		"	10.0		107	70.8-137				
Bromodichloromethane	10.6		"	10.0		106	79.7-134				
Bromoform	9.45		"	10.0		94.5	70.5-141				
Bromomethane	9.60		"	10.0		96.0	43.9-147				
Carbon tetrachloride	11.4		"	10.0		114	78.1-138				
Chlorobenzene	10.0		"	10.0		100	80.4-125				
Chloroethane	9.86		"	10.0		98.6	55.8-140				
Chloroform	10.4		"	10.0		104	76.6-133				
Chloromethane	7.89		"	10.0		78.9	48.8-115				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	75.1-128				
cis-1,3-Dichloropropylene	9.54		"	10.0		95.4	74.5-128				
Dibromochloromethane	10.0		"	10.0		100	79.8-134				
Dibromomethane	10.8		"	10.0		108	79-130				
Dichlorodifluoromethane	7.07		"	10.0		70.7	47.1-101				
Ethyl Benzene	10.6		"	10.0		106	80.8-128				
Hexachlorobutadiene	9.26		"	10.0		92.6	64.8-128				
Isopropylbenzene	9.88		"	10.0		98.8	75.5-135				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	65.1-140				
Methylene chloride	6.88		"	10.0		68.8	61.3-120				
Naphthalene	9.67		"	10.0		96.7	62.3-148				
n-Butylbenzene	9.39		"	10.0		93.9	67.2-123				
n-Propylbenzene	9.38		"	10.0		93.8	70.5-127				
o-Xylene	9.78		"	10.0		97.8	75.9-122				
p- & m- Xylenes	20.6		"	20.0		103	77.7-127				
p-Isopropyltoluene	9.46		"	10.0		94.6	75.6-129				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BC21198 - EPA 5030B

LCS (BC21198-BS1)

Prepared: 03/29/2012 Analyzed: 03/30/2012

sec-Butylbenzene	9.28		ug/L	10.0		92.8	71.5-125				
Styrene	10.2		"	10.0		102	77.8-123				
tert-Butylbenzene	9.23		"	10.0		92.3	75.9-151				
Tetrachloroethylene	12.3		"	10.0		123	63.6-167				
Toluene	10.0		"	10.0		100	77-123				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76.3-139				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	72.5-137				
Trichloroethylene	10.0		"	10.0		100	77.9-130				
Trichlorofluoromethane	10.3		"	10.0		103	57.4-133				
Vinyl Chloride	9.07		"	10.0		90.7	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.99</i>		<i>"</i>	<i>10.0</i>		<i>99.9</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.67</i>		<i>"</i>	<i>10.0</i>		<i>96.7</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>	<i>81.2-127</i>				

LCS Dup (BC21198-BSD1)

Prepared: 03/29/2012 Analyzed: 03/30/2012

1,1,1,2-Tetrachloroethane	9.46		ug/L	10.0		94.6	82.3-130		7.43	21.1	
1,1,1-Trichloroethane	9.21		"	10.0		92.1	75.6-137		12.7	19.7	
1,1,2,2-Tetrachloroethane	8.67		"	10.0		86.7	71.3-131		7.01	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.98		"	10.0		89.8	71.1-129		15.1	21.7	
1,1,2-Trichloroethane	9.51		"	10.0		95.1	74.5-129		5.82	20.3	
1,1-Dichloroethane	9.74		"	10.0		97.4	79.6-132		12.2	20.6	
1,1-Dichloroethylene	9.25		"	10.0		92.5	80.2-146		11.2	20	
1,1-Dichloropropylene	11.1		"	10.0		111	75-136		4.91	19.3	
1,2,3-Trichlorobenzene	9.83		"	10.0		98.3	66.1-136		2.81	21.6	
1,2,3-Trichloropropane	7.68		"	10.0		76.8	63-131		11.3	23.9	
1,2,4-Trichlorobenzene	9.56		"	10.0		95.6	70.6-136		6.09	21.7	
1,2,4-Trimethylbenzene	8.77		"	10.0		87.7	75.3-135		9.97	18.8	
1,2-Dibromo-3-chloropropane	9.07		"	10.0		90.7	58.9-140		0.00	27.7	
1,2-Dibromoethane	10.2		"	10.0		102	79-130		8.38	23	
1,2-Dichlorobenzene	8.62		"	10.0		86.2	76.1-122		8.12	19.8	
1,2-Dichloroethane	9.28		"	10.0		92.8	74.6-132		13.3	20.2	
1,2-Dichloropropane	9.53		"	10.0		95.3	76.9-129		11.5	20.7	
1,3,5-Trimethylbenzene	8.65		"	10.0		86.5	70.6-127		2.62	18.9	
1,3-Dichlorobenzene	8.55		"	10.0		85.5	77-124		6.78	19.2	
1,3-Dichloropropane	8.98		"	10.0		89.8	75.8-126		8.53	22.1	
1,4-Dichlorobenzene	8.40		"	10.0		84.0	76.6-125		9.85	18.6	
2,2-Dichloropropane	7.77		"	10.0		77.7	69-133		14.9	19.8	
2-Chlorotoluene	8.73		"	10.0		87.3	66.3-119		4.81	21.6	
2-Hexanone	10.0		"	10.0		100	70-130		7.56	30	
4-Chlorotoluene	8.63		"	10.0		86.3	69.2-127		8.01	19	
Acetone	3.71		"	10.0		37.1	70-130	Low Bias	4.69	30	
Benzene	9.50		"	10.0		95.0	76.2-129		12.2	19	
Bromobenzene	8.50		"	10.0		85.0	71.3-123		7.15	20.3	
Bromochloromethane	9.74		"	10.0		97.4	70.8-137		9.30	23.9	
Bromodichloromethane	9.69		"	10.0		96.9	79.7-134		8.97	21	
Bromoform	8.52		"	10.0		85.2	70.5-141		10.4	21.8	
Bromomethane	8.44		"	10.0		84.4	43.9-147		12.9	28.4	
Carbon tetrachloride	10.8		"	10.0		108	78.1-138		5.42	20.1	
Chlorobenzene	9.24		"	10.0		92.4	80.4-125		8.40	19.9	
Chloroethane	8.53		"	10.0		85.3	55.8-140		14.5	23.3	
Chloroform	9.22		"	10.0		92.2	76.6-133		11.6	20.3	
Chloromethane	6.93		"	10.0		69.3	48.8-115		13.0	24.5	
cis-1,2-Dichloroethylene	9.55		"	10.0		95.5	75.1-128		11.5	20.5	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC21198 - EPA 5030B											
LCS Dup (BC21198-BSD1)						Prepared: 03/29/2012 Analyzed: 03/30/2012					
cis-1,3-Dichloropropylene	8.77		ug/L	10.0		87.7	74.5-128		8.41	19.9	
Dibromochloromethane	9.45		"	10.0		94.5	79.8-134		6.15	21.3	
Dibromomethane	9.72		"	10.0		97.2	79-130		10.4	22.4	
Dichlorodifluoromethane	6.02		"	10.0		60.2	47.1-101		16.0	23.9	
Ethyl Benzene	9.59		"	10.0		95.9	80.8-128		10.2	19.2	
Hexachlorobutadiene	8.53		"	10.0		85.3	64.8-128		8.21	20.6	
Isopropylbenzene	8.90		"	10.0		89.0	75.5-135		10.4	20	
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	65.1-140		3.14	23.6	
Methylene chloride	6.24		"	10.0		62.4	61.3-120		9.76	20.4	
Naphthalene	9.15		"	10.0		91.5	62.3-148		5.53	27.1	
n-Butylbenzene	8.38		"	10.0		83.8	67.2-123		11.4	19.1	
n-Propylbenzene	8.47		"	10.0		84.7	70.5-127		10.2	23.4	
o-Xylene	9.23		"	10.0		92.3	75.9-122		5.79	19.3	
p- & m- Xylenes	13.1		"	20.0		65.5	77.7-127	Low Bias	44.7	18.6	Non-dir.
p-Isopropyltoluene	8.51		"	10.0		85.1	75.6-129		10.6	19.1	
sec-Butylbenzene	8.56		"	10.0		85.6	71.5-125		8.07	18.9	
Styrene	9.32		"	10.0		93.2	77.8-123		9.11	20.9	
tert-Butylbenzene	9.07		"	10.0		90.7	75.9-151		1.75	20.9	
Tetrachloroethylene	12.2		"	10.0		122	63.6-167		1.31	27.7	
Toluene	9.20		"	10.0		92.0	77-123		8.73	18.7	
trans-1,2-Dichloroethylene	9.00		"	10.0		90.0	76.3-139		10.7	19.5	
trans-1,3-Dichloropropylene	9.25		"	10.0		92.5	72.5-137		7.79	19.3	
Trichloroethylene	9.23		"	10.0		92.3	77.9-130		8.51	20.5	
Trichlorofluoromethane	8.76		"	10.0		87.6	57.4-133		15.9	21.4	
Vinyl Chloride	7.95		"	10.0		79.5	54.9-124		13.2	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.46</i>		<i>"</i>	<i>10.0</i>		<i>94.6</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.72</i>		<i>"</i>	<i>10.0</i>		<i>97.2</i>	<i>81.2-127</i>				



Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 4

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 12C0883

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Company: LBG, INC.	Company: Same as	Company: Same as									
Address: 4 Research Dr	Address:	Address:									
Phone No: 203-979-8555	Phone No:	Phone No:									
Contact Person: TUDOR SMOY	Attention:	Attention:									
E-Mail Address: TUDOR@LBG.COM	E-Mail Address:	E-Mail Address:									
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.											
Samples Collected/Authorized By (Signature) <u>Caitlin Colwell</u> Name (printed)											
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor											
Volatiles 8260 full 624 STARS list Nassau Co. Suffolk Co. BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App. IX list 8021B list											
Semi-Vols., PearC/filtered 8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCL list NJDEP list App. IX Chlordane SPLP/TCLP 608 PCB											
Metals RCRA8 PP13 list TAL CT15 list TAGM list NJDEP list Total Dissolved SPLP/TCLP TCLP Herb SPLP/TCLP Ind. Metals LIST Below											
Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VPH Air TICs Methane Helium											
Full Lists Pri. Poll. TCL Organics TAL MetCN Full TCLP Full App. IX Part 360/acute Part 360/acute Part 360/acute NYCLP/Sever NYCLP/Sever TAGM											
Common Miscellaneous Parameters Nitrate Nitrite TKN Total Nitrogen Ammonia-N Chloride Phosphate COD Tot. Phos. Oil & Grease TSS F.O.G. pH MBAS											
Special Instructions Field Filtered ☐ Lab to Filter ☐											
Container Description(s) 2 Vials 6 Vials 2 Vials											
Choose Analyses Needed from the Menu Above and Enter Below											
Sample Identification	Date Sampled	Sample Matrix									
MW-98-01A	3/22/12 13:41	GW									
MW-98-04	3/22/12 14:28										
MW-98-05A	3/22/12 12:38										
MW-98-05B	3/22/12 13:44										
MW-45B	3/22/12 10:25										
MW-52A	3/22/12 10:22										
MW-28A	3/22/12 11:23										
MW-28B	3/22/12 10:56										
MW-44A	3/22/12 9:46										
MW-44B	3/22/12 10:15										
Preservation Check those Applicable			4°C ☐ Frozen ☐ HCl ☐ MeOH ☐ HNO ☐ H ₂ O ☐ NaOH ☐ Other ☐								
Comments			* was additional bottles for site specific analysis 3/26/12 9:00 Samples Relinquished By <u>Chloe</u> Date/Time Samples Relinquished By <u>Chloe</u> Date/Time								
Temperature on Receipt			4.1 °C								

YORK

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Page 2 of 4

York Project No. 12C0883

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>LBG, INC.</u>	Company: <u>Same as</u>	Company: <u>Same as</u>	Company: <u>same as</u>	Samples from: CT ☒ NY ☐ NJ ☐		NABSAE		RUSH - Same Day ☐	Summary Report		
Address: <u>4 Research Dr</u>	Address: <u>same as</u>	Address: <u>same as</u>	Address: <u>same as</u>	E-Mail Address: <u>asendax@jagtek.com</u>		Purchase Order No.		RUSH - Next Day ☐	Summary w/ QA Summary		
Phone No. <u>203-429-8555</u>	Phone No. <u>same as</u>	Phone No. <u>same as</u>	Phone No. <u>same as</u>	E-Mail Address: <u>same as</u>				RUSH - Two Day ☐	CT RCP Package		
Contact Person: <u>Trade Sender</u>	Attention: <u>same as</u>	Attention: <u>same as</u>	Attention: <u>same as</u>	E-Mail Address: <u>same as</u>				RUSH - Three Day ☐	NY ASP A Package		
				E-Mail Address: <u>same as</u>				RUSH - Four Day ☐	NY ASP B Package		
				E-Mail Address: <u>same as</u>					Electronic Deliverables:		
				E-Mail Address: <u>same as</u>					EDD (Specify Type)		
				E-Mail Address: <u>same as</u>					Excel		

Matrix Codes		Choose Analyses Needed from the Menu Above and Enter Below	
S - soil	Sample Matrix	VOLs by 8260	
Other - specify (oil, etc.)			
WW - wastewater			
GW - groundwater			
DW - drinking water			
Air-A - ambient air			
Air-SV - soil vapor			

Sample Identification	Date Sampled	Preservation	4°C	Frozen	HCl	MeOH	HNO ₃	H ₂ SO ₄	NaOH	Temperature on Receipt
MW-410A	3/23/12 8:32	CSW								4.1 °C
MW-43A	3/23/12 9:31									
N-32	3/22/12 9:03									
N-37	3/22/12 9:20									
N-38	3/22/12 10:11									
N-39	3/22/12 11:08									
N-16	3/22/12 17:01									
MW-42B	3/23/12 9:11									
MW-43A	3/22/12 16:06									
MW-43B	3/22/12 17:01									

Comments	Samples Relinquished By	Date/Time	Samples Received By	Date/Time
* use additional bottle, 8x size				
Specific m3/m3 47				

YORK

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Field Chain-of-Custody Record

Page 3 of 4

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York Project No. 12C0883

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Company: YORK, INC.	Company: SAME AS	Company: NABASAG	Project ID:		Project ID:		Project ID:		Project ID:		Project ID:																																																																																																																																												
Address: 4 RESEARCH DR.	Address: SAME AS	Address: NABASAG	Project ID:		Project ID:		Project ID:		Project ID:		Project ID:																																																																																																																																												
Phone No. 203-579-8555	Phone No. SAME AS	Phone No. NABASAG	Project ID:		Project ID:		Project ID:		Project ID:		Project ID:																																																																																																																																												
Contact Person: TUDOR DICKINSON	Contact Person: SAME AS	Contact Person: NABASAG	Project ID:		Project ID:		Project ID:		Project ID:		Project ID:																																																																																																																																												
E-Mail Address: tudor@yorklab.com	E-Mail Address: SAME AS	E-Mail Address: NABASAG	Project ID:		Project ID:		Project ID:		Project ID:		Project ID:																																																																																																																																												
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. Samples Collected/Authorized By (Signature): <i>[Signature]</i> Name (printed): <i>Caroline Colwell / Brian Robinson</i>																																																																																																																																																							
Choose Analyses Needed from the Menu Above and Enter Below <table border="1"> <thead> <tr> <th>Sample Identification</th> <th>Date Sampled</th> <th>Sample Matrix</th> <th>Volatiles</th> <th>Semi-Volatiles</th> <th>Metals</th> <th>Misc. Org.</th> <th>Full Lists</th> <th>Common Miscellaneous Parameters</th> <th>Special Instructions</th> </tr> </thead> <tbody> <tr> <td>MW-43C</td> <td>3/22/12 15:37</td> <td>GW</td> <td>8260 full TICs</td> <td>8270 or 625</td> <td>RCRA8</td> <td>TPH GRO</td> <td>Pri. Poll.</td> <td>Color</td> <td></td> </tr> <tr> <td>MW-53</td> <td>3/22/12 15:31</td> <td></td> <td>Site Spec.</td> <td>8082 PCB</td> <td>PP13 list</td> <td>TPH DRO</td> <td>TCL Organics</td> <td>Nitrate</td> <td></td> </tr> <tr> <td>MW-54</td> <td>3/22/12 16:26</td> <td></td> <td>STARS list</td> <td>8081 Pest</td> <td>TAL</td> <td>CT ETPH</td> <td>TAL MetCN</td> <td>Nitrite</td> <td></td> </tr> <tr> <td>MW-49A</td> <td>3/22/12 15:19</td> <td></td> <td>BTEX</td> <td>815 Herb</td> <td>CT RCP</td> <td>NY 310-13</td> <td>Full TCLP</td> <td>TKN</td> <td></td> </tr> <tr> <td>MW-49B</td> <td>3/22/12 13:45</td> <td></td> <td>MTBE</td> <td>App. IX</td> <td>CT RCP</td> <td>Full App. IX</td> <td>Sieve Anal.</td> <td>Flash Point</td> <td></td> </tr> <tr> <td>MW-49C</td> <td>3/22/12 12:55</td> <td></td> <td>TCL list</td> <td>Site Spec.</td> <td>App. IX</td> <td>TPH 1664</td> <td>Helonotops</td> <td>Tot Nitrogen</td> <td></td> </tr> <tr> <td>MW-50B</td> <td>3/22/12 14:42</td> <td></td> <td>TAGM list</td> <td>Site Spec.</td> <td>App. IX</td> <td>Air TO14A</td> <td>Chloride</td> <td>Ammonia-N</td> <td></td> </tr> <tr> <td>MW-48B</td> <td>3/23/12 9:56</td> <td></td> <td>CT RCP list</td> <td>Site Spec.</td> <td>App. IX</td> <td>Air TO15</td> <td>Phosphate</td> <td>BOD5</td> <td></td> </tr> <tr> <td>RW-1</td> <td>3/23/12 8:35</td> <td></td> <td>CT RCP list</td> <td>Site Spec.</td> <td>App. IX</td> <td>Air TO15</td> <td>Phosphate</td> <td>BOD28</td> <td></td> </tr> <tr> <td>MW-51</td> <td>3/23/12 12:03</td> <td></td> <td>CT RCP list</td> <td>Site Spec.</td> <td>App. IX</td> <td>Air TO15</td> <td>Phosphate</td> <td>BOD28</td> <td></td> </tr> <tr> <td colspan="10"> Preservation Check those Applicable: ☐ 4°C ☐ Frozen ☐ HCl ☐ MeOH ☐ Ascorbic Acid </td> </tr> <tr> <td colspan="10"> Comments MW-43C, MW-53, MW-54, MW-49A, MW-49B, MW-49C, MW-50B, MW-48B, RW-1 </td> </tr> <tr> <td colspan="10"> Temperature on Receipt 4.1 °C </td> </tr> </tbody> </table>												Sample Identification	Date Sampled	Sample Matrix	Volatiles	Semi-Volatiles	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters	Special Instructions	MW-43C	3/22/12 15:37	GW	8260 full TICs	8270 or 625	RCRA8	TPH GRO	Pri. Poll.	Color		MW-53	3/22/12 15:31		Site Spec.	8082 PCB	PP13 list	TPH DRO	TCL Organics	Nitrate		MW-54	3/22/12 16:26		STARS list	8081 Pest	TAL	CT ETPH	TAL MetCN	Nitrite		MW-49A	3/22/12 15:19		BTEX	815 Herb	CT RCP	NY 310-13	Full TCLP	TKN		MW-49B	3/22/12 13:45		MTBE	App. IX	CT RCP	Full App. IX	Sieve Anal.	Flash Point		MW-49C	3/22/12 12:55		TCL list	Site Spec.	App. IX	TPH 1664	Helonotops	Tot Nitrogen		MW-50B	3/22/12 14:42		TAGM list	Site Spec.	App. IX	Air TO14A	Chloride	Ammonia-N		MW-48B	3/23/12 9:56		CT RCP list	Site Spec.	App. IX	Air TO15	Phosphate	BOD5		RW-1	3/23/12 8:35		CT RCP list	Site Spec.	App. IX	Air TO15	Phosphate	BOD28		MW-51	3/23/12 12:03		CT RCP list	Site Spec.	App. IX	Air TO15	Phosphate	BOD28		Preservation Check those Applicable: ☐ 4°C ☐ Frozen ☐ HCl ☐ MeOH ☐ Ascorbic Acid										Comments MW-43C, MW-53, MW-54, MW-49A, MW-49B, MW-49C, MW-50B, MW-48B, RW-1										Temperature on Receipt 4.1 °C									
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Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 09/27/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12I0690

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 09/27/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12I0690

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 20, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12I0690-01	FRW-1	Water	09/19/2012	09/20/2012
12I0690-02	FRW-2	Water	09/19/2012	09/20/2012
12I0690-03	FRW-3	Water	09/19/2012	09/20/2012
12I0690-04	FRW-4	Water	09/19/2012	09/20/2012
12I0690-05	MW-98-05A	Water	09/19/2012	09/20/2012

General Notes for York Project (SDG) No.: 12I0690

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Date: 09/27/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director





Sample Information

Client Sample ID: FRW-1

York Sample ID: 1210690-01

York Project (SDG) No.

1210690

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

September 19, 2012 8:45 am

Date Received

09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
71-55-6	1,1,1-Trichloroethane	5.8		ug/L	0.024	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
75-34-3	1,1-Dichloroethane	1.4		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
75-35-4	1,1-Dichloroethylene	0.20	J	ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR



Sample Information

Client Sample ID: FRW-1

York Sample ID: 1210690-01

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 8:45 am

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
156-59-2	cis-1,2-Dichloroethylene	170		ug/L	0.34	2.5	5	EPA SW846-8260B	09/25/2012 07:55	09/27/2012 12:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
100-41-4	Ethyl Benzene	0.20	J	ug/L	0.057	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
127-18-4	Tetrachloroethylene	130		ug/L	0.35	2.5	5	EPA SW846-8260B	09/25/2012 07:55	09/27/2012 12:24	SS
108-88-3	Toluene	0.10	J	ug/L	0.042	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
156-60-5	trans-1,2-Dichloroethylene	0.32	J	ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
79-01-6	Trichloroethylene	39		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
75-01-4	Vinyl Chloride	0.80		ug/L	0.062	0.50	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/25/2012 07:55	09/25/2012 07:55	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.0 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	103 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: FRW-1

York Sample ID: 1210690-01

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 8:45 am

Date Received
09/20/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	6.98		mg/L	0.0100	0.0100	1	EPA SW846-6010B	09/25/2012 09:28	09/25/2012 11:08	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	11.3		mg/L	0.0100	0.0100	1	EPA 200.7	09/25/2012 09:28	09/25/2012 11:27	MW

Manganese by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	0.146		mg/L	0.00200	0.00500	1	EPA 200.7	09/25/2012 09:28	09/25/2012 11:27	MW

Nitrate (as N)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0120	0.0500	1	EPA 300	09/20/2012 17:31	09/20/2012 17:31	AD

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	6.03		mg/L	0.0860	1.00	1	EPA Method 300.0	09/20/2012 17:31	09/20/2012 17:31	AD

Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	33		mg/L	10	10	1	SM 5220 B	09/25/2012 15:30	09/25/2012 15:30	AA

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	3.14		mg/L	1.00	1.00	1	SM 5310C	09/26/2012 08:08	09/26/2012 17:20	AMC

Sample Information

Client Sample ID: FRW-2

York Sample ID: 1210690-02

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 10:21 am

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: FRW-2

York Sample ID: 1210690-02

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 10:21 am

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
71-55-6	1,1,1-Trichloroethane	0.51		ug/L	0.024	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
75-34-3	1,1-Dichloroethane	0.13	J	ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
67-64-1	Acetone	1.9	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
71-43-2	Benzene	0.31	J	ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR



Sample Information

Client Sample ID: FRW-2

York Sample ID: 1210690-02

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 10:21 am

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
67-66-3	Chloroform	0.44	J	ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
156-59-2	cis-1,2-Dichloroethylene	42		ug/L	0.34	2.5	5	EPA SW846-8260B	09/25/2012 08:31	09/27/2012 12:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
100-41-4	Ethyl Benzene	0.31	J	ug/L	0.057	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
127-18-4	Tetrachloroethylene	69		ug/L	0.35	2.5	5	EPA SW846-8260B	09/25/2012 08:31	09/27/2012 12:58	SS
108-88-3	Toluene	0.13	J	ug/L	0.042	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
156-60-5	trans-1,2-Dichloroethylene	0.13	J	ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
79-01-6	Trichloroethylene	13		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
75-01-4	Vinyl Chloride	0.29	J	ug/L	0.062	0.50	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/25/2012 08:31	09/25/2012 08:31	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.8 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	102 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: FRW-2

York Sample ID: 1210690-02

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 10:21 am

Date Received
09/20/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.0135		mg/L	0.0100	0.0100	1	EPA SW846-6010B	09/25/2012 09:28	09/25/2012 11:46	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	7.39		mg/L	0.0100	0.0100	1	EPA 200.7	09/25/2012 09:28	09/25/2012 11:52	MW

Manganese by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	0.156		mg/L	0.00200	0.00500	1	EPA 200.7	09/25/2012 09:28	09/25/2012 11:52	MW

Nitrate (as N)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0120	0.0500	1	EPA 300	09/20/2012 17:48	09/20/2012 17:48	AD

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	3.46		mg/L	0.0860	1.00	1	EPA Method 300.0	09/20/2012 17:48	09/20/2012 17:48	AD

Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	20		mg/L	10	10	1	SM 5220 B	09/25/2012 15:30	09/25/2012 15:30	AA

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	1.56		mg/L	1.00	1.00	1	SM 5310C	09/26/2012 08:08	09/26/2012 17:20	AMC

Sample Information

Client Sample ID: FRW-3

York Sample ID: 1210690-03

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 11:52 am

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: FRW-3

York Sample ID: 1210690-03

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 11:52 am

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
71-55-6	1,1,1-Trichloroethane	0.29	J	ug/L	0.024	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
75-34-3	1,1-Dichloroethane	0.14	J	ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
67-64-1	Acetone	2.7	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
71-43-2	Benzene	0.22	J	ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR



Sample Information

Client Sample ID: FRW-3

York Sample ID: 1210690-03

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 11:52 am

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
156-59-2	cis-1,2-Dichloroethylene	45		ug/L	0.14	1.0	2	EPA SW846-8260B	09/25/2012 09:08	09/27/2012 13:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
98-82-8	Isopropylbenzene	0.53		ug/L	0.056	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
103-65-1	n-Propylbenzene	0.16	J	ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
127-18-4	Tetrachloroethylene	15		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
108-88-3	Toluene	0.15	J	ug/L	0.042	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
79-01-6	Trichloroethylene	4.6		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
75-01-4	Vinyl Chloride	0.92		ug/L	0.062	0.50	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/25/2012 09:08	09/25/2012 09:08	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.1 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	100 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: FRW-3

York Sample ID: 1210690-03

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 11:52 am

Date Received
09/20/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	09/25/2012 09:28	09/25/2012 12:11	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	24.1		mg/L	0.0100	0.0100	1	EPA 200.7	09/25/2012 09:28	09/25/2012 12:16	MW

Manganese by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	0.140		mg/L	0.00200	0.00500	1	EPA 200.7	09/25/2012 09:28	09/25/2012 12:16	MW

Nitrate (as N)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0120	0.0500	1	EPA 300	09/20/2012 18:37	09/20/2012 18:37	AD

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	4.15		mg/L	0.0860	1.00	1	EPA Method 300.0	09/20/2012 18:37	09/20/2012 18:37	AD

Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	33		mg/L	10	10	1	SM 5220 B	09/25/2012 15:30	09/25/2012 15:30	AA

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	1.48		mg/L	1.00	1.00	1	SM 5310C	09/26/2012 08:08	09/26/2012 17:20	AMC

Sample Information

Client Sample ID: FRW-4

York Sample ID: 1210690-04

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 1:04 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: FRW-4

York Sample ID: 1210690-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210690

Rowe Industries

Water

September 19, 2012 1:04 pm

09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
108-90-7	Chlorobenzene	0.21	J	ug/L	0.063	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR



Sample Information

Client Sample ID: FRW-4

York Sample ID: 1210690-04

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 1:04 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
156-59-2	cis-1,2-Dichloroethylene	25		ug/L	0.069	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
127-18-4	Tetrachloroethylene	6.1		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
79-01-6	Trichloroethylene	0.33	J	ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/25/2012 09:45	09/25/2012 09:45	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.8 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	98.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	125 %	81.2-127								



Sample Information

Client Sample ID: FRW-4

York Sample ID: 1210690-04

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 1:04 pm

Date Received
09/20/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	09/25/2012 09:28	09/25/2012 12:21	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	6.79		mg/L	0.0100	0.0100	1	EPA 200.7	09/25/2012 09:28	09/25/2012 12:27	MW

Manganese by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	0.0561		mg/L	0.00200	0.00500	1	EPA 200.7	09/25/2012 09:28	09/25/2012 12:27	MW

Nitrate (as N)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0120	0.0500	1	EPA 300	09/20/2012 18:53	09/20/2012 18:53	AD

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	1.34		mg/L	0.0860	1.00	1	EPA Method 300.0	09/20/2012 18:53	09/20/2012 18:53	AD

Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	18		mg/L	10	10	1	SM 5220 B	09/25/2012 15:30	09/25/2012 15:30	AA

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	1.72		mg/L	1.00	1.00	1	SM 5310C	09/26/2012 08:08	09/26/2012 17:20	AMC

Sample Information

Client Sample ID: MW-98-05A

York Sample ID: 1210690-05

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 11:03 am

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst



Sample Information

Client Sample ID: MW-98-05A

York Sample ID: 1210690-05

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 11:03 am

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
71-43-2	Benzene	0.16	J	ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR



Sample Information

Client Sample ID: MW-98-05A

York Sample ID: 1210690-05

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 11:03 am

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
156-59-2	cis-1,2-Dichloroethylene	4.8		ug/L	0.069	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
100-41-4	Ethyl Benzene	0.11	J	ug/L	0.057	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
98-82-8	Isopropylbenzene	0.27	J	ug/L	0.056	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
103-65-1	n-Propylbenzene	0.18	J	ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
127-18-4	Tetrachloroethylene	14		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
108-88-3	Toluene	0.17	J	ug/L	0.042	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
79-01-6	Trichloroethylene	2.4		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/25/2012 10:22	09/25/2012 10:22	SR
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.4 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.2 %	81.2-127								



Sample Information

Client Sample ID: MW-98-05A

York Sample ID: 1210690-05

York Project (SDG) No.
1210690

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 11:03 am

Date Received
09/20/2012

Iron, Dissolved by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0100	1	EPA SW846-6010B	09/25/2012 09:28	09/25/2012 12:32	MW

Iron by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	7.09		mg/L	0.0100	0.0100	1	EPA 200.7	09/25/2012 09:28	09/25/2012 12:37	MW

Manganese by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	0.0887		mg/L	0.00200	0.00500	1	EPA 200.7	09/25/2012 09:28	09/25/2012 12:37	MW

Nitrate (as N)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	ND		mg/L	0.0120	0.0500	1	EPA 300	09/20/2012 19:10	09/20/2012 19:10	AD

Sulfate as SO4

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14808-79-8	Sulfate	2.90		mg/L	0.0860	1.00	1	EPA Method 300.0	09/20/2012 19:10	09/20/2012 19:10	AD

Chemical Oxygen Demand (COD)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Chemical Oxygen Demand (COD)	11		mg/L	10	10	1	SM 5220 B	09/25/2012 15:30	09/25/2012 15:30	AA

Total Organic Carbon

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Organic Carbon (TOC)	ND		mg/L	1.00	1.00	1	SM 5310C	09/26/2012 08:08	09/26/2012 17:20	AMC



Analytical Batch Summary

Batch ID: BI20849

Preparation Method: EPA 300

Prepared By: AD

YORK Sample ID	Client Sample ID	Preparation Date
12I0690-01	FRW-1	09/20/12
12I0690-02	FRW-2	09/20/12
12I0690-03	FRW-3	09/20/12
12I0690-04	FRW-4	09/20/12
12I0690-05	MW-98-05A	09/20/12
BI20849-BLK1	Blank	09/20/12
BI20849-BS1	LCS	09/20/12
BI20849-SRM1	Reference	09/20/12

Batch ID: BI20854

Preparation Method: Analysis Preparation

Prepared By: AA

YORK Sample ID	Client Sample ID	Preparation Date
12I0690-01	FRW-1	09/25/12
12I0690-02	FRW-2	09/25/12
12I0690-03	FRW-3	09/25/12
12I0690-04	FRW-4	09/25/12
12I0690-05	MW-98-05A	09/25/12
BI20854-BLK1	Blank	09/25/12
BI20854-BS1	LCS	09/25/12
BI20854-DUP1	Duplicate	09/25/12
BI20854-MS1	Matrix Spike	09/25/12

Batch ID: BI20870

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12I0690-04	FRW-4	09/25/12
12I0690-05	MW-98-05A	09/25/12
BI20870-BLK1	Blank	09/25/12
BI20870-BS1	LCS	09/25/12
BI20870-BSD1	LCS Dup	09/25/12

Batch ID: BI20938

Preparation Method: EPA 3010A

Prepared By: MW

YORK Sample ID	Client Sample ID	Preparation Date
12I0690-01	FRW-1	09/25/12
12I0690-01	FRW-1	09/25/12
12I0690-02	FRW-2	09/25/12
12I0690-02	FRW-2	09/25/12
12I0690-03	FRW-3	09/25/12
12I0690-03	FRW-3	09/25/12
12I0690-04	FRW-4	09/25/12
12I0690-04	FRW-4	09/25/12
12I0690-05	MW-98-05A	09/25/12
12I0690-05	MW-98-05A	09/25/12
BI20938-BLK1	Blank	09/25/12
BI20938-BLK1	Blank	09/25/12
BI20938-DUP1	Duplicate	09/25/12



BI20938-DUP1	Duplicate	09/25/12
BI20938-MS1	Matrix Spike	09/25/12
BI20938-MS1	Matrix Spike	09/25/12
BI20938-SRM1	Reference	09/25/12
BI20938-SRM1	Reference	09/25/12

Batch ID: BI20995 **Preparation Method:** Analysis Preparation **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12I0690-01	FRW-1	09/26/12
12I0690-02	FRW-2	09/26/12
12I0690-03	FRW-3	09/26/12
12I0690-04	FRW-4	09/26/12
12I0690-05	MW-98-05A	09/26/12
BI20995-BLK1	Blank	09/26/12
BI20995-BS1	LCS	09/26/12
BI20995-DUP1	Duplicate	09/26/12
BI20995-MS1	Matrix Spike	09/26/12

Batch ID: BI21094 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12I0690-01	FRW-1	09/25/12
12I0690-02	FRW-2	09/25/12
12I0690-03	FRW-3	09/25/12
BI21094-BLK1	Blank	09/27/12
BI21094-BS1	LCS	09/27/12
BI21094-BSD1	LCS Dup	09/27/12



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20870 - EPA 5030B

Blank (BI20870-BLK1)

Prepared & Analyzed: 09/25/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	1.2	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	ND	2.0	"
Naphthalene	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20870 - EPA 5030B

Blank (BI20870-BLK1)

Prepared & Analyzed: 09/25/2012

Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.72</i>		<i>"</i>	<i>10.0</i>		<i>97.2</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.71</i>		<i>"</i>	<i>10.0</i>		<i>97.1</i>	<i>81.2-127</i>				

LCS (BI20870-BS1)

Prepared & Analyzed: 09/25/2012

1,1,1,2-Tetrachloroethane	9.06		ug/L	10.0		90.6	82.3-130				
1,1,1-Trichloroethane	9.11		"	10.0		91.1	75.6-137				
1,1,2,2-Tetrachloroethane	8.51		"	10.0		85.1	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	71.1-129				
1,1,2-Trichloroethane	8.11		"	10.0		81.1	74.5-129				
1,1-Dichloroethane	9.44		"	10.0		94.4	79.6-132				
1,1-Dichloroethylene	10.1		"	10.0		101	80.2-146				
1,1-Dichloropropylene	9.12		"	10.0		91.2	75-136				
1,2,3-Trichlorobenzene	8.86		"	10.0		88.6	66.1-136				
1,2,3-Trichloropropane	8.27		"	10.0		82.7	63-131				
1,2,4-Trichlorobenzene	8.22		"	10.0		82.2	70.6-136				
1,2,4-Trimethylbenzene	9.74		"	10.0		97.4	75.3-135				
1,2-Dibromo-3-chloropropane	10.4		"	10.0		104	58.9-140				
1,2-Dibromoethane	8.37		"	10.0		83.7	79-130				
1,2-Dichlorobenzene	8.95		"	10.0		89.5	76.1-122				
1,2-Dichloroethane	8.80		"	10.0		88.0	74.6-132				
1,2-Dichloropropane	8.48		"	10.0		84.8	76.9-129				
1,3,5-Trimethylbenzene	8.94		"	10.0		89.4	70.6-127				
1,3-Dichlorobenzene	8.71		"	10.0		87.1	77-124				
1,3-Dichloropropane	8.49		"	10.0		84.9	75.8-126				
1,4-Dichlorobenzene	9.05		"	10.0		90.5	76.6-125				
2,2-Dichloropropane	7.08		"	10.0		70.8	69-133				
2-Chlorotoluene	8.74		"	10.0		87.4	66.3-119				
2-Hexanone	7.70		"	10.0		77.0	70-130				
4-Chlorotoluene	8.69		"	10.0		86.9	69.2-127				
Acetone	7.32		"	10.0		73.2	70-130				
Benzene	9.04		"	10.0		90.4	76.2-129				
Bromobenzene	8.20		"	10.0		82.0	71.3-123				
Bromochloromethane	8.12		"	10.0		81.2	70.8-137				
Bromodichloromethane	8.63		"	10.0		86.3	79.7-134				
Bromoform	9.02		"	10.0		90.2	70.5-141				
Bromomethane	8.94		"	10.0		89.4	43.9-147				
Carbon tetrachloride	9.84		"	10.0		98.4	78.1-138				
Chlorobenzene	9.10		"	10.0		91.0	80.4-125				
Chloroethane	9.19		"	10.0		91.9	55.8-140				
Chloroform	8.95		"	10.0		89.5	76.6-133				
Chloromethane	8.92		"	10.0		89.2	48.8-115				
cis-1,2-Dichloroethylene	8.95		"	10.0		89.5	75.1-128				
cis-1,3-Dichloropropylene	8.29		"	10.0		82.9	74.5-128				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit			Result		Limits			Limit	Flag

Batch BI20870 - EPA 5030B

LCS (BI20870-BS1)

Prepared & Analyzed: 09/25/2012

Dibromochloromethane	8.90		ug/L	10.0		89.0	79.8-134				
Dibromomethane	8.69		"	10.0		86.9	79-130				
Dichlorodifluoromethane	8.90		"	10.0		89.0	47.1-101				
Ethyl Benzene	9.18		"	10.0		91.8	80.8-128				
Hexachlorobutadiene	9.01		"	10.0		90.1	64.8-128				
Isopropylbenzene	9.34		"	10.0		93.4	75.5-135				
Methyl tert-butyl ether (MTBE)	8.68		"	10.0		86.8	65.1-140				
Methylene chloride	9.31		"	10.0		93.1	61.3-120				
Naphthalene	9.34		"	10.0		93.4	62.3-148				
n-Butylbenzene	7.59		"	10.0		75.9	67.2-123				
n-Propylbenzene	8.59		"	10.0		85.9	70.5-127				
o-Xylene	8.75		"	10.0		87.5	75.9-122				
p- & m- Xylenes	17.8		"	20.0		89.0	77.7-127				
p-Isopropyltoluene	9.33		"	10.0		93.3	75.6-129				
sec-Butylbenzene	8.87		"	10.0		88.7	71.5-125				
Styrene	10.4		"	10.0		104	77.8-123				
tert-Butylbenzene	11.0		"	10.0		110	75.9-151				
Tetrachloroethylene	8.99		"	10.0		89.9	63.6-167				
Toluene	8.65		"	10.0		86.5	77-123				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76.3-139				
trans-1,3-Dichloropropylene	7.87		"	10.0		78.7	72.5-137				
Trichloroethylene	8.75		"	10.0		87.5	77.9-130				
Trichlorofluoromethane	9.89		"	10.0		98.9	57.4-133				
Vinyl Chloride	9.53		"	10.0		95.3	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	9.53		"	10.0		95.3	72.6-129				
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	63.5-145				
Surrogate: Toluene-d8	10.1		"	10.0		101	81.2-127				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BI20870 - EPA 5030B											
LCS Dup (BI20870-BSD1)				Prepared & Analyzed: 09/25/2012							
1,1,1,2-Tetrachloroethane	8.44		ug/L	10.0		84.4	82.3-130		7.09	21.1	
1,1,1-Trichloroethane	8.75		"	10.0		87.5	75.6-137		4.03	19.7	
1,1,2,2-Tetrachloroethane	7.63		"	10.0		76.3	71.3-131		10.9	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	71.1-129		5.33	21.7	
1,1,2-Trichloroethane	7.70		"	10.0		77.0	74.5-129		5.19	20.3	
1,1-Dichloroethane	9.07		"	10.0		90.7	79.6-132		4.00	20.6	
1,1-Dichloroethylene	9.74		"	10.0		97.4	80.2-146		4.02	20	
1,1-Dichloropropylene	8.77		"	10.0		87.7	75-136		3.91	19.3	
1,2,3-Trichlorobenzene	8.49		"	10.0		84.9	66.1-136		4.27	21.6	
1,2,3-Trichloropropane	7.77		"	10.0		77.7	63-131		6.23	23.9	
1,2,4-Trichlorobenzene	7.73		"	10.0		77.3	70.6-136		6.14	21.7	
1,2,4-Trimethylbenzene	9.03		"	10.0		90.3	75.3-135		7.57	18.8	
1,2-Dibromo-3-chloropropane	9.41		"	10.0		94.1	58.9-140		10.1	27.7	
1,2-Dibromoethane	7.76		"	10.0		77.6	79-130	Low Bias	7.56	23	
1,2-Dichlorobenzene	7.92		"	10.0		79.2	76.1-122		12.2	19.8	
1,2-Dichloroethane	8.39		"	10.0		83.9	74.6-132		4.77	20.2	
1,2-Dichloropropane	8.01		"	10.0		80.1	76.9-129		5.70	20.7	
1,3,5-Trimethylbenzene	8.42		"	10.0		84.2	70.6-127		5.99	18.9	
1,3-Dichlorobenzene	8.06		"	10.0		80.6	77-124		7.75	19.2	
1,3-Dichloropropane	7.70		"	10.0		77.0	75.8-126		9.76	22.1	
1,4-Dichlorobenzene	8.14		"	10.0		81.4	76.6-125		10.6	18.6	
2,2-Dichloropropane	6.59		"	10.0		65.9	69-133	Low Bias	7.17	19.8	
2-Chlorotoluene	8.35		"	10.0		83.5	66.3-119		4.56	21.6	
2-Hexanone	7.04		"	10.0		70.4	70-130		8.96	30	
4-Chlorotoluene	8.07		"	10.0		80.7	69.2-127		7.40	19	
Acetone	7.21		"	10.0		72.1	70-130		1.51	30	
Benzene	8.61		"	10.0		86.1	76.2-129		4.87	19	
Bromobenzene	7.79		"	10.0		77.9	71.3-123		5.13	20.3	
Bromochloromethane	7.83		"	10.0		78.3	70.8-137		3.64	23.9	
Bromodichloromethane	8.17		"	10.0		81.7	79.7-134		5.48	21	
Bromoform	8.42		"	10.0		84.2	70.5-141		6.88	21.8	
Bromomethane	8.83		"	10.0		88.3	43.9-147		1.24	28.4	
Carbon tetrachloride	9.42		"	10.0		94.2	78.1-138		4.36	20.1	
Chlorobenzene	8.31		"	10.0		83.1	80.4-125		9.08	19.9	
Chloroethane	8.71		"	10.0		87.1	55.8-140		5.36	23.3	
Chloroform	8.78		"	10.0		87.8	76.6-133		1.92	20.3	
Chloromethane	8.29		"	10.0		82.9	48.8-115		7.32	24.5	
cis-1,2-Dichloroethylene	8.80		"	10.0		88.0	75.1-128		1.69	20.5	
cis-1,3-Dichloropropylene	7.77		"	10.0		77.7	74.5-128		6.48	19.9	
Dibromochloromethane	8.20		"	10.0		82.0	79.8-134		8.19	21.3	
Dibromomethane	8.20		"	10.0		82.0	79-130		5.80	22.4	
Dichlorodifluoromethane	8.20		"	10.0		82.0	47.1-101		8.19	23.9	
Ethyl Benzene	8.47		"	10.0		84.7	80.8-128		8.05	19.2	
Hexachlorobutadiene	8.14		"	10.0		81.4	64.8-128		10.1	20.6	
Isopropylbenzene	8.83		"	10.0		88.3	75.5-135		5.61	20	
Methyl tert-butyl ether (MTBE)	8.59		"	10.0		85.9	65.1-140		1.04	23.6	
Methylene chloride	8.99		"	10.0		89.9	61.3-120		3.50	20.4	
Naphthalene	8.92		"	10.0		89.2	62.3-148		4.60	27.1	
n-Butylbenzene	6.98		"	10.0		69.8	67.2-123		8.37	19.1	
n-Propylbenzene	8.15		"	10.0		81.5	70.5-127		5.26	23.4	
o-Xylene	7.97		"	10.0		79.7	75.9-122		9.33	19.3	
p- & m- Xylenes	16.5		"	20.0		82.6	77.7-127		7.52	18.6	
p-Isopropyltoluene	8.61		"	10.0		86.1	75.6-129		8.03	19.1	
sec-Butylbenzene	8.23		"	10.0		82.3	71.5-125		7.49	18.9	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20870 - EPA 5030B

LCS Dup (BI20870-BSD1)

Prepared & Analyzed: 09/25/2012

Styrene	9.28		ug/L	10.0		92.8	77.8-123		11.6	20.9	
tert-Butylbenzene	10.4		"	10.0		104	75.9-151		6.16	20.9	
Tetrachloroethylene	8.49		"	10.0		84.9	63.6-167		5.72	27.7	
Toluene	8.20		"	10.0		82.0	77-123		5.34	18.7	
trans-1,2-Dichloroethylene	9.62		"	10.0		96.2	76.3-139		6.83	19.5	
trans-1,3-Dichloropropylene	7.28		"	10.0		72.8	72.5-137		7.79	19.3	
Trichloroethylene	8.33		"	10.0		83.3	77.9-130		4.92	20.5	
Trichlorofluoromethane	9.44		"	10.0		94.4	57.4-133		4.66	21.4	
Vinyl Chloride	8.96		"	10.0		89.6	54.9-124		6.17	22.3	
Surrogate: 1,2-Dichloroethane-d4	10.0		"	10.0		100	72.6-129				
Surrogate: p-Bromofluorobenzene	10.3		"	10.0		103	63.5-145				
Surrogate: Toluene-d8	10.1		"	10.0		101	81.2-127				

Batch BI21094 - EPA 5030B

Blank (BI21094-BLK1)

Prepared & Analyzed: 09/27/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	2.4	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21094 - EPA 5030B

Blank (BI21094-BLK1)

Prepared & Analyzed: 09/27/2012

cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.6	2.0	"								
Naphthalene	0.58	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.25		"	10.0		92.5	72.6-129				
Surrogate: p-Bromofluorobenzene	9.41		"	10.0		94.1	63.5-145				
Surrogate: Toluene-d8	10.2		"	10.0		102	81.2-127				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21094 - EPA 5030B										
LCS (BI21094-BS1)				Prepared & Analyzed: 09/27/2012						
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130			
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137			
1,1,2,2-Tetrachloroethane	9.31		"	10.0		93.1	71.3-131			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129			
1,1,2-Trichloroethane	9.68		"	10.0		96.8	74.5-129			
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132			
1,1-Dichloroethylene	10.9		"	10.0		109	80.2-146			
1,1-Dichloropropylene	10.0		"	10.0		100	75-136			
1,2,3-Trichlorobenzene	9.82		"	10.0		98.2	66.1-136			
1,2,3-Trichloropropane	9.53		"	10.0		95.3	63-131			
1,2,4-Trichlorobenzene	9.18		"	10.0		91.8	70.6-136			
1,2,4-Trimethylbenzene	10.7		"	10.0		107	75.3-135			
1,2-Dibromo-3-chloropropane	9.75		"	10.0		97.5	58.9-140			
1,2-Dibromoethane	9.97		"	10.0		99.7	79-130			
1,2-Dichlorobenzene	9.53		"	10.0		95.3	76.1-122			
1,2-Dichloroethane	9.99		"	10.0		99.9	74.6-132			
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129			
1,3,5-Trimethylbenzene	10.4		"	10.0		104	70.6-127			
1,3-Dichlorobenzene	9.47		"	10.0		94.7	77-124			
1,3-Dichloropropane	9.77		"	10.0		97.7	75.8-126			
1,4-Dichlorobenzene	9.46		"	10.0		94.6	76.6-125			
2,2-Dichloropropane	5.48		"	10.0		54.8	69-133	Low Bias		
2-Chlorotoluene	9.85		"	10.0		98.5	66.3-119			
2-Hexanone	9.34		"	10.0		93.4	70-130			
4-Chlorotoluene	9.60		"	10.0		96.0	69.2-127			
Acetone	9.37		"	10.0		93.7	70-130			
Benzene	10.3		"	10.0		103	76.2-129			
Bromobenzene	9.85		"	10.0		98.5	71.3-123			
Bromochloromethane	9.55		"	10.0		95.5	70.8-137			
Bromodichloromethane	10.4		"	10.0		104	79.7-134			
Bromoform	9.83		"	10.0		98.3	70.5-141			
Bromomethane	5.72		"	10.0		57.2	43.9-147			
Carbon tetrachloride	10.6		"	10.0		106	78.1-138			
Chlorobenzene	10.4		"	10.0		104	80.4-125			
Chloroethane	10.1		"	10.0		101	55.8-140			
Chloroform	10.0		"	10.0		100	76.6-133			
Chloromethane	9.35		"	10.0		93.5	48.8-115			
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128			
cis-1,3-Dichloropropylene	8.88		"	10.0		88.8	74.5-128			
Dibromochloromethane	10.0		"	10.0		100	79.8-134			
Dibromomethane	10.4		"	10.0		104	79-130			
Dichlorodifluoromethane	8.29		"	10.0		82.9	47.1-101			
Ethyl Benzene	10.7		"	10.0		107	80.8-128			
Hexachlorobutadiene	9.21		"	10.0		92.1	64.8-128			
Isopropylbenzene	11.2		"	10.0		112	75.5-135			
Methyl tert-butyl ether (MTBE)	9.96		"	10.0		99.6	65.1-140			
Methylene chloride	8.99		"	10.0		89.9	61.3-120			
Naphthalene	9.84		"	10.0		98.4	62.3-148			
n-Butylbenzene	10.0		"	10.0		100	67.2-123			
n-Propylbenzene	9.98		"	10.0		99.8	70.5-127			
o-Xylene	10.1		"	10.0		101	75.9-122			
p- & m- Xylenes	21.5		"	20.0		108	77.7-127			
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129			
sec-Butylbenzene	10.2		"	10.0		102	71.5-125			



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21094 - EPA 5030B

LCS (BI21094-BS1)

Prepared & Analyzed: 09/27/2012

Styrene	10.7		ug/L	10.0		107	77.8-123				
tert-Butylbenzene	11.7		"	10.0		117	75.9-151				
Tetrachloroethylene	9.94		"	10.0		99.4	63.6-167				
Toluene	10.6		"	10.0		106	77-123				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139				
trans-1,3-Dichloropropylene	8.64		"	10.0		86.4	72.5-137				
Trichloroethylene	10.6		"	10.0		106	77.9-130				
Trichlorofluoromethane	10.0		"	10.0		100	57.4-133				
Vinyl Chloride	9.53		"	10.0		95.3	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.44</i>		<i>"</i>	<i>10.0</i>		<i>94.4</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81.2-127</i>				

LCS Dup (BI21094-BS1)

Prepared & Analyzed: 09/27/2012

1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		2.20	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		0.192	19.7	
1,1,2,2-Tetrachloroethane	9.84		"	10.0		98.4	71.3-131		5.54	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	71.1-129		0.992	21.7	
1,1,2-Trichloroethane	9.96		"	10.0		99.6	74.5-129		2.85	20.3	
1,1-Dichloroethane	11.1		"	10.0		111	79.6-132		2.64	20.6	
1,1-Dichloroethylene	10.9		"	10.0		109	80.2-146		0.642	20	
1,1-Dichloropropylene	10.2		"	10.0		102	75-136		1.58	19.3	
1,2,3-Trichlorobenzene	9.74		"	10.0		97.4	66.1-136		0.818	21.6	
1,2,3-Trichloropropane	9.76		"	10.0		97.6	63-131		2.38	23.9	
1,2,4-Trichlorobenzene	9.18		"	10.0		91.8	70.6-136		0.00	21.7	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135		2.08	18.8	
1,2-Dibromo-3-chloropropane	9.36		"	10.0		93.6	58.9-140		4.08	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		1.59	23	
1,2-Dichlorobenzene	9.88		"	10.0		98.8	76.1-122		3.61	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		0.897	20.2	
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129		2.87	20.7	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70.6-127		1.34	18.9	
1,3-Dichlorobenzene	9.63		"	10.0		96.3	77-124		1.68	19.2	
1,3-Dichloropropane	9.94		"	10.0		99.4	75.8-126		1.73	22.1	
1,4-Dichlorobenzene	9.87		"	10.0		98.7	76.6-125		4.24	18.6	
2,2-Dichloropropane	5.10		"	10.0		51.0	69-133	Low Bias	7.18	19.8	
2-Chlorotoluene	10.2		"	10.0		102	66.3-119		3.88	21.6	
2-Hexanone	8.75		"	10.0		87.5	70-130		6.52	30	
4-Chlorotoluene	9.98		"	10.0		99.8	69.2-127		3.88	19	
Acetone	9.63		"	10.0		96.3	70-130		2.74	30	
Benzene	10.5		"	10.0		105	76.2-129		1.82	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		3.30	20.3	
Bromochloromethane	9.31		"	10.0		93.1	70.8-137		2.55	23.9	
Bromodichloromethane	10.9		"	10.0		109	79.7-134		5.18	21	
Bromoform	9.84		"	10.0		98.4	70.5-141		0.102	21.8	
Bromomethane	4.38		"	10.0		43.8	43.9-147	Low Bias	26.5	28.4	
Carbon tetrachloride	10.6		"	10.0		106	78.1-138		0.660	20.1	
Chlorobenzene	10.7		"	10.0		107	80.4-125		2.18	19.9	
Chloroethane	10.0		"	10.0		100	55.8-140		0.695	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		1.58	20.3	
Chloromethane	9.22		"	10.0		92.2	48.8-115		1.40	24.5	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128		1.35	20.5	
cis-1,3-Dichloropropylene	9.21		"	10.0		92.1	74.5-128		3.65	19.9	
Dibromochloromethane	10.3		"	10.0		103	79.8-134		2.76	21.3	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD		
		Limit			Result				RPD	Limit	Flag

Batch BI21094 - EPA 5030B

LCS Dup (BI21094-BSD1)

Prepared & Analyzed: 09/27/2012

Dibromomethane	10.2		ug/L	10.0		102	79-130		1.17	22.4	
Dichlorodifluoromethane	8.38		"	10.0		83.8	47.1-101		1.08	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		2.12	19.2	
Hexachlorobutadiene	9.61		"	10.0		96.1	64.8-128		4.25	20.6	
Isopropylbenzene	11.6		"	10.0		116	75.5-135		3.34	20	
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	65.1-140		11.7	23.6	
Methylene chloride	10.3		"	10.0		103	61.3-120		13.3	20.4	
Naphthalene	9.10		"	10.0		91.0	62.3-148		7.81	27.1	
n-Butylbenzene	10.3		"	10.0		103	67.2-123		2.56	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		2.77	23.4	
o-Xylene	10.4		"	10.0		104	75.9-122		2.92	19.3	
p- & m- Xylenes	22.2		"	20.0		111	77.7-127		3.02	18.6	
p-Isopropyltoluene	10.5		"	10.0		105	75.6-129		2.21	19.1	
sec-Butylbenzene	10.5		"	10.0		105	71.5-125		3.47	18.9	
Styrene	9.94		"	10.0		99.4	77.8-123		7.46	20.9	
tert-Butylbenzene	12.0		"	10.0		120	75.9-151		2.36	20.9	
Tetrachloroethylene	10.1		"	10.0		101	63.6-167		1.20	27.7	
Toluene	11.0		"	10.0		110	77-123		3.78	18.7	
trans-1,2-Dichloroethylene	12.6		"	10.0		126	76.3-139		19.1	19.5	
trans-1,3-Dichloropropylene	8.70		"	10.0		87.0	72.5-137		0.692	19.3	
Trichloroethylene	10.8		"	10.0		108	77.9-130		2.61	20.5	
Trichlorofluoromethane	9.70		"	10.0		97.0	57.4-133		3.54	21.4	
Vinyl Chloride	9.28		"	10.0		92.8	54.9-124		2.66	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.10		"	10.0		91.0	72.6-129				
Surrogate: p-Bromofluorobenzene	9.92		"	10.0		99.2	63.5-145				
Surrogate: Toluene-d8	10.4		"	10.0		104	81.2-127				



Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BI20938 - EPA 3010A											
Blank (BI20938-BLK1)								Prepared & Analyzed: 09/25/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BI20938-DUP1)								Prepared & Analyzed: 09/25/2012			
Iron - Dissolved	6.82	0.0100	mg/L		6.98				2.43	20	
Matrix Spike (BI20938-MS1)								Prepared & Analyzed: 09/25/2012			
Iron - Dissolved	7.88	0.0100	mg/L	1.00	6.98	89.5	75-125				
Reference (BI20938-SRM1)								Prepared & Analyzed: 09/25/2012			
Iron - Dissolved	0.273	0.0100	mg/L	0.274		99.5	86.9-115				



Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20938 - EPA 3010A

Blank (BI20938-BLK1)

Prepared & Analyzed: 09/25/2012

Iron	ND	0.0100	mg/L
Manganese	ND	0.00500	"

Duplicate (BI20938-DUP1)

*Source sample: 12I0690-01 (FRW-1)

Prepared & Analyzed: 09/25/2012

Iron	11.2	0.0100	mg/L	11.3	0.799	20
Manganese	0.145	0.00500	"	0.146	0.916	20

Matrix Spike (BI20938-MS1)

*Source sample: 12I0690-01 (FRW-1)

Prepared & Analyzed: 09/25/2012

Iron	12.0	0.0100	mg/L	1.00	11.3	73.0	75-125	Low Bias
Manganese	0.682	0.00500	"	0.500	0.146	107	75-125	

Reference (BI20938-SRM1)

Prepared & Analyzed: 09/25/2012

Iron	0.273	0.0100	mg/L	0.274	99.5	86.9-115
Manganese	0.903	0.00500	"	0.880	103	89.8-111



Anions by EPA Method 300.0 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20849 - EPA 300											
Blank (BI20849-BLK1)						Prepared & Analyzed: 09/20/2012					
Nitrate as N	ND	0.0500	mg/L								
Sulfate	ND	1.00	"								
LCS (BI20849-BS1)						Prepared & Analyzed: 09/20/2012					
Nitrate as N	9.59	0.0500	mg/L	10.0		95.9	90-110				
Sulfate	10.4	1.00	"	10.0		104	85-115				
Reference (BI20849-SRM1)						Prepared & Analyzed: 09/20/2012					
Nitrate as N	12.6		mg/L	12.7		99.4	90-110				
Sulfate	19.1		"	18.5		103	90-110				



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20854 - Analysis Preparation											
Blank (BI20854-BLK1)								Prepared & Analyzed: 09/25/2012			
Chemical Oxygen Demand (COD)	ND	10	mg/L								
LCS (BI20854-BS1)								Prepared & Analyzed: 09/25/2012			
Chemical Oxygen Demand (COD)	99	10	mg/L	100		99.0	79-128				
Duplicate (BI20854-DUP1) *Source sample: 12I0690-01 (FRW-1)								Prepared & Analyzed: 09/25/2012			
Chemical Oxygen Demand (COD)	33	10	mg/L		33				0.00	20	
Matrix Spike (BI20854-MS1) *Source sample: 12I0690-01 (FRW-1)								Prepared & Analyzed: 09/25/2012			
Chemical Oxygen Demand (COD)	130	10	mg/L	100	33	101	73.3-123				
Batch BI20995 - Analysis Preparation											
Blank (BI20995-BLK1)								Prepared & Analyzed: 09/26/2012			
Total Organic Carbon (TOC)	ND	1.00	mg/L								
LCS (BI20995-BS1)								Prepared & Analyzed: 09/26/2012			
Total Organic Carbon (TOC)	49.8		mg/L	49.0		102	79.5-125.1				
Duplicate (BI20995-DUP1) *Source sample: 12I0690-01 (FRW-1)								Prepared & Analyzed: 09/26/2012			
Total Organic Carbon (TOC)	3.19	1.00	mg/L		3.14				1.45	20	
Matrix Spike (BI20995-MS1) *Source sample: 12I0690-01 (FRW-1)								Prepared & Analyzed: 09/26/2012			
Total Organic Carbon (TOC)	24.9		mg/L	20.0	3.14	109	70-130				



Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 12 I 0690

YOUR Information			Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type			
Company: L.B.G. Inc.	Name: ☒ SAME ☐		Name:		☒ SAME ☐		Rowe Industries		RUSH-Same Day		Summary Report X, pdf			
Address: 4 Research Drive, Suite 301	Company:		Company:						RUSH-Next Day		QA Report X, pdf			
Phone.: 203-929-5555	Address:		Address:						RUSH-Two Day		CT RCP			
Contact: Tunde Komuwa-Sandor									RUSH-Three Day		CT RCP DOA/DUE Pkg			
E-mail: Tsandor@lbgd.com	E-mail:		E-mail:				NABSAG.004.07		RUSH-Four Day		NY ASP A Package			
Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved. <i>[Signature]</i> Samples Collected/Authorized By (Signature) <i>Evan Foster</i> Name (printed)			Volatiles		Semi-Vols.		Metals		Misc. Org.		Full Lists			
			8260 full		8270 & 625		RCRA 8		TPH GRO		TPH Poll.		Excel	
			624		STARS list		BN Only		PP13 list		TPH DRO		TCL Organics	
			STARS list		Site Spec.		Nassau Co.		8081 Herb		CT ETPH		TAL Mat/CN	
			BTEX		Sulfalk Co.		Acids Only		CT RCP		NY 310-13		Full TCLP	
Matrix Codes		TCL list		Ketones		PAH list		TAGM list		TPH 1664		Full App IX		
S - soil		TCL list		Oxygenates		TAGM list		Site Spec.		Air TO14A		Part 360 Reuse		
Other - specify (oil, etc)		TCL list		TCLP list		CT RCP list		SPL or TCLP		Air TO15		Part 360 Reuse		
WW - wastewater		TCLP list		524.2		TCL list		TCLP Herb		Air STARS		Part 360 Reuse		
GW - groundwater		Arom. only		502.2		NDEP list		SPL or TCLP		Air VPH		Part 360 Reuse		
DW - drinking water		Halog. only		NDEP list		App. IX		Chlordane		Air TICs		NY DEP Sewer		
Air-A - ambient air		App. IX list		SPL or TCLP		TCLP BNA		608 Pest		Methane		NY DEP Sewer		
Air-SV - soil vapor		8021B list		SPL or TCLP		SPL or TCLP		608 PCB		Helium		TAGM		
Date-Time Sampled		Matrix		Analysis Requested (List above includes common analysis)		Container Description								
FRW-1 9/19/12 8:45		GW		VOCs 8260; Nitrates; Sulfates; Manganese; COD; TOC; Total & dissolved Fe		Each Sample; 2-40 ml VOA								
FRW-2 9/19/12 10:21		GW		VOCs 8260; Nitrates; Sulfates; Manganese; COD; TOC; Total & dissolved Fe		HCl pres; 2-250 ml plastic; 1-250 ml plastic HNO ₃ pres; 1 plastic H ₂ SO ₄ pres								
FRW-3 9/19/12 11:52		GW		VOCs 8260; Nitrates; Sulfates; Manganese; COD; TOC; Total & dissolved Fe										
FRW-4 9/19/12 13:04		GW		VOCs 8260; Nitrates; Sulfates; Manganese; COD; TOC; Total & dissolved Fe										
MLK 98-05A 9/19/12 11:03		GW		VOCs 8260; Nitrates; Sulfates; Manganese; COD; TOC; Total & dissolved Fe										
Comments:		Preservation (check all applicable)		Special Instructions		Temperature on Receipt								
Lab filter for dissolved Fe.		☒ Fridge ☐ Frozen ☐ HCl ☐ MeOH ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH		Field Filtered ☐ Lab to Filter ☒		9/20/12 8:50								
Date/Time		Date/Time		Date/Time		Date/Time								
9/19/12		9/19/12		9/19/12		9/19/12								
9/20/12 - 1520		9/20/12 - 1520		9/20/12 - 1520		9/20/12 - 1520								
Date/Time		Date/Time		Date/Time		Date/Time								
9/20/12		9/20/12		9/20/12		9/20/12								
4.6 °C		4.6 °C		4.6 °C		4.6 °C								



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Sandor

Report Date: 09/27/2012

Client Project ID: Rowe Industries

York Project (SDG) No.: 12I0692

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 09/27/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12I0692

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 20, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12I0692-01	MW-98-01A	Water	09/19/2012	09/20/2012
12I0692-02	MW-98-04	Water	09/19/2012	09/20/2012
12I0692-03	MW-98-05B	Water	09/19/2012	09/20/2012
12I0692-04	Trip Blank	Water	09/19/2012	09/20/2012
12I0692-05	Field Blank	Water	09/19/2012	09/20/2012

General Notes for York Project (SDG) No.: 12I0692

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Date: 09/27/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director





Sample Information

Client Sample ID: MW-98-01A

York Sample ID: 1210692-01

York Project (SDG) No.
1210692

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 3:01 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS



Sample Information

Client Sample ID: MW-98-01A

York Sample ID: 1210692-01

York Project (SDG) No.
1210692

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 3:01 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
91-20-3	Naphthalene	0.19	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
127-18-4	Tetrachloroethylene	2.2		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:05	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: MW-98-01A

York Sample ID: 1210692-01

<u>York Project (SDG) No.</u> 1210692	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 19, 2012 3:01 pm	<u>Date Received</u> 09/20/2012

Sample Information

Client Sample ID: MW-98-04

York Sample ID: 1210692-02

<u>York Project (SDG) No.</u> 1210692	<u>Client Project ID</u> Rowe Industries	<u>Matrix</u> Water	<u>Collection Date/Time</u> September 19, 2012 4:00 pm	<u>Date Received</u> 09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS



Sample Information

Client Sample ID: MW-98-04

York Sample ID: 1210692-02

York Project (SDG) No.
1210692

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 4:00 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
91-20-3	Naphthalene	0.17	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
127-18-4	Tetrachloroethylene	8.8		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
79-01-6	Trichloroethylene	0.13	J	ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS



Sample Information

Client Sample ID: MW-98-04

York Sample ID: 1210692-02

York Project (SDG) No.
1210692

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 4:00 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 01:39	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	94.5 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	101 %		81.2-127							

Sample Information

Client Sample ID: MW-98-05B

York Sample ID: 1210692-03

York Project (SDG) No.
1210692

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 2:30 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS



Sample Information

Client Sample ID: MW-98-05B

York Sample ID: 1210692-03

York Project (SDG) No.
1210692

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 2:30 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
67-64-1	Acetone	1.8	J	ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
71-43-2	Benzene	0.53		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
156-59-2	cis-1,2-Dichloroethylene	0.13	J	ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
100-41-4	Ethyl Benzene	0.17	J	ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
91-20-3	Naphthalene	0.14	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
1330-20-7P/M	p- & m- Xylenes	0.12	J	ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS



Sample Information

Client Sample ID: MW-98-05B

York Sample ID: 1210692-03

York Project (SDG) No.
1210692

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 2:30 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
108-88-3	Toluene	40		ug/L	0.085	1.0	2	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 19:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
79-01-6	Trichloroethylene	0.21	J	ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
1330-20-7	Xylenes, Total	0.12	J	ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 02:13	09/26/2012 02:13	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %			72.6-129						
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %			63.5-145						
2037-26-5	Surrogate: Toluene-d8	102 %			81.2-127						

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 1210692-04

York Project (SDG) No.
1210692

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 3:00 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 1210692-04

York Project (SDG) No.
1210692

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 3:00 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 1210692-04

York Project (SDG) No.
1210692

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 3:00 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	1.8	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 02:46	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.6 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	99.8 %	81.2-127								

Sample Information

Client Sample ID: Field Blank

York Sample ID: 1210692-05

York Project (SDG) No.
1210692

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 4:10 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 1210692-05

York Project (SDG) No.
1210692

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 4:10 pm

Date Received
09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
75-27-4	Bromodichloromethane	0.89		ug/L	0.054	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
67-66-3	Chloroform	7.3		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 1210692-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210692

Rowe Industries

Water

September 19, 2012 4:10 pm

09/20/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
124-48-1	Dibromochloromethane	0.12	J	ug/L	0.053	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
91-20-3	Naphthalene	0.36	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 03:20	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								



Analytical Batch Summary

Batch ID: BI20979

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12I0692-01	MW-98-01A	09/25/12
12I0692-02	MW-98-04	09/25/12
12I0692-04	Trip Blank	09/25/12
12I0692-05	Field Blank	09/25/12
BI20979-BLK1	Blank	09/26/12
BI20979-BS1	LCS	09/25/12
BI20979-BSD1	LCS Dup	09/25/12
BI20979-MS1	Matrix Spike	09/26/12
BI20979-MSD1	Matrix Spike Dup	09/26/12

Batch ID: BI21011

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12I0692-03	MW-98-05B	09/26/12
BI21011-BLK1	Blank	09/26/12
BI21011-BS1	LCS	09/26/12
BI21011-BSD1	LCS Dup	09/26/12



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20979 - EPA 5030B

Blank (BI20979-BLK1)

Prepared & Analyzed: 09/26/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	2.0	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	1.5	2.0	"
Naphthalene	0.54	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20979 - EPA 5030B

Blank (BI20979-BLK1)

Prepared & Analyzed: 09/26/2012

Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.49</i>		<i>"</i>	<i>10.0</i>		<i>94.9</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.48</i>		<i>"</i>	<i>10.0</i>		<i>94.8</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>81.2-127</i>				

LCS (BI20979-BS1)

Prepared & Analyzed: 09/25/2012

1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130				
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137				
1,1,2,2-Tetrachloroethane	9.96		"	10.0		99.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129				
1,1,2-Trichloroethane	9.92		"	10.0		99.2	74.5-129				
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132				
1,1-Dichloroethylene	11.0		"	10.0		110	80.2-146				
1,1-Dichloropropylene	10.3		"	10.0		103	75-136				
1,2,3-Trichlorobenzene	9.87		"	10.0		98.7	66.1-136				
1,2,3-Trichloropropane	9.64		"	10.0		96.4	63-131				
1,2,4-Trichlorobenzene	9.58		"	10.0		95.8	70.6-136				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	75.3-135				
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	58.9-140				
1,2-Dibromoethane	10.3		"	10.0		103	79-130				
1,2-Dichlorobenzene	9.77		"	10.0		97.7	76.1-122				
1,2-Dichloroethane	10.5		"	10.0		105	74.6-132				
1,2-Dichloropropane	9.88		"	10.0		98.8	76.9-129				
1,3,5-Trimethylbenzene	9.72		"	10.0		97.2	70.6-127				
1,3-Dichlorobenzene	9.43		"	10.0		94.3	77-124				
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126				
1,4-Dichlorobenzene	9.53		"	10.0		95.3	76.6-125				
2,2-Dichloropropane	9.07		"	10.0		90.7	69-133				
2-Chlorotoluene	9.33		"	10.0		93.3	66.3-119				
2-Hexanone	9.74		"	10.0		97.4	70-130				
4-Chlorotoluene	9.58		"	10.0		95.8	69.2-127				
Acetone	10.0		"	10.0		100	70-130				
Benzene	10.3		"	10.0		103	76.2-129				
Bromobenzene	9.44		"	10.0		94.4	71.3-123				
Bromochloromethane	10.1		"	10.0		101	70.8-137				
Bromodichloromethane	10.3		"	10.0		103	79.7-134				
Bromoform	10.3		"	10.0		103	70.5-141				
Bromomethane	10.8		"	10.0		108	43.9-147				
Carbon tetrachloride	10.6		"	10.0		106	78.1-138				
Chlorobenzene	10.2		"	10.0		102	80.4-125				
Chloroethane	10.1		"	10.0		101	55.8-140				
Chloroform	10.2		"	10.0		102	76.6-133				
Chloromethane	9.24		"	10.0		92.4	48.8-115				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128				
cis-1,3-Dichloropropylene	9.95		"	10.0		99.5	74.5-128				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	Flag
		Limit		Level	Result	Limits	RPD		Limit	
Batch BI20979 - EPA 5030B										
LCS (BI20979-BS1)			Prepared & Analyzed: 09/25/2012							
Dibromochloromethane	10.4		ug/L	10.0		104	79.8-134			
Dibromomethane	10.5		"	10.0		105	79-130			
Dichlorodifluoromethane	8.20		"	10.0		82.0	47.1-101			
Ethyl Benzene	10.4		"	10.0		104	80.8-128			
Hexachlorobutadiene	9.42		"	10.0		94.2	64.8-128			
Isopropylbenzene	10.6		"	10.0		106	75.5-135			
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	65.1-140			
Methylene chloride	8.98		"	10.0		89.8	61.3-120			
Naphthalene	10.2		"	10.0		102	62.3-148			
n-Butylbenzene	9.96		"	10.0		99.6	67.2-123			
n-Propylbenzene	9.36		"	10.0		93.6	70.5-127			
o-Xylene	9.68		"	10.0		96.8	75.9-122			
p- & m- Xylenes	20.7		"	20.0		104	77.7-127			
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129			
sec-Butylbenzene	9.75		"	10.0		97.5	71.5-125			
Styrene	10.4		"	10.0		104	77.8-123			
tert-Butylbenzene	11.1		"	10.0		111	75.9-151			
Tetrachloroethylene	9.95		"	10.0		99.5	63.6-167			
Toluene	9.98		"	10.0		99.8	77-123			
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139			
trans-1,3-Dichloropropylene	9.91		"	10.0		99.1	72.5-137			
Trichloroethylene	10.0		"	10.0		100	77.9-130			
Trichlorofluoromethane	10.0		"	10.0		100	57.4-133			
Vinyl Chloride	9.92		"	10.0		99.2	54.9-124			
Surrogate: 1,2-Dichloroethane-d4	9.92		"	10.0		99.2	72.6-129			
Surrogate: p-Bromofluorobenzene	9.90		"	10.0		99.0	63.5-145			
Surrogate: Toluene-d8	9.91		"	10.0		99.1	81.2-127			



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD		
		Limit		Level	Result		Limits		RPD	Limit	Flag
Batch BI20979 - EPA 5030B											
LCS Dup (BI20979-BSD1)				Prepared & Analyzed: 09/25/2012							
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130		4.61	21.1	
1,1,1-Trichloroethane	10.5		"	10.0		105	75.6-137		1.82	19.7	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	71.3-131		2.28	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129		0.583	21.7	
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129		4.15	20.3	
1,1-Dichloroethane	10.9		"	10.0		109	79.6-132		1.75	20.6	
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146		2.61	20	
1,1-Dichloropropylene	10.3		"	10.0		103	75-136		0.00	19.3	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	66.1-136		5.04	21.6	
1,2,3-Trichloropropane	9.97		"	10.0		99.7	63-131		3.37	23.9	
1,2,4-Trichlorobenzene	9.81		"	10.0		98.1	70.6-136		2.37	21.7	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	75.3-135		6.32	18.8	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		1.18	27.7	
1,2-Dibromoethane	10.7		"	10.0		107	79-130		3.92	23	
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122		4.31	19.8	
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132		2.36	20.2	
1,2-Dichloropropane	10.5		"	10.0		105	76.9-129		6.27	20.7	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70.6-127		4.82	18.9	
1,3-Dichlorobenzene	9.91		"	10.0		99.1	77-124		4.96	19.2	
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126		3.54	22.1	
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125		4.91	18.6	
2,2-Dichloropropane	9.26		"	10.0		92.6	69-133		2.07	19.8	
2-Chlorotoluene	10.0		"	10.0		100	66.3-119		6.93	21.6	
2-Hexanone	10.0		"	10.0		100	70-130		2.63	30	
4-Chlorotoluene	9.75		"	10.0		97.5	69.2-127		1.76	19	
Acetone	9.27		"	10.0		92.7	70-130		7.88	30	
Benzene	10.7		"	10.0		107	76.2-129		3.62	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		7.45	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		0.494	23.9	
Bromodichloromethane	10.8		"	10.0		108	79.7-134		4.84	21	
Bromoform	10.7		"	10.0		107	70.5-141		4.19	21.8	
Bromomethane	10.8		"	10.0		108	43.9-147		0.463	28.4	
Carbon tetrachloride	10.8		"	10.0		108	78.1-138		1.95	20.1	
Chlorobenzene	10.8		"	10.0		108	80.4-125		6.00	19.9	
Chloroethane	10.4		"	10.0		104	55.8-140		3.41	23.3	
Chloroform	10.4		"	10.0		104	76.6-133		2.72	20.3	
Chloromethane	9.45		"	10.0		94.5	48.8-115		2.25	24.5	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128		1.15	20.5	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128		6.04	19.9	
Dibromochloromethane	11.0		"	10.0		110	79.8-134		6.36	21.3	
Dibromomethane	11.1		"	10.0		111	79-130		5.84	22.4	
Dichlorodifluoromethane	8.31		"	10.0		83.1	47.1-101		1.33	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		4.13	19.2	
Hexachlorobutadiene	10.0		"	10.0		100	64.8-128		5.97	20.6	
Isopropylbenzene	11.4		"	10.0		114	75.5-135		7.02	20	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	65.1-140		0.277	23.6	
Methylene chloride	9.16		"	10.0		91.6	61.3-120		1.98	20.4	
Naphthalene	10.4		"	10.0		104	62.3-148		2.04	27.1	
n-Butylbenzene	10.4		"	10.0		104	67.2-123		3.84	19.1	
n-Propylbenzene	9.95		"	10.0		99.5	70.5-127		6.11	23.4	
o-Xylene	10.3		"	10.0		103	75.9-122		6.50	19.3	
p- & m- Xylenes	21.8		"	20.0		109	77.7-127		5.22	18.6	
p-Isopropyltoluene	10.5		"	10.0		105	75.6-129		3.87	19.1	
sec-Butylbenzene	10.4		"	10.0		104	71.5-125		6.07	18.9	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20979 - EPA 5030B

LCS Dup (BI20979-BSD1)

Prepared & Analyzed: 09/25/2012

Styrene	10.6		ug/L	10.0		106	77.8-123		2.76	20.9
tert-Butylbenzene	11.9		"	10.0		119	75.9-151		7.11	20.9
Tetrachloroethylene	10.6		"	10.0		106	63.6-167		6.80	27.7
Toluene	10.9		"	10.0		109	77-123		8.54	18.7
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139		3.32	19.5
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137		4.54	19.3
Trichloroethylene	10.8		"	10.0		108	77.9-130		7.19	20.5
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133		1.68	21.4
Vinyl Chloride	10.1		"	10.0		101	54.9-124		1.40	22.3
Surrogate: 1,2-Dichloroethane-d4	9.84		"	10.0		98.4	72.6-129			
Surrogate: p-Bromofluorobenzene	9.82		"	10.0		98.2	63.5-145			
Surrogate: Toluene-d8	9.95		"	10.0		99.5	81.2-127			

Matrix Spike (BI20979-MS1)

*Source sample: 12I0692-01 (MW-98-01A)

Prepared & Analyzed: 09/26/2012

1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0	ND	103	82-138			
1,1,1-Trichloroethane	10.2		"	10.0	ND	102	85.7-133			
1,1,2,2-Tetrachloroethane	10.2		"	10.0	ND	102	78.6-136			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.75		"	10.0	ND	97.5	74.8-131			
1,1,2-Trichloroethane	10.9		"	10.0	ND	109	82.5-129			
1,1-Dichloroethane	10.8		"	10.0	ND	108	81.4-137			
1,1-Dichloroethylene	11.0		"	10.0	ND	110	90-138			
1,1-Dichloropropylene	9.95		"	10.0	ND	99.5	91.7-131			
1,2,3-Trichlorobenzene	9.24		"	10.0	ND	92.4	75.9-130			
1,2,3-Trichloropropane	10.1		"	10.0	ND	101	77.1-140			
1,2,4-Trichlorobenzene	8.79		"	10.0	ND	87.9	69.8-135			
1,2,4-Trimethylbenzene	10.6		"	10.0	ND	106	79.4-131			
1,2-Dibromo-3-chloropropane	9.94		"	10.0	ND	99.4	66.6-143			
1,2-Dibromoethane	10.2		"	10.0	ND	102	79.8-136			
1,2-Dichlorobenzene	9.56		"	10.0	ND	95.6	79.9-130			
1,2-Dichloroethane	10.8		"	10.0	ND	108	85-133			
1,2-Dichloropropane	9.88		"	10.0	ND	98.8	81.1-132			
1,3,5-Trimethylbenzene	9.49		"	10.0	ND	94.9	76.1-121			
1,3-Dichlorobenzene	9.25		"	10.0	ND	92.5	79.1-124			
1,3-Dichloropropane	9.91		"	10.0	ND	99.1	83.3-130			
1,4-Dichlorobenzene	9.45		"	10.0	ND	94.5	79.4-128			
2,2-Dichloropropane	7.24		"	10.0	ND	72.4	54.2-126			
2-Chlorotoluene	9.46		"	10.0	ND	94.6	60.2-144			
2-Hexanone	13.5		"	10.0	ND	135	70-130	High Bias		
4-Chlorotoluene	9.60		"	10.0	ND	96.0	79.8-128			
Acetone	8.95		"	10.0	ND	89.5	70-130			
Benzene	10.3		"	10.0	ND	103	74.1-134			
Bromobenzene	9.42		"	10.0	ND	94.2	76.6-125			
Bromochloromethane	10.6		"	10.0	ND	106	85-133			
Bromodichloromethane	10.4		"	10.0	ND	104	80.8-143			
Bromoform	9.65		"	10.0	ND	96.5	65.8-164			
Bromomethane	7.00		"	10.0	ND	70.0	68.7-112			
Carbon tetrachloride	10.5		"	10.0	ND	105	85.7-138			
Chlorobenzene	10.2		"	10.0	ND	102	79.9-129			
Chloroethane	9.58		"	10.0	ND	95.8	74.7-127			
Chloroform	10.3		"	10.0	ND	103	50.6-145			
Chloromethane	7.48		"	10.0	ND	74.8	64-111			
cis-1,2-Dichloroethylene	10.4		"	10.0	ND	104	75.5-129			
cis-1,3-Dichloropropylene	9.60		"	10.0	ND	96.0	74.3-128			
Dibromochloromethane	10.2		"	10.0	ND	102	76.8-150			



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20979 - EPA 5030B

Matrix Spike (BI20979-MS1)		*Source sample: 12I0692-01 (MW-98-01A)				Prepared & Analyzed: 09/26/2012					
Dibromomethane	10.7		ug/L	10.0	ND	107	83.3-140				
Dichlorodifluoromethane	7.06		"	10.0	ND	70.6	51-100				
Ethyl Benzene	10.3		"	10.0	ND	103	82.9-127				
Hexachlorobutadiene	8.65		"	10.0	ND	86.5	73-128				
Isopropylbenzene	10.6		"	10.0	ND	106	78.7-131				
Methyl tert-butyl ether (MTBE)	11.0		"	10.0	ND	110	81.2-134				
Methylene chloride	9.20		"	10.0	1.50	77.0	57.8-103				
Naphthalene	9.67		"	10.0	0.190	94.8	80.1-122				
n-Butylbenzene	9.67		"	10.0	ND	96.7	72.4-120				
n-Propylbenzene	9.49		"	10.0	ND	94.9	74-130				
o-Xylene	9.53		"	10.0	ND	95.3	78.8-122				
p- & m- Xylenes	20.4		"	20.0	ND	102	82.5-123				
p-Isopropyltoluene	9.88		"	10.0	ND	98.8	64.9-132				
sec-Butylbenzene	9.68		"	10.0	ND	96.8	25.4-151				
Styrene	10.8		"	10.0	ND	108	74.1-134				
tert-Butylbenzene	11.6		"	10.0	ND	116	79.5-171				
Tetrachloroethylene	11.8		"	10.0	2.18	95.7	72.5-130				
Toluene	10.2		"	10.0	ND	102	77.8-121				
trans-1,2-Dichloroethylene	10.6		"	10.0	ND	106	83.8-140				
trans-1,3-Dichloropropylene	9.31		"	10.0	ND	93.1	74.9-136				
Trichloroethylene	9.95		"	10.0	ND	99.5	84.4-125				
Trichlorofluoromethane	9.76		"	10.0	ND	97.6	78.7-127				
Vinyl Chloride	9.10		"	10.0	ND	91.0	72.1-116				
Surrogate: 1,2-Dichloroethane-d4	10.2		"	10.0		102	72.6-129				
Surrogate: p-Bromofluorobenzene	9.73		"	10.0		97.3	63.5-145				
Surrogate: Toluene-d8	10.1		"	10.0		101	81.2-127				

Matrix Spike Dup (BI20979-MSD1)		*Source sample: 12I0692-01 (MW-98-01A)				Prepared & Analyzed: 09/26/2012					
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0	ND	106	82-138		3.54	21.3	
1,1,1-Trichloroethane	10.9		"	10.0	ND	109	85.7-133		6.35	22.6	
1,1,2,2-Tetrachloroethane	10.2		"	10.0	ND	102	78.6-136		0.196	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0	ND	105	74.8-131		7.22	25.6	
1,1,2-Trichloroethane	11.0		"	10.0	ND	110	82.5-129		1.37	19.3	
1,1-Dichloroethane	11.2		"	10.0	ND	112	81.4-137		3.92	20.7	
1,1-Dichloroethylene	11.3		"	10.0	ND	113	90-138		2.68	22.9	
1,1-Dichloropropylene	10.4		"	10.0	ND	104	91.7-131		4.04	24.9	
1,2,3-Trichlorobenzene	9.61		"	10.0	ND	96.1	75.9-130		3.93	21.4	
1,2,3-Trichloropropane	10.1		"	10.0	ND	101	77.1-140		0.792	28	
1,2,4-Trichlorobenzene	8.95		"	10.0	ND	89.5	69.8-135		1.80	22.5	
1,2,4-Trimethylbenzene	10.8		"	10.0	ND	108	79.4-131		1.77	33.9	
1,2-Dibromo-3-chloropropane	10.2		"	10.0	ND	102	66.6-143		2.78	23.3	
1,2-Dibromoethane	10.3		"	10.0	ND	103	79.8-136		1.37	19.1	
1,2-Dichlorobenzene	9.94		"	10.0	ND	99.4	79.9-130		3.90	23.2	
1,2-Dichloroethane	11.1		"	10.0	ND	111	85-133		3.02	19.1	
1,2-Dichloropropane	10.2		"	10.0	ND	102	81.1-132		3.68	19.9	
1,3,5-Trimethylbenzene	9.88		"	10.0	ND	98.8	76.1-121		4.03	31.2	
1,3-Dichlorobenzene	9.63		"	10.0	ND	96.3	79.1-124		4.03	22.6	
1,3-Dichloropropane	10.3		"	10.0	ND	103	83.3-130		4.25	20.9	
1,4-Dichlorobenzene	9.77		"	10.0	ND	97.7	79.4-128		3.33	21	
2,2-Dichloropropane	7.47		"	10.0	ND	74.7	54.2-126		3.13	24.5	
2-Chlorotoluene	9.82		"	10.0	ND	98.2	60.2-144		3.73	30.8	
2-Hexanone	13.2		"	10.0	ND	132	70-130	High Bias	2.32	30	
4-Chlorotoluene	9.92		"	10.0	ND	99.2	79.8-128		3.28	23.2	
Acetone	10.4		"	10.0	ND	104	70-130		15.2	30	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Flag	RPD	RPD		
		Limit		Level	Result	%REC			Limits	Limit	Flag
Batch BI20979 - EPA 5030B											
Matrix Spike Dup (BI20979-MSD1)		*Source sample: 12I0692-01 (MW-98-01A)					Prepared & Analyzed: 09/26/2012				
Benzene	10.6		ug/L	10.0	ND	106	74.1-134		3.44	20.8	
Bromobenzene	9.69		"	10.0	ND	96.9	76.6-125		2.83	23	
Bromochloromethane	9.80		"	10.0	ND	98.0	85-133		7.84	18.4	
Bromodichloromethane	10.8		"	10.0	ND	108	80.8-143		3.31	18.1	
Bromoform	10.3		"	10.0	ND	103	65.8-164		6.81	27.3	
Bromomethane	5.39		"	10.0	ND	53.9	68.7-112	Low Bias	26.0	22.8	Non-dir.
Carbon tetrachloride	11.1		"	10.0	ND	111	85.7-138		4.91	25.1	
Chlorobenzene	10.5		"	10.0	ND	105	79.9-129		3.68	21	
Chloroethane	10.1		"	10.0	ND	101	74.7-127		4.99	23.7	
Chloroform	10.5		"	10.0	ND	105	50.6-145		1.73	21.7	
Chloromethane	8.11		"	10.0	ND	81.1	64-111		8.08	21.4	
cis-1,2-Dichloroethylene	10.6		"	10.0	ND	106	75.5-129		2.67	20.2	
cis-1,3-Dichloropropylene	9.78		"	10.0	ND	97.8	74.3-128		1.86	19.8	
Dibromochloromethane	10.4		"	10.0	ND	104	76.8-150		2.33	20.8	
Dibromomethane	10.6		"	10.0	ND	106	83.3-140		1.12	20.4	
Dichlorodifluoromethane	7.16		"	10.0	ND	71.6	51-100		1.41	27.6	
Ethyl Benzene	10.7		"	10.0	ND	107	82.9-127		3.72	21.4	
Hexachlorobutadiene	9.38		"	10.0	ND	93.8	73-128		8.10	26	
Isopropylbenzene	11.2		"	10.0	ND	112	78.7-131		5.24	26.7	
Methyl tert-butyl ether (MTBE)	10.9		"	10.0	ND	109	81.2-134		0.911	21.2	
Methylene chloride	9.33		"	10.0	1.50	78.3	57.8-103		1.67	21.2	
Naphthalene	9.83		"	10.0	0.190	96.4	80.1-122		1.67	26.1	
n-Butylbenzene	10.0		"	10.0	ND	100	72.4-120		3.75	30.8	
n-Propylbenzene	10.0		"	10.0	ND	100	74-130		5.23	31	
o-Xylene	9.89		"	10.0	ND	98.9	78.8-122		3.71	21	
p- & m- Xylenes	21.0		"	20.0	ND	105	82.5-123		2.94	22.5	
p-Isopropyltoluene	10.3		"	10.0	ND	103	64.9-132		3.97	25.2	
sec-Butylbenzene	10.2		"	10.0	ND	102	25.4-151		5.52	25.2	
Styrene	10.8		"	10.0	ND	108	74.1-134		0.0924	20	
tert-Butylbenzene	12.1		"	10.0	ND	121	79.5-171		3.71	24.8	
Tetrachloroethylene	12.5		"	10.0	2.18	103	72.5-130		7.44	22.7	
Toluene	10.8		"	10.0	ND	108	77.8-121		5.64	21.5	
trans-1,2-Dichloroethylene	10.8		"	10.0	ND	108	83.8-140		1.68	20.1	
trans-1,3-Dichloropropylene	9.69		"	10.0	ND	96.9	74.9-136		4.00	22.5	
Trichloroethylene	10.5		"	10.0	ND	105	84.4-125		5.57	20.7	
Trichlorofluoromethane	10.2		"	10.0	ND	102	78.7-127		4.02	24.7	
Vinyl Chloride	9.24		"	10.0	ND	92.4	72.1-116		1.53	24.9	
Surrogate: 1,2-Dichloroethane-d4	10.3		"	10.0		103	72.6-129				
Surrogate: p-Bromofluorobenzene	9.79		"	10.0		97.9	63.5-145				
Surrogate: Toluene-d8	10.2		"	10.0		102	81.2-127				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit								Limit	Flag

Batch BI21011 - EPA 5030B

Blank (BI21011-BLK1)

Prepared & Analyzed: 09/26/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	1.6	2.0	"
Naphthalene	0.50	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21011 - EPA 5030B

Blank (BI21011-BLK1)

Prepared & Analyzed: 09/26/2012

Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.53		"	10.0		95.3	72.6-129				
Surrogate: p-Bromofluorobenzene	9.69		"	10.0		96.9	63.5-145				
Surrogate: Toluene-d8	10.1		"	10.0		101	81.2-127				

LCS (BI21011-BS1)

Prepared & Analyzed: 09/26/2012

1,1,1,2-Tetrachloroethane	9.53		ug/L	10.0		95.3	82.3-130				
1,1,1-Trichloroethane	9.46		"	10.0		94.6	75.6-137				
1,1,2,2-Tetrachloroethane	8.16		"	10.0		81.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.32		"	10.0		93.2	71.1-129				
1,1,2-Trichloroethane	8.08		"	10.0		80.8	74.5-129				
1,1-Dichloroethane	9.94		"	10.0		99.4	79.6-132				
1,1-Dichloroethylene	9.83		"	10.0		98.3	80.2-146				
1,1-Dichloropropylene	9.50		"	10.0		95.0	75-136				
1,2,3-Trichlorobenzene	8.63		"	10.0		86.3	66.1-136				
1,2,3-Trichloropropane	7.90		"	10.0		79.0	63-131				
1,2,4-Trichlorobenzene	8.75		"	10.0		87.5	70.6-136				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135				
1,2-Dibromo-3-chloropropane	7.97		"	10.0		79.7	58.9-140				
1,2-Dibromoethane	8.41		"	10.0		84.1	79-130				
1,2-Dichlorobenzene	9.31		"	10.0		93.1	76.1-122				
1,2-Dichloroethane	8.71		"	10.0		87.1	74.6-132				
1,2-Dichloropropane	9.16		"	10.0		91.6	76.9-129				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70.6-127				
1,3-Dichlorobenzene	9.45		"	10.0		94.5	77-124				
1,3-Dichloropropane	8.33		"	10.0		83.3	75.8-126				
1,4-Dichlorobenzene	9.51		"	10.0		95.1	76.6-125				
2,2-Dichloropropane	9.39		"	10.0		93.9	69-133				
2-Chlorotoluene	9.86		"	10.0		98.6	66.3-119				
2-Hexanone	6.67		"	10.0		66.7	70-130	Low Bias			
4-Chlorotoluene	9.96		"	10.0		99.6	69.2-127				
Acetone	8.48		"	10.0		84.8	70-130				
Benzene	9.58		"	10.0		95.8	76.2-129				
Bromobenzene	9.17		"	10.0		91.7	71.3-123				
Bromochloromethane	8.07		"	10.0		80.7	70.8-137				
Bromodichloromethane	9.17		"	10.0		91.7	79.7-134				
Bromoform	8.61		"	10.0		86.1	70.5-141				
Bromomethane	4.48		"	10.0		44.8	43.9-147				
Carbon tetrachloride	9.87		"	10.0		98.7	78.1-138				
Chlorobenzene	9.71		"	10.0		97.1	80.4-125				
Chloroethane	8.73		"	10.0		87.3	55.8-140				
Chloroform	9.11		"	10.0		91.1	76.6-133				
Chloromethane	7.24		"	10.0		72.4	48.8-115				
cis-1,2-Dichloroethylene	9.27		"	10.0		92.7	75.1-128				
cis-1,3-Dichloropropylene	9.02		"	10.0		90.2	74.5-128				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit			Result		Limits			Limit	
Batch BI21011 - EPA 5030B											
LCS (BI21011-BS1)				Prepared & Analyzed: 09/26/2012							
Dibromochloromethane	8.57		ug/L	10.0		85.7	79.8-134				
Dibromomethane	8.63		"	10.0		86.3	79-130				
Dichlorodifluoromethane	5.46		"	10.0		54.6	47.1-101				
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	10.5		"	10.0		105	64.8-128				
Isopropylbenzene	11.4		"	10.0		114	75.5-135				
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	65.1-140				
Methylene chloride	7.71		"	10.0		77.1	61.3-120				
Naphthalene	7.66		"	10.0		76.6	62.3-148				
n-Butylbenzene	10.8		"	10.0		108	67.2-123				
n-Propylbenzene	10.5		"	10.0		105	70.5-127				
o-Xylene	9.62		"	10.0		96.2	75.9-122				
p- & m- Xylenes	21.1		"	20.0		105	77.7-127				
p-Isopropyltoluene	10.8		"	10.0		108	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				
Styrene	8.58		"	10.0		85.8	77.8-123				
tert-Butylbenzene	12.2		"	10.0		122	75.9-151				
Tetrachloroethylene	9.71		"	10.0		97.1	63.6-167				
Toluene	10.6		"	10.0		106	77-123				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139				
trans-1,3-Dichloropropylene	8.48		"	10.0		84.8	72.5-137				
Trichloroethylene	10.1		"	10.0		101	77.9-130				
Trichlorofluoromethane	8.97		"	10.0		89.7	57.4-133				
Vinyl Chloride	7.37		"	10.0		73.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	8.97		"	10.0		89.7	72.6-129				
Surrogate: p-Bromofluorobenzene	10.2		"	10.0		102	63.5-145				
Surrogate: Toluene-d8	10.4		"	10.0		104	81.2-127				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21011 - EPA 5030B											
LCS Dup (BI21011-BS01)						Prepared & Analyzed: 09/26/2012					
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		10.3	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		8.99	19.7	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	71.3-131		22.5	20.8	Non-dir.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.99		"	10.0		99.9	71.1-129		6.94	21.7	
1,1,2-Trichloroethane	9.92		"	10.0		99.2	74.5-129		20.4	20.3	Non-dir.
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132		7.92	20.6	
1,1-Dichloroethylene	10.8		"	10.0		108	80.2-146		9.86	20	
1,1-Dichloropropylene	10.3		"	10.0		103	75-136		7.89	19.3	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	66.1-136		21.9	21.6	Non-dir.
1,2,3-Trichloropropane	9.53		"	10.0		95.3	63-131		18.7	23.9	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136		17.0	21.7	
1,2,4-Trimethylbenzene	10.9		"	10.0		109	75.3-135		3.17	18.8	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		24.9	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		19.8	23	
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122		10.5	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		14.5	20.2	
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129		11.9	20.7	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	70.6-127		2.01	18.9	
1,3-Dichlorobenzene	10.3		"	10.0		103	77-124		8.51	19.2	
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126		18.8	22.1	
1,4-Dichlorobenzene	10.6		"	10.0		106	76.6-125		10.9	18.6	
2,2-Dichloropropane	10.4		"	10.0		104	69-133		10.7	19.8	
2-Chlorotoluene	10.4		"	10.0		104	66.3-119		4.85	21.6	
2-Hexanone	9.18		"	10.0		91.8	70-130		31.7	30	Non-dir.
4-Chlorotoluene	10.4		"	10.0		104	69.2-127		4.71	19	
Acetone	7.85		"	10.0		78.5	70-130		7.72	30	
Benzene	10.4		"	10.0		104	76.2-129		8.11	19	
Bromobenzene	9.92		"	10.0		99.2	71.3-123		7.86	20.3	
Bromochloromethane	9.65		"	10.0		96.5	70.8-137		17.8	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		12.9	21	
Bromoform	10.1		"	10.0		101	70.5-141		16.3	21.8	
Bromomethane	7.43		"	10.0		74.3	43.9-147		49.5	28.4	Non-dir.
Carbon tetrachloride	10.7		"	10.0		107	78.1-138		7.98	20.1	
Chlorobenzene	10.7		"	10.0		107	80.4-125		9.61	19.9	
Chloroethane	9.61		"	10.0		96.1	55.8-140		9.60	23.3	
Chloroform	10.1		"	10.0		101	76.6-133		10.1	20.3	
Chloromethane	7.92		"	10.0		79.2	48.8-115		8.97	24.5	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128		10.1	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		14.2	19.9	
Dibromochloromethane	10.5		"	10.0		105	79.8-134		20.3	21.3	
Dibromomethane	10.5		"	10.0		105	79-130		19.6	22.4	
Dichlorodifluoromethane	5.97		"	10.0		59.7	47.1-101		8.92	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		5.26	19.2	
Hexachlorobutadiene	10.7		"	10.0		107	64.8-128		2.36	20.6	
Isopropylbenzene	11.5		"	10.0		115	75.5-135		0.612	20	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140		12.7	23.6	
Methylene chloride	8.75		"	10.0		87.5	61.3-120		12.6	20.4	
Naphthalene	10.5		"	10.0		105	62.3-148		31.5	27.1	Non-dir.
n-Butylbenzene	11.1		"	10.0		111	67.2-123		3.47	19.1	
n-Propylbenzene	10.6		"	10.0		106	70.5-127		1.04	23.4	
o-Xylene	10.2		"	10.0		102	75.9-122		5.66	19.3	
p- & m- Xylenes	21.8		"	20.0		109	77.7-127		3.59	18.6	
p-Isopropyltoluene	11.1		"	10.0		111	75.6-129		3.11	19.1	
sec-Butylbenzene	10.8		"	10.0		108	71.5-125		1.21	18.9	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21011 - EPA 5030B

LCS Dup (BI21011-BSD1)

Prepared & Analyzed: 09/26/2012

Styrene	10.2		ug/L	10.0		102	77.8-123		17.3	20.9
tert-Butylbenzene	12.6		"	10.0		126	75.9-151		3.39	20.9
Tetrachloroethylene	10.5		"	10.0		105	63.6-167		7.82	27.7
Toluene	10.8		"	10.0		108	77-123		1.03	18.7
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139		4.95	19.5
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137		17.0	19.3
Trichloroethylene	10.8		"	10.0		108	77.9-130		5.94	20.5
Trichlorofluoromethane	9.81		"	10.0		98.1	57.4-133		8.95	21.4
Vinyl Chloride	8.59		"	10.0		85.9	54.9-124		15.3	22.3
Surrogate: 1,2-Dichloroethane-d4	9.17		"	10.0		91.7	72.6-129			
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	63.5-145			
Surrogate: Toluene-d8	10.1		"	10.0		101	81.2-127			



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.



Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Sandor

Report Date: 09/28/2012

Client Project ID: Rowe Industries

York Project (SDG) No.: 12I0745

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 09/28/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12I0745

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 21, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12I0745-01	MW42B	Water	09/20/2012	09/21/2012
12I0745-02	MW43A	Water	09/18/2012	09/21/2012
12I0745-03	MW43B	Water	09/18/2012	09/21/2012
12I0745-04	MW43C	Water	09/18/2012	09/21/2012
12I0745-05	MW44A	Water	09/18/2012	09/21/2012
12I0745-06	MW44B	Water	09/18/2012	09/21/2012
12I0745-07	MW44C	Water	09/18/2012	09/21/2012
12I0745-08	MW45A	Water	09/21/2012	09/21/2012
12I0745-09	MW45B	Water	09/20/2012	09/21/2012
12I0745-10	MW46A	Water	09/20/2012	09/21/2012
12I0745-11	MW46B	Water	09/20/2012	09/21/2012
12I0745-12	MW47B	Water	09/20/2012	09/21/2012
12I0745-13	MW48B	Water	09/21/2012	09/21/2012
12I0745-14	MW49A	Water	09/19/2012	09/21/2012
12I0745-15	MW49B	Water	09/19/2012	09/21/2012
12I0745-16	MW49C	Water	09/19/2012	09/21/2012
12I0745-17	MW50A	Water	09/19/2012	09/21/2012
12I0745-18	MW50B	Water	09/19/2012	09/21/2012
12I0745-19	MW50C	Water	09/19/2012	09/21/2012
12I0745-20	MW52A	Water	09/20/2012	09/21/2012
12I0745-21	MW53	Water	09/20/2012	09/21/2012
12I0745-22	MW54	Water	09/20/2012	09/21/2012
12I0745-23	MW55	Water	09/20/2012	09/21/2012

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12I0745-24	MW56A	Water	09/20/2012	09/21/2012
12I0745-25	MW56B	Water	09/20/2012	09/21/2012
12I0745-26	MW56C	Water	09/20/2012	09/21/2012
12I0745-27	MW57C	Water	09/20/2012	09/21/2012
12I0745-28	MWA	Water	09/20/2012	09/21/2012
12I0745-29	MWB	Water	09/20/2012	09/21/2012
12I0745-30	MWC	Water	09/19/2012	09/21/2012
12I0745-31	N-9	Water	09/20/2012	09/21/2012
12I0745-32	N-16	Water	09/21/2012	09/21/2012
12I0745-33	N-17	Water	09/21/2012	09/21/2012
12I0745-34	N-32	Water	09/20/2012	09/21/2012
12I0745-35	N-1A	Water	09/19/2012	09/21/2012
12I0745-36	N-1B	Water	09/19/2012	09/21/2012
12I0745-37	N-2A	Water	09/19/2012	09/21/2012
12I0745-38	N-2B	Water	09/19/2012	09/21/2012
12I0745-39	MWB1	Water	09/21/2012	09/21/2012
12I0745-40	MWB2	Water	09/21/2012	09/21/2012
12I0745-41	MWB3	Water	09/21/2012	09/21/2012
12I0745-42	MWB4	Water	09/21/2012	09/21/2012
12I0745-43	Trip Blank-TR	Water	09/21/2012	09/21/2012
12I0745-44	Trip Blank-SH	Water	09/21/2012	09/21/2012
12I0745-45	Trip Blank-EA	Water	09/21/2012	09/21/2012
12I0745-46	Field Blank-TR	Water	09/20/2012	09/21/2012
12I0745-47	Field Blank-SH	Water	09/20/2012	09/21/2012
12I0745-48	Field Blank-EA	Water	09/20/2012	09/21/2012

General Notes for York Project (SDG) No.: 12I0745

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Date: 09/28/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director





Sample Information

Client Sample ID: MW42B

York Sample ID: 1210745-01

York Project (SDG) No.

1210745

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

September 20, 2012 5:56 pm

Date Received

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
67-64-1	Acetone	5.3		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS



Sample Information

Client Sample ID: MW42B

York Sample ID: 1210745-01

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 5:56 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
75-09-2	Methylene chloride	1.7	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
91-20-3	Naphthalene	0.24	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 12:38	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: MW42B

York Sample ID: 1210745-01

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 5:56 pm

Date Received
09/21/2012

Sample Information

Client Sample ID: MW43A

York Sample ID: 1210745-02

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 2:21 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
71-55-6	1,1,1-Trichloroethane	5.7		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
75-34-3	1,1-Dichloroethane	2.0		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
75-35-4	1,1-Dichloroethylene	0.50		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS



Sample Information

Client Sample ID: MW43A

York Sample ID: 1210745-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 18, 2012 2:21 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
75-09-2	Methylene chloride	1.7	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
91-20-3	Naphthalene	0.11	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
127-18-4	Tetrachloroethylene	1.2		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
79-01-6	Trichloroethylene	0.22	J	ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS



Sample Information

Client Sample ID: MW43A

York Sample ID: 1210745-02

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 2:21 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:12	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	93.3 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	102 %		81.2-127							

Sample Information

Client Sample ID: MW43B

York Sample ID: 1210745-03

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 3:51 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS



Sample Information

Client Sample ID: MW43B

York Sample ID: 1210745-03

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 3:51 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
67-64-1	Acetone	1.7	J	ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS



Sample Information

Client Sample ID: MW43B

York Sample ID: 1210745-03

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 3:51 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 13:46	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.6 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: MW43C

York Sample ID: 1210745-04

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 4:30 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS



Sample Information

Client Sample ID: MW43C

York Sample ID: 1210745-04

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 4:30 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
67-64-1	Acetone	1.9	J	ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS



Sample Information

Client Sample ID: MW43C

York Sample ID: 1210745-04

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 4:30 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:19	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								

Sample Information

Client Sample ID: MW44A

York Sample ID: 1210745-05

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 2:02 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS



Sample Information

Client Sample ID: MW44A

York Sample ID: 1210745-05

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 2:02 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
67-66-3	Chloroform	0.37	J	ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS



Sample Information

Client Sample ID: MW44A

York Sample ID: 1210745-05

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 2:02 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
127-18-4	Tetrachloroethylene	0.11	J	ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 14:53	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.5 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								

Sample Information

Client Sample ID: MW44B

York Sample ID: 1210745-06

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 12:41 pm

Date Received
09/21/2012



Sample Information

Client Sample ID: MW44B

York Sample ID: 1210745-06

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 12:41 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
67-64-1	Acetone	1.1	J	ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS



Sample Information

Client Sample ID: MW44B

York Sample ID: 1210745-06

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 12:41 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
67-66-3	Chloroform	0.44	J	ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
127-18-4	Tetrachloroethylene	0.30	J	ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 15:27	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: MW44C

York Sample ID: 1210745-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 18, 2012 2:34 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
67-64-1	Acetone	1.4	J	ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS



Sample Information

Client Sample ID: MW44C

York Sample ID: 1210745-07

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 18, 2012 2:34 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:01	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.1 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								



Sample Information

Client Sample ID: MW45A

York Sample ID: 1210745-08

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 21, 2012 9:52 am

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
67-64-1	Acetone	1.1	J	ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS



Sample Information

Client Sample ID: MW45A

York Sample ID: 1210745-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 9:52 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
127-18-4	Tetrachloroethylene	0.11	J	ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 16:35	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								



Sample Information

Client Sample ID: MW45B

York Sample ID: 1210745-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 4:15 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
67-64-1	Acetone	4.7		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS



Sample Information

Client Sample ID: MW45B

York Sample ID: 1210745-09

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 4:15 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:09	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.8 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								



Sample Information

Client Sample ID: MW46A

York Sample ID: 1210745-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 2:15 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
67-64-1	Acetone	1.5	J	ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS



Sample Information

Client Sample ID: MW46A

York Sample ID: 1210745-10

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 2:15 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 17:43	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.8 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								



Sample Information

Client Sample ID: MW46B

York Sample ID: 1210745-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 2:35 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
67-64-1	Acetone	2.1		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS



Sample Information

Client Sample ID: MW46B

York Sample ID: 1210745-11

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 2:35 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:16	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: MW47B

York Sample ID: 1210745-12

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 3:10 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
67-64-1	Acetone	2.4	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS



Sample Information

Client Sample ID: MW47B

York Sample ID: 1210745-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 3:10 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
91-20-3	Naphthalene	0.20	J	ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:02	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.3 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.6 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: MW48B

York Sample ID: 1210745-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 8:52 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
67-64-1	Acetone	2.1	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS



Sample Information

Client Sample ID: MW48B

York Sample ID: 1210745-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 8:52 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
75-09-2	Methylene chloride	1.4	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
91-20-3	Naphthalene	0.11	J	ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 01:36	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	103 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								



Sample Information

Client Sample ID: MW49A

York Sample ID: 1210745-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 2:42 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS



Sample Information

Client Sample ID: MW49A

York Sample ID: 1210745-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 2:42 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
127-18-4	Tetrachloroethylene	0.11	J	ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:10	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	102 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	96.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								



Sample Information

Client Sample ID: MW49B

York Sample ID: 1210745-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 2:07 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS



Sample Information

Client Sample ID: MW49B

York Sample ID: 1210745-15

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 2:07 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
127-18-4	Tetrachloroethylene	0.43	J	ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:53	09/26/2012 18:50	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: MW49C

York Sample ID: 1210745-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 1:27 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS



Sample Information

Client Sample ID: MW49C

York Sample ID: 1210745-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 1:27 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
67-66-3	Chloroform	0.15	J	ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 02:43	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.8 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: MW50A

York Sample ID: 1210745-17

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 9:40 am

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS



Sample Information

Client Sample ID: MW50A

York Sample ID: 1210745-17

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 9:40 am

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
67-66-3	Chloroform	1.4		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	0.77		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:17	SS

Surrogate Recoveries		Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129
460-00-4	Surrogate: p-Bromofluorobenzene	93.1 %	63.5-145
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127



Sample Information

Client Sample ID: MW50B

York Sample ID: 1210745-18

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 10:06 am

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS



Sample Information

Client Sample ID: MW50B

York Sample ID: 1210745-18

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 10:06 am

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
67-66-3	Chloroform	0.51		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 03:51	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.9 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								



Sample Information

Client Sample ID: MW50C

York Sample ID: 1210745-19

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 10:30 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
67-64-1	Acetone	1.0	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS



Sample Information

Client Sample ID: MW50C

York Sample ID: 1210745-19

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 10:30 am

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:25	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	100 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								



Sample Information

Client Sample ID: MW52A

York Sample ID: 1210745-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 6:25 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
67-64-1	Acetone	3.2	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS



Sample Information

Client Sample ID: MW52A

York Sample ID: 1210745-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 6:25 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
127-18-4	Tetrachloroethylene	0.32	J	ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
108-88-3	Toluene	15		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 04:58	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.5 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.6 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								



Sample Information

Client Sample ID: MW53

York Sample ID: 1210745-21

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 4:18 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
71-55-6	1,1,1-Trichloroethane	3.5		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
75-34-3	1,1-Dichloroethane	1.4		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
75-35-4	1,1-Dichloroethylene	0.22	J	ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS



Sample Information

Client Sample ID: MW53

York Sample ID: 1210745-21

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 4:18 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
127-18-4	Tetrachloroethylene	0.31	J	ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 05:32	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.5 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: MW54

York Sample ID: 1210745-22

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 5:02 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
71-55-6	1,1,1-Trichloroethane	2.1		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
75-34-3	1,1-Dichloroethane	0.98		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
75-35-4	1,1-Dichloroethylene	0.13	J	ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS



Sample Information

Client Sample ID: MW54

York Sample ID: 1210745-22

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 5:02 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
127-18-4	Tetrachloroethylene	0.44	J	ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
108-88-3	Toluene	0.27	J	ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:06	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0 Surrogate: 1,2-Dichloroethane-d4
460-00-4 Surrogate: p-Bromofluorobenzene
2037-26-5 Surrogate: Toluene-d8

94.9 %
93.4 %
103 %

72.6-129
63.5-145
81.2-127



Sample Information

Client Sample ID: MW55

York Sample ID: 1210745-23

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 4:59 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
67-64-1	Acetone	2.2	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS



Sample Information

Client Sample ID: MW55

York Sample ID: 1210745-23

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 4:59 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
75-09-2	Methylene chloride	1.7	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 06:40	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.4 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								



Sample Information

Client Sample ID: MW56A

York Sample ID: 1210745-24

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 12:06 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS



Sample Information

Client Sample ID: MW56A

York Sample ID: 1210745-24

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 12:06 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
67-66-3	Chloroform	0.18	J	ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
75-09-2	Methylene chloride	1.7	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:14	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.9 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.6 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: MW56B

York Sample ID: 1210745-25

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 1:10 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS



Sample Information

Client Sample ID: MW56B

York Sample ID: 1210745-25

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 1:10 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 07:47	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	89.6 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								



Sample Information

Client Sample ID: MW56C

York Sample ID: 1210745-26

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 12:37 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS



Sample Information

Client Sample ID: MW56C

York Sample ID: 1210745-26

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 12:37 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
75-09-2	Methylene chloride	1.7	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/26/2012 10:50	09/27/2012 08:21	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.3 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	91.9 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: MW57C

York Sample ID: 1210745-27

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 3:23 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS



Sample Information

Client Sample ID: MW57C

York Sample ID: 1210745-27

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 3:23 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
67-66-3	Chloroform	1.3		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:05	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	94.0 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								



Sample Information

Client Sample ID: MWA

York Sample ID: 1210745-28

York Project (SDG) No.

1210745

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

September 20, 2012 12:15 pm

Date Received

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
67-64-1	Acetone	2.7	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS



Sample Information

Client Sample ID: MWA

York Sample ID: 1210745-28

York Project (SDG) No.

1210745

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

September 20, 2012 12:15 pm

Date Received

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 14:39	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.9 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								



Sample Information

Client Sample ID: MWB

York Sample ID: 1210745-29

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 12:00 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
71-55-6	1,1,1-Trichloroethane	2.1		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
75-34-3	1,1-Dichloroethane	0.99		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
75-35-4	1,1-Dichloroethylene	0.11	J	ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
67-64-1	Acetone	1.2	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS



Sample Information

Client Sample ID: MWB

York Sample ID: 1210745-29

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 12:00 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
127-18-4	Tetrachloroethylene	0.42	J	ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:13	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	92.0 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								



Sample Information

Client Sample ID: MWC

York Sample ID: 1210745-30

York Project (SDG) No.

1210745

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

September 19, 2012 12:05 pm

Date Received

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
67-64-1	Acetone	1.7	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS



Sample Information

Client Sample ID: MWC

York Sample ID: 1210745-30

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 12:05 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
67-66-3	Chloroform	0.15	J	ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 15:47	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.1 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: N-9

York Sample ID: 1210745-31

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 12:28 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
67-64-1	Acetone	1.9	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS



Sample Information

Client Sample ID: N-9

York Sample ID: 1210745-31

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 12:28 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	13		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
91-20-3	Naphthalene	0.12	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:21	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	91.8 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: N-16

York Sample ID: 1210745-32

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 10:47 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
67-64-1	Acetone	1.9	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS



Sample Information

Client Sample ID: N-16

York Sample ID: 1210745-32

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 21, 2012 10:47 am

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 16:55	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.1 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	104 %	81.2-127								



Sample Information

Client Sample ID: N-17

York Sample ID: 1210745-33

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 9:32 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
67-64-1	Acetone	1.8	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS



Sample Information

Client Sample ID: N-17

York Sample ID: 1210745-33

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 21, 2012 9:32 am

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 17:28	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.2 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								



Sample Information

Client Sample ID: N-32

York Sample ID: 1210745-34

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 5:35 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
67-64-1	Acetone	2.6	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS



Sample Information

Client Sample ID: N-32

York Sample ID: 1210745-34

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 5:35 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
67-66-3	Chloroform	0.12	J	ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:02	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	95.1 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	96.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: N-1A

York Sample ID: 1210745-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 3:51 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
67-64-1	Acetone	1.2	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS



Sample Information

Client Sample ID: N-1A

York Sample ID: 1210745-35

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 3:51 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
67-66-3	Chloroform	0.25	J	ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 18:36	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.4 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: N-1B

York Sample ID: 1210745-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 5:38 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS



Sample Information

Client Sample ID: N-1B

York Sample ID: 1210745-36

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 5:38 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:10	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.2 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: N-2A

York Sample ID: 1210745-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 11:45 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
67-64-1	Acetone	2.1	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS



Sample Information

Client Sample ID: N-2A

York Sample ID: 1210745-37

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 11:45 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
67-66-3	Chloroform	0.59		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 19:44	SS

Surrogate Recoveries

Result

Acceptance Range

17060-07-0 *Surrogate: 1,2-Dichloroethane-d4*

91.8 %

72.6-129

460-00-4 *Surrogate: p-Bromofluorobenzene*

95.8 %

63.5-145

2037-26-5 *Surrogate: Toluene-d8*

103 %

81.2-127



Sample Information

Client Sample ID: N-2B

York Sample ID: 1210745-38

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 19, 2012 12:22 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
67-64-1	Acetone	1.4	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS



Sample Information

Client Sample ID: N-2B

York Sample ID: 1210745-38

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 19, 2012 12:22 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
67-66-3	Chloroform	1.1		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 10:28	09/27/2012 20:17	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.6 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: MWB1

York Sample ID: 1210745-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 10:45 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
67-64-1	Acetone	1.4	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS



Sample Information

Client Sample ID: MWB1

York Sample ID: 1210745-39

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 10:45 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
91-20-3	Naphthalene	0.20	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 00:48	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	90.2 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								



Sample Information

Client Sample ID: MWB2

York Sample ID: 1210745-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 9:52 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
67-64-1	Acetone	1.7	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS



Sample Information

Client Sample ID: MWB2

York Sample ID: 1210745-40

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 9:52 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
75-09-2	Methylene chloride	1.3	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
91-20-3	Naphthalene	0.11	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 01:22	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.6 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	92.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								



Sample Information

Client Sample ID: MWB3

York Sample ID: 1210745-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 11:30 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
67-64-1	Acetone	1.4	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS



Sample Information

Client Sample ID: MWB3

York Sample ID: 1210745-41

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 11:30 am

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
75-09-2	Methylene chloride	1.9	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
91-20-3	Naphthalene	0.13	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 08:42	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	96.2 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.6 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	101 %	81.2-127								



Sample Information

Client Sample ID: MWB4

York Sample ID: 1210745-42

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 12:20 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
67-64-1	Acetone	1.1	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS



Sample Information

Client Sample ID: MWB4

York Sample ID: 1210745-42

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 21, 2012 12:20 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/27/2012 11:51	09/28/2012 09:16	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.5 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	102 %	81.2-127								



Sample Information

Client Sample ID: Trip Blank-TR

York Sample ID: 1210745-43

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 21, 2012 3:00 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
67-64-1	Acetone	0.94	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS



Sample Information

Client Sample ID: Trip Blank-TR

York Sample ID: 1210745-43

York Project (SDG) No.

1210745

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

September 21, 2012 3:00 pm

Date Received

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
75-09-2	Methylene chloride	2.1	B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
91-20-3	Naphthalene	0.17	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/28/2012 12:09	09/28/2012 12:09	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.0 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.5 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								



Sample Information

Client Sample ID: Trip Blank-SH

York Sample ID: 1210745-44

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 21, 2012 3:00 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
67-64-1	Acetone	1.4	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS



Sample Information

Client Sample ID: Trip Blank-SH

York Sample ID: 1210745-44

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 3:00 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
75-09-2	Methylene chloride	1.7	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
91-20-3	Naphthalene	0.11	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/28/2012 12:42	09/28/2012 12:42	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	104 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.8 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								



Sample Information

Client Sample ID: Trip Blank-EA

York Sample ID: 1210745-45

York Project (SDG) No.
1210745

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 21, 2012 3:00 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS



Sample Information

Client Sample ID: Trip Blank-EA

York Sample ID: 1210745-45

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 21, 2012 3:00 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/28/2012 13:16	09/28/2012 13:16	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	99.7 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.3 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	104 %	81.2-127								



Sample Information

Client Sample ID: Field Blank-TR

York Sample ID: 1210745-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 1:15 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
95-63-6	1,2,4-Trimethylbenzene	0.22	J	ug/L	0.068	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
67-64-1	Acetone	2.5	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS



Sample Information

Client Sample ID: Field Blank-TR

York Sample ID: 1210745-46

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 1:15 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
91-20-3	Naphthalene	0.48	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/28/2012 13:50	09/28/2012 13:50	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	101 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	104 %	81.2-127								



Sample Information

Client Sample ID: Field Blank-SH

York Sample ID: 1210745-47

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 1:15 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
95-63-6	1,2,4-Trimethylbenzene	0.21	J	ug/L	0.068	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
67-64-1	Acetone	2.3	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS



Sample Information

Client Sample ID: Field Blank-SH

York Sample ID: 1210745-47

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 1:15 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
75-09-2	Methylene chloride	1.4	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
91-20-3	Naphthalene	0.41	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/28/2012 14:24	09/28/2012 14:24	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.3 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	96.2 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	103 %	81.2-127								



Sample Information

Client Sample ID: Field Blank-EA

York Sample ID: 1210745-48

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

1210745

Rowe Industries

Water

September 20, 2012 1:15 pm

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
95-63-6	1,2,4-Trimethylbenzene	0.20	J	ug/L	0.068	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
67-64-1	Acetone	2.2	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS



Sample Information

Client Sample ID: Field Blank-EA

York Sample ID: 1210745-48

York Project (SDG) No.

1210745

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

September 20, 2012 1:15 pm

Date Received

09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
91-20-3	Naphthalene	0.42	J, B	ug/L	0.090	2.0	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/28/2012 11:16	09/28/2012 14:58	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.5 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	97.4 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	105 %	81.2-127								



Analytical Batch Summary

Batch ID: BI20955

Preparation Method: EPA 5030B

Prepared By: VRL

YORK Sample ID	Client Sample ID	Preparation Date
12I0745-12	MW47B	09/26/12
12I0745-13	MW48B	09/26/12
12I0745-14	MW49A	09/26/12
12I0745-16	MW49C	09/26/12
12I0745-17	MW50A	09/26/12
12I0745-18	MW50B	09/26/12
12I0745-19	MW50C	09/26/12
12I0745-20	MW52A	09/26/12
12I0745-21	MW53	09/26/12
12I0745-22	MW54	09/26/12
12I0745-23	MW55	09/26/12
12I0745-24	MW56A	09/26/12
12I0745-25	MW56B	09/26/12
12I0745-26	MW56C	09/26/12
BI20955-BLK1	Blank	09/26/12
BI20955-BS1	LCS	09/26/12
BI20955-BSD1	LCS Dup	09/26/12

Batch ID: BI21011

Preparation Method: EPA 5030B

Prepared By: VRL

YORK Sample ID	Client Sample ID	Preparation Date
12I0745-01	MW42B	09/26/12
12I0745-02	MW43A	09/26/12
12I0745-03	MW43B	09/26/12
12I0745-04	MW43C	09/26/12
12I0745-05	MW44A	09/26/12
12I0745-06	MW44B	09/26/12
12I0745-07	MW44C	09/26/12
12I0745-08	MW45A	09/26/12
12I0745-09	MW45B	09/26/12
12I0745-10	MW46A	09/26/12
12I0745-11	MW46B	09/26/12
12I0745-15	MW49B	09/26/12
BI21011-BLK1	Blank	09/26/12
BI21011-BS1	LCS	09/26/12
BI21011-BSD1	LCS Dup	09/26/12
BI21011-MS1	Matrix Spike	09/26/12
BI21011-MSD1	Matrix Spike Dup	09/26/12

Batch ID: BI21094

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12I0745-27	MW57C	09/27/12
12I0745-28	MWA	09/27/12
12I0745-29	MWB	09/27/12
12I0745-30	MWC	09/27/12
12I0745-31	N-9	09/27/12
12I0745-32	N-16	09/27/12



12I0745-33	N-17	09/27/12
12I0745-34	N-32	09/27/12
12I0745-35	N-1A	09/27/12
12I0745-36	N-1B	09/27/12
12I0745-37	N-2A	09/27/12
12I0745-38	N-2B	09/27/12
BI21094-BLK1	Blank	09/27/12
BI21094-BS1	LCS	09/27/12
BI21094-BSD1	LCS Dup	09/27/12

Batch ID: BI21106 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12I0745-39	MWB1	09/27/12
12I0745-40	MWB2	09/27/12
12I0745-41	MWB3	09/27/12
12I0745-42	MWB4	09/27/12
BI21106-BLK1	Blank	09/27/12
BI21106-BS1	LCS	09/27/12
BI21106-BSD1	LCS Dup	09/27/12

Batch ID: BI21155 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12I0745-43	Trip Blank-TR	09/28/12
12I0745-44	Trip Blank-SH	09/28/12
12I0745-45	Trip Blank-EA	09/28/12
12I0745-46	Field Blank-TR	09/28/12
12I0745-47	Field Blank-SH	09/28/12
12I0745-48	Field Blank-EA	09/28/12
BI21155-BLK1	Blank	09/28/12
BI21155-BS1	LCS	09/28/12
BI21155-BSD1	LCS Dup	09/28/12



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20955 - EPA 5030B

Blank (BI20955-BLK1)

Prepared: 09/26/2012 Analyzed: 09/27/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	1.6	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	1.6	2.0	"
Naphthalene	ND	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit								Limit	Flag

Batch BI20955 - EPA 5030B

Blank (BI20955-BLK1)

Prepared: 09/26/2012 Analyzed: 09/27/2012

Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.97		"	10.0		99.7	72.6-129				
Surrogate: p-Bromofluorobenzene	9.54		"	10.0		95.4	63.5-145				
Surrogate: Toluene-d8	10.2		"	10.0		102	81.2-127				

LCS (BI20955-BS1)

Prepared & Analyzed: 09/26/2012

1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82.3-130				
1,1,1-Trichloroethane	11.5		"	10.0		115	75.6-137				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	71.1-129				
1,1,2-Trichloroethane	10.6		"	10.0		106	74.5-129				
1,1-Dichloroethane	11.5		"	10.0		115	79.6-132				
1,1-Dichloroethylene	11.8		"	10.0		118	80.2-146				
1,1-Dichloropropylene	11.1		"	10.0		111	75-136				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	63-131				
1,2,4-Trichlorobenzene	9.74		"	10.0		97.4	70.6-136				
1,2,4-Trimethylbenzene	11.1		"	10.0		111	75.3-135				
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	58.9-140				
1,2-Dibromoethane	11.1		"	10.0		111	79-130				
1,2-Dichlorobenzene	10.1		"	10.0		101	76.1-122				
1,2-Dichloroethane	11.0		"	10.0		110	74.6-132				
1,2-Dichloropropane	10.9		"	10.0		109	76.9-129				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70.6-127				
1,3-Dichlorobenzene	9.89		"	10.0		98.9	77-124				
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126				
1,4-Dichlorobenzene	10.1		"	10.0		101	76.6-125				
2,2-Dichloropropane	8.62		"	10.0		86.2	69-133				
2-Chlorotoluene	10.2		"	10.0		102	66.3-119				
2-Hexanone	10.8		"	10.0		108	70-130				
4-Chlorotoluene	10.5		"	10.0		105	69.2-127				
Acetone	12.0		"	10.0		120	70-130				
Benzene	11.0		"	10.0		110	76.2-129				
Bromobenzene	10.0		"	10.0		100	71.3-123				
Bromochloromethane	11.1		"	10.0		111	70.8-137				
Bromodichloromethane	11.1		"	10.0		111	79.7-134				
Bromoform	10.4		"	10.0		104	70.5-141				
Bromomethane	8.57		"	10.0		85.7	43.9-147				
Carbon tetrachloride	11.8		"	10.0		118	78.1-138				
Chlorobenzene	11.2		"	10.0		112	80.4-125				
Chloroethane	10.5		"	10.0		105	55.8-140				
Chloroform	10.8		"	10.0		108	76.6-133				
Chloromethane	8.54		"	10.0		85.4	48.8-115				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	75.1-128				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20955 - EPA 5030B

LCS (BI20955-BS1)

Prepared & Analyzed: 09/26/2012

Dibromochloromethane	10.9		ug/L	10.0		109	79.8-134				
Dibromomethane	11.1		"	10.0		111	79-130				
Dichlorodifluoromethane	6.60		"	10.0		66.0	47.1-101				
Ethyl Benzene	11.4		"	10.0		114	80.8-128				
Hexachlorobutadiene	10.2		"	10.0		102	64.8-128				
Isopropylbenzene	11.7		"	10.0		117	75.5-135				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	65.1-140				
Methylene chloride	9.29		"	10.0		92.9	61.3-120				
Naphthalene	10.6		"	10.0		106	62.3-148				
n-Butylbenzene	10.9		"	10.0		109	67.2-123				
n-Propylbenzene	10.4		"	10.0		104	70.5-127				
o-Xylene	10.6		"	10.0		106	75.9-122				
p- & m- Xylenes	22.8		"	20.0		114	77.7-127				
p-Isopropyltoluene	10.9		"	10.0		109	75.6-129				
sec-Butylbenzene	10.8		"	10.0		108	71.5-125				
Styrene	11.4		"	10.0		114	77.8-123				
tert-Butylbenzene	12.3		"	10.0		123	75.9-151				
Tetrachloroethylene	11.0		"	10.0		110	63.6-167				
Toluene	11.2		"	10.0		112	77-123				
trans-1,2-Dichloroethylene	11.3		"	10.0		113	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	11.4		"	10.0		114	77.9-130				
Trichlorofluoromethane	10.9		"	10.0		109	57.4-133				
Vinyl Chloride	9.78		"	10.0		97.8	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.77</i>		<i>"</i>	<i>10.0</i>		<i>97.7</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>81.2-127</i>				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20955 - EPA 5030B											
LCS Dup (BI20955-BSD1)						Prepared & Analyzed: 09/26/2012					
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82.3-130		0.268	21.1	
1,1,1-Trichloroethane	11.1		"	10.0		111	75.6-137		3.45	19.7	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71.3-131		1.91	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	71.1-129		3.40	21.7	
1,1,2-Trichloroethane	10.9		"	10.0		109	74.5-129		2.89	20.3	
1,1-Dichloroethane	11.3		"	10.0		113	79.6-132		1.49	20.6	
1,1-Dichloroethylene	11.2		"	10.0		112	80.2-146		4.97	20	
1,1-Dichloropropylene	10.7		"	10.0		107	75-136		3.57	19.3	
1,2,3-Trichlorobenzene	10.7		"	10.0		107	66.1-136		5.39	21.6	
1,2,3-Trichloropropane	10.2		"	10.0		102	63-131		0.491	23.9	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70.6-136		3.93	21.7	
1,2,4-Trimethylbenzene	8.99		"	10.0		89.9	75.3-135		21.1	18.8	Non-dir.
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	58.9-140		7.08	27.7	
1,2-Dibromoethane	11.1		"	10.0		111	79-130		0.0900	23	
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122		1.38	19.8	
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132		1.94	20.2	
1,2-Dichloropropane	10.7		"	10.0		107	76.9-129		2.22	20.7	
1,3,5-Trimethylbenzene	9.48		"	10.0		94.8	70.6-127		8.68	18.9	
1,3-Dichlorobenzene	9.96		"	10.0		99.6	77-124		0.705	19.2	
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126		0.188	22.1	
1,4-Dichlorobenzene	10.1		"	10.0		101	76.6-125		0.198	18.6	
2,2-Dichloropropane	8.24		"	10.0		82.4	69-133		4.51	19.8	
2-Chlorotoluene	10.4		"	10.0		104	66.3-119		2.23	21.6	
2-Hexanone	10.8		"	10.0		108	70-130		0.00	30	
4-Chlorotoluene	10.5		"	10.0		105	69.2-127		0.476	19	
Acetone	12.0		"	10.0		120	70-130		0.333	30	
Benzene	10.6		"	10.0		106	76.2-129		3.25	19	
Bromobenzene	10.1		"	10.0		101	71.3-123		1.09	20.3	
Bromochloromethane	10.9		"	10.0		109	70.8-137		1.36	23.9	
Bromodichloromethane	11.3		"	10.0		113	79.7-134		1.79	21	
Bromoform	10.8		"	10.0		108	70.5-141		2.93	21.8	
Bromomethane	8.56		"	10.0		85.6	43.9-147		0.117	28.4	
Carbon tetrachloride	11.4		"	10.0		114	78.1-138		3.19	20.1	
Chlorobenzene	11.1		"	10.0		111	80.4-125		0.358	19.9	
Chloroethane	10.3		"	10.0		103	55.8-140		1.74	23.3	
Chloroform	10.5		"	10.0		105	76.6-133		3.00	20.3	
Chloromethane	8.16		"	10.0		81.6	48.8-115		4.55	24.5	
cis-1,2-Dichloroethylene	10.7		"	10.0		107	75.1-128		2.58	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		0.962	19.9	
Dibromochloromethane	11.2		"	10.0		112	79.8-134		2.36	21.3	
Dibromomethane	11.4		"	10.0		114	79-130		3.38	22.4	
Dichlorodifluoromethane	6.45		"	10.0		64.5	47.1-101		2.30	23.9	
Ethyl Benzene	11.5		"	10.0		115	80.8-128		0.873	19.2	
Hexachlorobutadiene	10.7		"	10.0		107	64.8-128		5.07	20.6	
Isopropylbenzene	11.6		"	10.0		116	75.5-135		1.20	20	
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	65.1-140		0.179	23.6	
Methylene chloride	9.41		"	10.0		94.1	61.3-120		1.28	20.4	
Naphthalene	10.0		"	10.0		100	62.3-148		5.35	27.1	
n-Butylbenzene	11.0		"	10.0		110	67.2-123		0.457	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		1.26	23.4	
o-Xylene	10.6		"	10.0		106	75.9-122		0.0942	19.3	
p- & m- Xylenes	22.3		"	20.0		111	77.7-127		2.40	18.6	
p-Isopropyltoluene	10.8		"	10.0		108	75.6-129		1.57	19.1	
sec-Butylbenzene	10.8		"	10.0		108	71.5-125		0.0925	18.9	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20955 - EPA 5030B

LCS Dup (BI20955-BSD1)

Prepared & Analyzed: 09/26/2012

Styrene	7.84		ug/L	10.0		78.4	77.8-123		37.0	20.9	Non-dir.
tert-Butylbenzene	11.4		"	10.0		114	75.9-151		7.00	20.9	
Tetrachloroethylene	11.0		"	10.0		110	63.6-167		0.00	27.7	
Toluene	11.2		"	10.0		112	77-123		0.00	18.7	
trans-1,2-Dichloroethylene	10.9		"	10.0		109	76.3-139		3.42	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		0.195	19.3	
Trichloroethylene	11.4		"	10.0		114	77.9-130		0.352	20.5	
Trichlorofluoromethane	10.7		"	10.0		107	57.4-133		1.20	21.4	
Vinyl Chloride	9.04		"	10.0		90.4	54.9-124		7.86	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.40		"	10.0		94.0	72.6-129				
Surrogate: p-Bromofluorobenzene	9.88		"	10.0		98.8	63.5-145				
Surrogate: Toluene-d8	10.1		"	10.0		101	81.2-127				

Batch BI21011 - EPA 5030B

Blank (BI21011-BLK1)

Prepared & Analyzed: 09/26/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	ND	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21011 - EPA 5030B

Blank (BI21011-BLK1)

Prepared & Analyzed: 09/26/2012

cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.6	2.0	"								
Naphthalene	0.50	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.53		"	10.0		95.3	72.6-129				
Surrogate: p-Bromofluorobenzene	9.69		"	10.0		96.9	63.5-145				
Surrogate: Toluene-d8	10.1		"	10.0		101	81.2-127				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result	%REC	Limits		Limit		
Batch BI21011 - EPA 5030B											
LCS (BI21011-BS1)				Prepared & Analyzed: 09/26/2012							
1,1,1,2-Tetrachloroethane	9.53		ug/L	10.0		95.3	82.3-130				
1,1,1-Trichloroethane	9.46		"	10.0		94.6	75.6-137				
1,1,2,2-Tetrachloroethane	8.16		"	10.0		81.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.32		"	10.0		93.2	71.1-129				
1,1,2-Trichloroethane	8.08		"	10.0		80.8	74.5-129				
1,1-Dichloroethane	9.94		"	10.0		99.4	79.6-132				
1,1-Dichloroethylene	9.83		"	10.0		98.3	80.2-146				
1,1-Dichloropropylene	9.50		"	10.0		95.0	75-136				
1,2,3-Trichlorobenzene	8.63		"	10.0		86.3	66.1-136				
1,2,3-Trichloropropane	7.90		"	10.0		79.0	63-131				
1,2,4-Trichlorobenzene	8.75		"	10.0		87.5	70.6-136				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135				
1,2-Dibromo-3-chloropropane	7.97		"	10.0		79.7	58.9-140				
1,2-Dibromoethane	8.41		"	10.0		84.1	79-130				
1,2-Dichlorobenzene	9.31		"	10.0		93.1	76.1-122				
1,2-Dichloroethane	8.71		"	10.0		87.1	74.6-132				
1,2-Dichloropropane	9.16		"	10.0		91.6	76.9-129				
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70.6-127				
1,3-Dichlorobenzene	9.45		"	10.0		94.5	77-124				
1,3-Dichloropropane	8.33		"	10.0		83.3	75.8-126				
1,4-Dichlorobenzene	9.51		"	10.0		95.1	76.6-125				
2,2-Dichloropropane	9.39		"	10.0		93.9	69-133				
2-Chlorotoluene	9.86		"	10.0		98.6	66.3-119				
2-Hexanone	6.67		"	10.0		66.7	70-130	Low Bias			
4-Chlorotoluene	9.96		"	10.0		99.6	69.2-127				
Acetone	8.48		"	10.0		84.8	70-130				
Benzene	9.58		"	10.0		95.8	76.2-129				
Bromobenzene	9.17		"	10.0		91.7	71.3-123				
Bromochloromethane	8.07		"	10.0		80.7	70.8-137				
Bromodichloromethane	9.17		"	10.0		91.7	79.7-134				
Bromoform	8.61		"	10.0		86.1	70.5-141				
Bromomethane	4.48		"	10.0		44.8	43.9-147				
Carbon tetrachloride	9.87		"	10.0		98.7	78.1-138				
Chlorobenzene	9.71		"	10.0		97.1	80.4-125				
Chloroethane	8.73		"	10.0		87.3	55.8-140				
Chloroform	9.11		"	10.0		91.1	76.6-133				
Chloromethane	7.24		"	10.0		72.4	48.8-115				
cis-1,2-Dichloroethylene	9.27		"	10.0		92.7	75.1-128				
cis-1,3-Dichloropropylene	9.02		"	10.0		90.2	74.5-128				
Dibromochloromethane	8.57		"	10.0		85.7	79.8-134				
Dibromomethane	8.63		"	10.0		86.3	79-130				
Dichlorodifluoromethane	5.46		"	10.0		54.6	47.1-101				
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	10.5		"	10.0		105	64.8-128				
Isopropylbenzene	11.4		"	10.0		114	75.5-135				
Methyl tert-butyl ether (MTBE)	11.5		"	10.0		115	65.1-140				
Methylene chloride	7.71		"	10.0		77.1	61.3-120				
Naphthalene	7.66		"	10.0		76.6	62.3-148				
n-Butylbenzene	10.8		"	10.0		108	67.2-123				
n-Propylbenzene	10.5		"	10.0		105	70.5-127				
o-Xylene	9.62		"	10.0		96.2	75.9-122				
p- & m- Xylenes	21.1		"	20.0		105	77.7-127				
p-Isopropyltoluene	10.8		"	10.0		108	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21011 - EPA 5030B

LCS (BI21011-BS1)

Prepared & Analyzed: 09/26/2012

Styrene	8.58		ug/L	10.0		85.8	77.8-123				
tert-Butylbenzene	12.2		"	10.0		122	75.9-151				
Tetrachloroethylene	9.71		"	10.0		97.1	63.6-167				
Toluene	10.6		"	10.0		106	77-123				
trans-1,2-Dichloroethylene	11.0		"	10.0		110	76.3-139				
trans-1,3-Dichloropropylene	8.48		"	10.0		84.8	72.5-137				
Trichloroethylene	10.1		"	10.0		101	77.9-130				
Trichlorofluoromethane	8.97		"	10.0		89.7	57.4-133				
Vinyl Chloride	7.37		"	10.0		73.7	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>8.97</i>		<i>"</i>	<i>10.0</i>		<i>89.7</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>81.2-127</i>				

LCS Dup (BI21011-BS1)

Prepared & Analyzed: 09/26/2012

1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		10.3	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		8.99	19.7	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	71.3-131		22.5	20.8	Non-dir.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.99		"	10.0		99.9	71.1-129		6.94	21.7	
1,1,2-Trichloroethane	9.92		"	10.0		99.2	74.5-129		20.4	20.3	Non-dir.
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132		7.92	20.6	
1,1-Dichloroethylene	10.8		"	10.0		108	80.2-146		9.86	20	
1,1-Dichloropropylene	10.3		"	10.0		103	75-136		7.89	19.3	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	66.1-136		21.9	21.6	Non-dir.
1,2,3-Trichloropropane	9.53		"	10.0		95.3	63-131		18.7	23.9	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136		17.0	21.7	
1,2,4-Trimethylbenzene	10.9		"	10.0		109	75.3-135		3.17	18.8	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		24.9	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		19.8	23	
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122		10.5	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		14.5	20.2	
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129		11.9	20.7	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	70.6-127		2.01	18.9	
1,3-Dichlorobenzene	10.3		"	10.0		103	77-124		8.51	19.2	
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126		18.8	22.1	
1,4-Dichlorobenzene	10.6		"	10.0		106	76.6-125		10.9	18.6	
2,2-Dichloropropane	10.4		"	10.0		104	69-133		10.7	19.8	
2-Chlorotoluene	10.4		"	10.0		104	66.3-119		4.85	21.6	
2-Hexanone	9.18		"	10.0		91.8	70-130		31.7	30	Non-dir.
4-Chlorotoluene	10.4		"	10.0		104	69.2-127		4.71	19	
Acetone	7.85		"	10.0		78.5	70-130		7.72	30	
Benzene	10.4		"	10.0		104	76.2-129		8.11	19	
Bromobenzene	9.92		"	10.0		99.2	71.3-123		7.86	20.3	
Bromochloromethane	9.65		"	10.0		96.5	70.8-137		17.8	23.9	
Bromodichloromethane	10.4		"	10.0		104	79.7-134		12.9	21	
Bromoform	10.1		"	10.0		101	70.5-141		16.3	21.8	
Bromomethane	7.43		"	10.0		74.3	43.9-147		49.5	28.4	Non-dir.
Carbon tetrachloride	10.7		"	10.0		107	78.1-138		7.98	20.1	
Chlorobenzene	10.7		"	10.0		107	80.4-125		9.61	19.9	
Chloroethane	9.61		"	10.0		96.1	55.8-140		9.60	23.3	
Chloroform	10.1		"	10.0		101	76.6-133		10.1	20.3	
Chloromethane	7.92		"	10.0		79.2	48.8-115		8.97	24.5	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128		10.1	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		14.2	19.9	
Dibromochloromethane	10.5		"	10.0		105	79.8-134		20.3	21.3	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21011 - EPA 5030B

LCS Dup (BI21011-BSD1)

Prepared & Analyzed: 09/26/2012

Dibromomethane	10.5		ug/L	10.0		105	79-130		19.6	22.4	
Dichlorodifluoromethane	5.97		"	10.0		59.7	47.1-101		8.92	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		5.26	19.2	
Hexachlorobutadiene	10.7		"	10.0		107	64.8-128		2.36	20.6	
Isopropylbenzene	11.5		"	10.0		115	75.5-135		0.612	20	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140		12.7	23.6	
Methylene chloride	8.75		"	10.0		87.5	61.3-120		12.6	20.4	
Naphthalene	10.5		"	10.0		105	62.3-148		31.5	27.1	Non-dir.
n-Butylbenzene	11.1		"	10.0		111	67.2-123		3.47	19.1	
n-Propylbenzene	10.6		"	10.0		106	70.5-127		1.04	23.4	
o-Xylene	10.2		"	10.0		102	75.9-122		5.66	19.3	
p- & m- Xylenes	21.8		"	20.0		109	77.7-127		3.59	18.6	
p-Isopropyltoluene	11.1		"	10.0		111	75.6-129		3.11	19.1	
sec-Butylbenzene	10.8		"	10.0		108	71.5-125		1.21	18.9	
Styrene	10.2		"	10.0		102	77.8-123		17.3	20.9	
tert-Butylbenzene	12.6		"	10.0		126	75.9-151		3.39	20.9	
Tetrachloroethylene	10.5		"	10.0		105	63.6-167		7.82	27.7	
Toluene	10.8		"	10.0		108	77-123		1.03	18.7	
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139		4.95	19.5	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137		17.0	19.3	
Trichloroethylene	10.8		"	10.0		108	77.9-130		5.94	20.5	
Trichlorofluoromethane	9.81		"	10.0		98.1	57.4-133		8.95	21.4	
Vinyl Chloride	8.59		"	10.0		85.9	54.9-124		15.3	22.3	
Surrogate: 1,2-Dichloroethane-d4	9.17		"	10.0		91.7	72.6-129				
Surrogate: p-Bromofluorobenzene	10.0		"	10.0		100	63.5-145				
Surrogate: Toluene-d8	10.1		"	10.0		101	81.2-127				

Matrix Spike (BI21011-MS1)

*Source sample: 1210745-15 (MW49B)

Prepared & Analyzed: 09/26/2012

1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0	ND	108	82-138				
1,1,1-Trichloroethane	11.2		"	10.0	ND	112	85.7-133				
1,1,2,2-Tetrachloroethane	9.94		"	10.0	ND	99.4	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0	ND	115	74.8-131				
1,1,2-Trichloroethane	10.3		"	10.0	ND	103	82.5-129				
1,1-Dichloroethane	11.5		"	10.0	ND	115	81.4-137				
1,1-Dichloroethylene	12.2		"	10.0	ND	122	90-138				
1,1-Dichloropropylene	11.0		"	10.0	ND	110	91.7-131				
1,2,3-Trichlorobenzene	9.78		"	10.0	ND	97.8	75.9-130				
1,2,3-Trichloropropane	9.93		"	10.0	ND	99.3	77.1-140				
1,2,4-Trichlorobenzene	9.15		"	10.0	ND	91.5	69.8-135				
1,2,4-Trimethylbenzene	11.3		"	10.0	ND	113	79.4-131				
1,2-Dibromo-3-chloropropane	10.2		"	10.0	ND	102	66.6-143				
1,2-Dibromoethane	10.6		"	10.0	ND	106	79.8-136				
1,2-Dichlorobenzene	9.93		"	10.0	ND	99.3	79.9-130				
1,2-Dichloroethane	10.8		"	10.0	ND	108	85-133				
1,2-Dichloropropane	10.5		"	10.0	ND	105	81.1-132				
1,3,5-Trimethylbenzene	10.2		"	10.0	ND	102	76.1-121				
1,3-Dichlorobenzene	9.50		"	10.0	ND	95.0	79.1-124				
1,3-Dichloropropane	10.2		"	10.0	ND	102	83.3-130				
1,4-Dichlorobenzene	9.77		"	10.0	ND	97.7	79.4-128				
2,2-Dichloropropane	5.26		"	10.0	ND	52.6	54.2-126	Low Bias			
2-Chlorotoluene	10.1		"	10.0	ND	101	60.2-144				
2-Hexanone	9.57		"	10.0	ND	95.7	70-130				
4-Chlorotoluene	10.2		"	10.0	ND	102	79.8-128				
Acetone	10.7		"	10.0	ND	107	70-130				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21011 - EPA 5030B

Matrix Spike (BI21011-MS1)	*Source sample: 12I0745-15 (MW49B)					Prepared & Analyzed: 09/26/2012					
Benzene	10.8		ug/L	10.0	ND	108	74.1-134				
Bromobenzene	9.80		"	10.0	ND	98.0	76.6-125				
Bromochloromethane	10.7		"	10.0	ND	107	85-133				
Bromodichloromethane	11.0		"	10.0	ND	110	80.8-143				
Bromoform	10.0		"	10.0	ND	100	65.8-164				
Bromomethane	7.89		"	10.0	ND	78.9	68.7-112				
Carbon tetrachloride	11.7		"	10.0	ND	117	85.7-138				
Chlorobenzene	10.8		"	10.0	ND	108	79.9-129				
Chloroethane	10.7		"	10.0	ND	107	74.7-127				
Chloroform	10.7		"	10.0	ND	107	50.6-145				
Chloromethane	8.48		"	10.0	ND	84.8	64-111				
cis-1,2-Dichloroethylene	10.9		"	10.0	ND	109	75.5-129				
cis-1,3-Dichloropropylene	9.24		"	10.0	ND	92.4	74.3-128				
Dibromochloromethane	10.6		"	10.0	ND	106	76.8-150				
Dibromomethane	11.1		"	10.0	ND	111	83.3-140				
Dichlorodifluoromethane	8.95		"	10.0	ND	89.5	51-100				
Ethyl Benzene	11.2		"	10.0	ND	112	82.9-127				
Hexachlorobutadiene	9.47		"	10.0	ND	94.7	73-128				
Isopropylbenzene	11.4		"	10.0	ND	114	78.7-131				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0	0.190	103	81.2-134				
Methylene chloride	9.51		"	10.0	1.56	79.5	57.8-103				
Naphthalene	10.4		"	10.0	ND	104	80.1-122				
n-Butylbenzene	8.86		"	10.0	ND	88.6	72.4-120				
n-Propylbenzene	9.97		"	10.0	ND	99.7	74-130				
o-Xylene	10.6		"	10.0	ND	106	78.8-122				
p- & m- Xylenes	22.4		"	20.0	ND	112	82.5-123				
p-Isopropyltoluene	10.6		"	10.0	ND	106	64.9-132				
sec-Butylbenzene	10.4		"	10.0	ND	104	25.4-151				
Styrene	12.0		"	10.0	ND	120	74.1-134				
tert-Butylbenzene	12.0		"	10.0	ND	120	79.5-171				
Tetrachloroethylene	10.9		"	10.0	0.430	104	72.5-130				
Toluene	11.0		"	10.0	ND	110	77.8-121				
trans-1,2-Dichloroethylene	11.5		"	10.0	ND	115	83.8-140				
trans-1,3-Dichloropropylene	8.83		"	10.0	ND	88.3	74.9-136				
Trichloroethylene	11.1		"	10.0	ND	111	84.4-125				
Trichlorofluoromethane	10.8		"	10.0	ND	108	78.7-127				
Vinyl Chloride	9.95		"	10.0	ND	99.5	72.1-116				
Surrogate: 1,2-Dichloroethane-d4	9.57		"	10.0		95.7	72.6-129				
Surrogate: p-Bromofluorobenzene	9.70		"	10.0		97.0	63.5-145				
Surrogate: Toluene-d8	10.2		"	10.0		102	81.2-127				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21011 - EPA 5030B											
Matrix Spike Dup (BI21011-MSD1)	*Source sample: 12I0745-15 (MW49B)						Prepared & Analyzed: 09/26/2012				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0	ND	106	82-138		2.06	21.3	
1,1,1-Trichloroethane	10.7		"	10.0	ND	107	85.7-133		4.03	22.6	
1,1,2,2-Tetrachloroethane	9.92		"	10.0	ND	99.2	78.6-136		0.201	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0	ND	110	74.8-131		4.37	25.6	
1,1,2-Trichloroethane	10.5		"	10.0	ND	105	82.5-129		1.92	19.3	
1,1-Dichloroethane	11.0		"	10.0	ND	110	81.4-137		4.80	20.7	
1,1-Dichloroethylene	11.6		"	10.0	ND	116	90-138		5.38	22.9	
1,1-Dichloropropylene	10.4		"	10.0	ND	104	91.7-131		5.05	24.9	
1,2,3-Trichlorobenzene	9.42		"	10.0	ND	94.2	75.9-130		3.75	21.4	
1,2,3-Trichloropropane	9.72		"	10.0	ND	97.2	77.1-140		2.14	28	
1,2,4-Trichlorobenzene	8.73		"	10.0	ND	87.3	69.8-135		4.70	22.5	
1,2,4-Trimethylbenzene	10.6		"	10.0	ND	106	79.4-131		7.04	33.9	
1,2-Dibromo-3-chloropropane	10.2		"	10.0	ND	102	66.6-143		0.784	23.3	
1,2-Dibromoethane	10.7		"	10.0	ND	107	79.8-136		1.04	19.1	
1,2-Dichlorobenzene	9.40		"	10.0	ND	94.0	79.9-130		5.48	23.2	
1,2-Dichloroethane	10.5		"	10.0	ND	105	85-133		2.73	19.1	
1,2-Dichloropropane	10.2		"	10.0	ND	102	81.1-132		3.38	19.9	
1,3,5-Trimethylbenzene	9.46		"	10.0	ND	94.6	76.1-121		7.43	31.2	
1,3-Dichlorobenzene	8.94		"	10.0	ND	89.4	79.1-124		6.07	22.6	
1,3-Dichloropropane	10.2		"	10.0	ND	102	83.3-130		0.589	20.9	
1,4-Dichlorobenzene	9.35		"	10.0	ND	93.5	79.4-128		4.39	21	
2,2-Dichloropropane	4.84		"	10.0	ND	48.4	54.2-126	Low Bias	8.32	24.5	
2-Chlorotoluene	9.34		"	10.0	ND	93.4	60.2-144		7.72	30.8	
2-Hexanone	9.84		"	10.0	ND	98.4	70-130		2.78	30	
4-Chlorotoluene	9.42		"	10.0	ND	94.2	79.8-128		8.34	23.2	
Acetone	8.24		"	10.0	ND	82.4	70-130		26.2	30	
Benzene	10.4		"	10.0	ND	104	74.1-134		3.49	20.8	
Bromobenzene	9.27		"	10.0	ND	92.7	76.6-125		5.56	23	
Bromochloromethane	10.5		"	10.0	ND	105	85-133		1.88	18.4	
Bromodichloromethane	10.6		"	10.0	ND	106	80.8-143		3.42	18.1	
Bromoform	9.96		"	10.0	ND	99.6	65.8-164		0.401	27.3	
Bromomethane	8.19		"	10.0	ND	81.9	68.7-112		3.73	22.8	
Carbon tetrachloride	11.1		"	10.0	ND	111	85.7-138		5.16	25.1	
Chlorobenzene	10.4		"	10.0	ND	104	79.9-129		4.53	21	
Chloroethane	10.2		"	10.0	ND	102	74.7-127		4.61	23.7	
Chloroform	10.3		"	10.0	ND	103	50.6-145		4.19	21.7	
Chloromethane	8.43		"	10.0	ND	84.3	64-111		0.591	21.4	
cis-1,2-Dichloroethylene	10.3		"	10.0	ND	103	75.5-129		5.09	20.2	
cis-1,3-Dichloropropylene	8.87		"	10.0	ND	88.7	74.3-128		4.09	19.8	
Dibromochloromethane	10.8		"	10.0	ND	108	76.8-150		1.21	20.8	
Dibromomethane	10.6		"	10.0	ND	106	83.3-140		4.61	20.4	
Dichlorodifluoromethane	8.27		"	10.0	ND	82.7	51-100		7.90	27.6	
Ethyl Benzene	10.7		"	10.0	ND	107	82.9-127		4.39	21.4	
Hexachlorobutadiene	8.88		"	10.0	ND	88.8	73-128		6.43	26	
Isopropylbenzene	10.6		"	10.0	ND	106	78.7-131		6.98	26.7	
Methyl tert-butyl ether (MTBE)	10.7		"	10.0	0.190	105	81.2-134		2.02	21.2	
Methylene chloride	9.25		"	10.0	1.56	76.9	57.8-103		3.32	21.2	
Naphthalene	10.3		"	10.0	ND	103	80.1-122		1.06	26.1	
n-Butylbenzene	8.20		"	10.0	ND	82.0	72.4-120		7.74	30.8	
n-Propylbenzene	9.35		"	10.0	ND	93.5	74-130		6.42	31	
o-Xylene	10.2		"	10.0	ND	102	78.8-122		3.85	21	
p- & m- Xylenes	21.4		"	20.0	ND	107	82.5-123		4.56	22.5	
p-Isopropyltoluene	9.83		"	10.0	ND	98.3	64.9-132		7.25	25.2	
sec-Butylbenzene	9.69		"	10.0	ND	96.9	25.4-151		7.07	25.2	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21011 - EPA 5030B

Matrix Spike Dup (BI21011-MSD1)	*Source sample: 12I0745-15 (MW49B)						Prepared & Analyzed: 09/26/2012				
Styrene	11.4		ug/L	10.0	ND	114	74.1-134		4.61	20	
tert-Butylbenzene	10.3		"	10.0	ND	103	79.5-171		14.9	24.8	
Tetrachloroethylene	10.5		"	10.0	0.430	101	72.5-130		3.51	22.7	
Toluene	10.5		"	10.0	ND	105	77.8-121		4.54	21.5	
trans-1,2-Dichloroethylene	10.9		"	10.0	ND	109	83.8-140		5.35	20.1	
trans-1,3-Dichloropropylene	8.67		"	10.0	ND	86.7	74.9-136		1.83	22.5	
Trichloroethylene	10.6		"	10.0	ND	106	84.4-125		4.97	20.7	
Trichlorofluoromethane	10.0		"	10.0	ND	100	78.7-127		7.66	24.7	
Vinyl Chloride	9.34		"	10.0	ND	93.4	72.1-116		6.32	24.9	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.53</i>		<i>"</i>	<i>10.0</i>		<i>95.3</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81.2-127</i>				

Batch BI21094 - EPA 5030B

Blank (BI21094-BLK1)	Prepared & Analyzed: 09/27/2012										
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	2.4	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21094 - EPA 5030B

Blank (BI21094-BLK1)

Prepared & Analyzed: 09/27/2012

cis-1,3-Dichloropropylene	ND	0.50	ug/L
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	1.6	2.0	"
Naphthalene	0.58	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: 1,2-Dichloroethane-d4	9.25	"	10.0	92.5	72.6-129
Surrogate: p-Bromofluorobenzene	9.41	"	10.0	94.1	63.5-145
Surrogate: Toluene-d8	10.2	"	10.0	102	81.2-127



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits			Limit	
Batch BI21094 - EPA 5030B											
LCS (BI21094-BS1)				Prepared & Analyzed: 09/27/2012							
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130				
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137				
1,1,2,2-Tetrachloroethane	9.31		"	10.0		93.1	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129				
1,1,2-Trichloroethane	9.68		"	10.0		96.8	74.5-129				
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132				
1,1-Dichloroethylene	10.9		"	10.0		109	80.2-146				
1,1-Dichloropropylene	10.0		"	10.0		100	75-136				
1,2,3-Trichlorobenzene	9.82		"	10.0		98.2	66.1-136				
1,2,3-Trichloropropane	9.53		"	10.0		95.3	63-131				
1,2,4-Trichlorobenzene	9.18		"	10.0		91.8	70.6-136				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	75.3-135				
1,2-Dibromo-3-chloropropane	9.75		"	10.0		97.5	58.9-140				
1,2-Dibromoethane	9.97		"	10.0		99.7	79-130				
1,2-Dichlorobenzene	9.53		"	10.0		95.3	76.1-122				
1,2-Dichloroethane	9.99		"	10.0		99.9	74.6-132				
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	70.6-127				
1,3-Dichlorobenzene	9.47		"	10.0		94.7	77-124				
1,3-Dichloropropane	9.77		"	10.0		97.7	75.8-126				
1,4-Dichlorobenzene	9.46		"	10.0		94.6	76.6-125				
2,2-Dichloropropane	5.48		"	10.0		54.8	69-133	Low Bias			
2-Chlorotoluene	9.85		"	10.0		98.5	66.3-119				
2-Hexanone	9.34		"	10.0		93.4	70-130				
4-Chlorotoluene	9.60		"	10.0		96.0	69.2-127				
Acetone	9.37		"	10.0		93.7	70-130				
Benzene	10.3		"	10.0		103	76.2-129				
Bromobenzene	9.85		"	10.0		98.5	71.3-123				
Bromochloromethane	9.55		"	10.0		95.5	70.8-137				
Bromodichloromethane	10.4		"	10.0		104	79.7-134				
Bromoform	9.83		"	10.0		98.3	70.5-141				
Bromomethane	5.72		"	10.0		57.2	43.9-147				
Carbon tetrachloride	10.6		"	10.0		106	78.1-138				
Chlorobenzene	10.4		"	10.0		104	80.4-125				
Chloroethane	10.1		"	10.0		101	55.8-140				
Chloroform	10.0		"	10.0		100	76.6-133				
Chloromethane	9.35		"	10.0		93.5	48.8-115				
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128				
cis-1,3-Dichloropropylene	8.88		"	10.0		88.8	74.5-128				
Dibromochloromethane	10.0		"	10.0		100	79.8-134				
Dibromomethane	10.4		"	10.0		104	79-130				
Dichlorodifluoromethane	8.29		"	10.0		82.9	47.1-101				
Ethyl Benzene	10.7		"	10.0		107	80.8-128				
Hexachlorobutadiene	9.21		"	10.0		92.1	64.8-128				
Isopropylbenzene	11.2		"	10.0		112	75.5-135				
Methyl tert-butyl ether (MTBE)	9.96		"	10.0		99.6	65.1-140				
Methylene chloride	8.99		"	10.0		89.9	61.3-120				
Naphthalene	9.84		"	10.0		98.4	62.3-148				
n-Butylbenzene	10.0		"	10.0		100	67.2-123				
n-Propylbenzene	9.98		"	10.0		99.8	70.5-127				
o-Xylene	10.1		"	10.0		101	75.9-122				
p- & m- Xylenes	21.5		"	20.0		108	77.7-127				
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129				
sec-Butylbenzene	10.2		"	10.0		102	71.5-125				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21094 - EPA 5030B

LCS (BI21094-BS1)

Prepared & Analyzed: 09/27/2012

Styrene	10.7		ug/L	10.0		107	77.8-123				
tert-Butylbenzene	11.7		"	10.0		117	75.9-151				
Tetrachloroethylene	9.94		"	10.0		99.4	63.6-167				
Toluene	10.6		"	10.0		106	77-123				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139				
trans-1,3-Dichloropropylene	8.64		"	10.0		86.4	72.5-137				
Trichloroethylene	10.6		"	10.0		106	77.9-130				
Trichlorofluoromethane	10.0		"	10.0		100	57.4-133				
Vinyl Chloride	9.53		"	10.0		95.3	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.44</i>		<i>"</i>	<i>10.0</i>		<i>94.4</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.0</i>		<i>"</i>	<i>10.0</i>		<i>100</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81.2-127</i>				

LCS Dup (BI21094-BS1)

Prepared & Analyzed: 09/27/2012

1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		2.20	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		0.192	19.7	
1,1,2,2-Tetrachloroethane	9.84		"	10.0		98.4	71.3-131		5.54	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	71.1-129		0.992	21.7	
1,1,2-Trichloroethane	9.96		"	10.0		99.6	74.5-129		2.85	20.3	
1,1-Dichloroethane	11.1		"	10.0		111	79.6-132		2.64	20.6	
1,1-Dichloroethylene	10.9		"	10.0		109	80.2-146		0.642	20	
1,1-Dichloropropylene	10.2		"	10.0		102	75-136		1.58	19.3	
1,2,3-Trichlorobenzene	9.74		"	10.0		97.4	66.1-136		0.818	21.6	
1,2,3-Trichloropropane	9.76		"	10.0		97.6	63-131		2.38	23.9	
1,2,4-Trichlorobenzene	9.18		"	10.0		91.8	70.6-136		0.00	21.7	
1,2,4-Trimethylbenzene	10.5		"	10.0		105	75.3-135		2.08	18.8	
1,2-Dibromo-3-chloropropane	9.36		"	10.0		93.6	58.9-140		4.08	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		1.59	23	
1,2-Dichlorobenzene	9.88		"	10.0		98.8	76.1-122		3.61	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		0.897	20.2	
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129		2.87	20.7	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70.6-127		1.34	18.9	
1,3-Dichlorobenzene	9.63		"	10.0		96.3	77-124		1.68	19.2	
1,3-Dichloropropane	9.94		"	10.0		99.4	75.8-126		1.73	22.1	
1,4-Dichlorobenzene	9.87		"	10.0		98.7	76.6-125		4.24	18.6	
2,2-Dichloropropane	5.10		"	10.0		51.0	69-133	Low Bias	7.18	19.8	
2-Chlorotoluene	10.2		"	10.0		102	66.3-119		3.88	21.6	
2-Hexanone	8.75		"	10.0		87.5	70-130		6.52	30	
4-Chlorotoluene	9.98		"	10.0		99.8	69.2-127		3.88	19	
Acetone	9.63		"	10.0		96.3	70-130		2.74	30	
Benzene	10.5		"	10.0		105	76.2-129		1.82	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		3.30	20.3	
Bromochloromethane	9.31		"	10.0		93.1	70.8-137		2.55	23.9	
Bromodichloromethane	10.9		"	10.0		109	79.7-134		5.18	21	
Bromoform	9.84		"	10.0		98.4	70.5-141		0.102	21.8	
Bromomethane	4.38		"	10.0		43.8	43.9-147	Low Bias	26.5	28.4	
Carbon tetrachloride	10.6		"	10.0		106	78.1-138		0.660	20.1	
Chlorobenzene	10.7		"	10.0		107	80.4-125		2.18	19.9	
Chloroethane	10.0		"	10.0		100	55.8-140		0.695	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		1.58	20.3	
Chloromethane	9.22		"	10.0		92.2	48.8-115		1.40	24.5	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128		1.35	20.5	
cis-1,3-Dichloropropylene	9.21		"	10.0		92.1	74.5-128		3.65	19.9	
Dibromochloromethane	10.3		"	10.0		103	79.8-134		2.76	21.3	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21094 - EPA 5030B											
LCS Dup (BI21094-BSD1)						Prepared & Analyzed: 09/27/2012					
Dibromomethane	10.2		ug/L	10.0		102	79-130		1.17	22.4	
Dichlorodifluoromethane	8.38		"	10.0		83.8	47.1-101		1.08	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		2.12	19.2	
Hexachlorobutadiene	9.61		"	10.0		96.1	64.8-128		4.25	20.6	
Isopropylbenzene	11.6		"	10.0		116	75.5-135		3.34	20	
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	65.1-140		11.7	23.6	
Methylene chloride	10.3		"	10.0		103	61.3-120		13.3	20.4	
Naphthalene	9.10		"	10.0		91.0	62.3-148		7.81	27.1	
n-Butylbenzene	10.3		"	10.0		103	67.2-123		2.56	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		2.77	23.4	
o-Xylene	10.4		"	10.0		104	75.9-122		2.92	19.3	
p- & m- Xylenes	22.2		"	20.0		111	77.7-127		3.02	18.6	
p-Isopropyltoluene	10.5		"	10.0		105	75.6-129		2.21	19.1	
sec-Butylbenzene	10.5		"	10.0		105	71.5-125		3.47	18.9	
Styrene	9.94		"	10.0		99.4	77.8-123		7.46	20.9	
tert-Butylbenzene	12.0		"	10.0		120	75.9-151		2.36	20.9	
Tetrachloroethylene	10.1		"	10.0		101	63.6-167		1.20	27.7	
Toluene	11.0		"	10.0		110	77-123		3.78	18.7	
trans-1,2-Dichloroethylene	12.6		"	10.0		126	76.3-139		19.1	19.5	
trans-1,3-Dichloropropylene	8.70		"	10.0		87.0	72.5-137		0.692	19.3	
Trichloroethylene	10.8		"	10.0		108	77.9-130		2.61	20.5	
Trichlorofluoromethane	9.70		"	10.0		97.0	57.4-133		3.54	21.4	
Vinyl Chloride	9.28		"	10.0		92.8	54.9-124		2.66	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.10</i>		<i>"</i>	<i>10.0</i>		<i>91.0</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.4</i>		<i>"</i>	<i>10.0</i>		<i>104</i>	<i>81.2-127</i>				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit								Limit	Flag

Batch BI21106 - EPA 5030B

Blank (BI21106-BLK1)

Prepared: 09/27/2012 Analyzed: 09/28/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	2.4	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	1.6	2.0	"
Naphthalene	0.53	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21106 - EPA 5030B

Blank (BI21106-BLK1)

Prepared: 09/27/2012 Analyzed: 09/28/2012

Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	8.66		"	10.0		86.6	72.6-129				
<i>Surrogate: p-Bromofluorobenzene</i>	9.47		"	10.0		94.7	63.5-145				
<i>Surrogate: Toluene-d8</i>	10.2		"	10.0		102	81.2-127				

LCS (BI21106-BS1)

Prepared & Analyzed: 09/27/2012

1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82.3-130				
1,1,1-Trichloroethane	10.7		"	10.0		107	75.6-137				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129				
1,1,2-Trichloroethane	10.7		"	10.0		107	74.5-129				
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132				
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146				
1,1-Dichloropropylene	10.2		"	10.0		102	75-136				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	66.1-136				
1,2,3-Trichloropropane	10.5		"	10.0		105	63-131				
1,2,4-Trichlorobenzene	9.51		"	10.0		95.1	70.6-136				
1,2,4-Trimethylbenzene	11.3		"	10.0		113	75.3-135				
1,2-Dibromo-3-chloropropane	10.3		"	10.0		103	58.9-140				
1,2-Dibromoethane	10.8		"	10.0		108	79-130				
1,2-Dichlorobenzene	9.89		"	10.0		98.9	76.1-122				
1,2-Dichloroethane	10.9		"	10.0		109	74.6-132				
1,2-Dichloropropane	10.7		"	10.0		107	76.9-129				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	70.6-127				
1,3-Dichlorobenzene	9.56		"	10.0		95.6	77-124				
1,3-Dichloropropane	10.7		"	10.0		107	75.8-126				
1,4-Dichlorobenzene	9.64		"	10.0		96.4	76.6-125				
2,2-Dichloropropane	8.35		"	10.0		83.5	69-133				
2-Chlorotoluene	9.57		"	10.0		95.7	66.3-119				
2-Hexanone	10.5		"	10.0		105	70-130				
4-Chlorotoluene	10.0		"	10.0		100	69.2-127				
Acetone	10.4		"	10.0		104	70-130				
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	10.2		"	10.0		102	71.3-123				
Bromochloromethane	11.2		"	10.0		112	70.8-137				
Bromodichloromethane	11.0		"	10.0		110	79.7-134				
Bromoform	9.97		"	10.0		99.7	70.5-141				
Bromomethane	7.87		"	10.0		78.7	43.9-147				
Carbon tetrachloride	10.6		"	10.0		106	78.1-138				
Chlorobenzene	10.8		"	10.0		108	80.4-125				
Chloroethane	9.90		"	10.0		99.0	55.8-140				
Chloroform	10.4		"	10.0		104	76.6-133				
Chloromethane	8.08		"	10.0		80.8	48.8-115				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	75.1-128				
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21106 - EPA 5030B

LCS (BI21106-BS1)

Prepared & Analyzed: 09/27/2012

Dibromochloromethane	10.8		ug/L	10.0		108	79.8-134				
Dibromomethane	11.2		"	10.0		112	79-130				
Dichlorodifluoromethane	6.85		"	10.0		68.5	47.1-101				
Ethyl Benzene	11.1		"	10.0		111	80.8-128				
Hexachlorobutadiene	9.33		"	10.0		93.3	64.8-128				
Isopropylbenzene	11.2		"	10.0		112	75.5-135				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	65.1-140				
Methylene chloride	9.45		"	10.0		94.5	61.3-120				
Naphthalene	11.0		"	10.0		110	62.3-148				
n-Butylbenzene	10.0		"	10.0		100	67.2-123				
n-Propylbenzene	10.1		"	10.0		101	70.5-127				
o-Xylene	10.5		"	10.0		105	75.9-122				
p- & m- Xylenes	22.1		"	20.0		111	77.7-127				
p-Isopropyltoluene	10.4		"	10.0		104	75.6-129				
sec-Butylbenzene	10.2		"	10.0		102	71.5-125				
Styrene	12.1		"	10.0		121	77.8-123				
tert-Butylbenzene	11.8		"	10.0		118	75.9-151				
Tetrachloroethylene	10.1		"	10.0		101	63.6-167				
Toluene	10.9		"	10.0		109	77-123				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	10.8		"	10.0		108	77.9-130				
Trichlorofluoromethane	9.28		"	10.0		92.8	57.4-133				
Vinyl Chloride	8.70		"	10.0		87.0	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>8.91</i>		<i>"</i>	<i>10.0</i>		<i>89.1</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.62</i>		<i>"</i>	<i>10.0</i>		<i>96.2</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81.2-127</i>				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21106 - EPA 5030B											
LCS Dup (BI21106-BSD1)						Prepared & Analyzed: 09/27/2012					
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82.3-130		4.38	21.1	
1,1,1-Trichloroethane	11.4		"	10.0		114	75.6-137		5.96	19.7	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	71.3-131		3.14	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	71.1-129		10.5	21.7	
1,1,2-Trichloroethane	10.7		"	10.0		107	74.5-129		0.281	20.3	
1,1-Dichloroethane	11.7		"	10.0		117	79.6-132		6.60	20.6	
1,1-Dichloroethylene	12.1		"	10.0		121	80.2-146		6.93	20	
1,1-Dichloropropylene	11.0		"	10.0		110	75-136		7.09	19.3	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	66.1-136		2.15	21.6	
1,2,3-Trichloropropane	10.2		"	10.0		102	63-131		2.89	23.9	
1,2,4-Trichlorobenzene	9.72		"	10.0		97.2	70.6-136		2.18	21.7	
1,2,4-Trimethylbenzene	11.6		"	10.0		116	75.3-135		2.62	18.8	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		1.27	27.7	
1,2-Dibromoethane	11.2		"	10.0		112	79-130		3.28	23	
1,2-Dichlorobenzene	10.1		"	10.0		101	76.1-122		2.10	19.8	
1,2-Dichloroethane	10.8		"	10.0		108	74.6-132		0.0921	20.2	
1,2-Dichloropropane	11.3		"	10.0		113	76.9-129		5.55	20.7	
1,3,5-Trimethylbenzene	11.1		"	10.0		111	70.6-127		3.68	18.9	
1,3-Dichlorobenzene	9.98		"	10.0		99.8	77-124		4.30	19.2	
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126		0.562	22.1	
1,4-Dichlorobenzene	9.88		"	10.0		98.8	76.6-125		2.46	18.6	
2,2-Dichloropropane	8.76		"	10.0		87.6	69-133		4.79	19.8	
2-Chlorotoluene	10.2		"	10.0		102	66.3-119		5.88	21.6	
2-Hexanone	9.85		"	10.0		98.5	70-130		6.39	30	
4-Chlorotoluene	10.4		"	10.0		104	69.2-127		3.81	19	
Acetone	10.3		"	10.0		103	70-130		0.966	30	
Benzene	11.1		"	10.0		111	76.2-129		4.81	19	
Bromobenzene	10.7		"	10.0		107	71.3-123		4.59	20.3	
Bromochloromethane	11.1		"	10.0		111	70.8-137		0.808	23.9	
Bromodichloromethane	11.4		"	10.0		114	79.7-134		2.95	21	
Bromoform	10.4		"	10.0		104	70.5-141		3.74	21.8	
Bromomethane	7.78		"	10.0		77.8	43.9-147		1.15	28.4	
Carbon tetrachloride	11.6		"	10.0		116	78.1-138		8.83	20.1	
Chlorobenzene	11.3		"	10.0		113	80.4-125		4.62	19.9	
Chloroethane	10.4		"	10.0		104	55.8-140		5.02	23.3	
Chloroform	10.9		"	10.0		109	76.6-133		4.70	20.3	
Chloromethane	8.68		"	10.0		86.8	48.8-115		7.16	24.5	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	75.1-128		2.31	20.5	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128		1.99	19.9	
Dibromochloromethane	11.0		"	10.0		110	79.8-134		1.92	21.3	
Dibromomethane	11.5		"	10.0		115	79-130		2.56	22.4	
Dichlorodifluoromethane	7.63		"	10.0		76.3	47.1-101		10.8	23.9	
Ethyl Benzene	11.7		"	10.0		117	80.8-128		4.92	19.2	
Hexachlorobutadiene	10.1		"	10.0		101	64.8-128		8.32	20.6	
Isopropylbenzene	11.9		"	10.0		119	75.5-135		6.49	20	
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	65.1-140		1.12	23.6	
Methylene chloride	9.86		"	10.0		98.6	61.3-120		4.25	20.4	
Naphthalene	10.8		"	10.0		108	62.3-148		2.21	27.1	
n-Butylbenzene	10.6		"	10.0		106	67.2-123		5.61	19.1	
n-Propylbenzene	10.6		"	10.0		106	70.5-127		5.20	23.4	
o-Xylene	11.0		"	10.0		110	75.9-122		4.57	19.3	
p- & m- Xylenes	23.4		"	20.0		117	77.7-127		5.67	18.6	
p-Isopropyltoluene	11.1		"	10.0		111	75.6-129		6.42	19.1	
sec-Butylbenzene	10.9		"	10.0		109	71.5-125		6.61	18.9	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21106 - EPA 5030B

LCS Dup (BI21106-BSD1)

Prepared & Analyzed: 09/27/2012

Styrene	12.2		ug/L	10.0		122	77.8-123		0.247	20.9	
tert-Butylbenzene	12.7		"	10.0		127	75.9-151		6.69	20.9	
Tetrachloroethylene	11.0		"	10.0		110	63.6-167		8.88	27.7	
Toluene	11.5		"	10.0		115	77-123		5.00	18.7	
trans-1,2-Dichloroethylene	11.4		"	10.0		114	76.3-139		6.60	19.5	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137		1.75	19.3	
Trichloroethylene	11.6		"	10.0		116	77.9-130		7.57	20.5	
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133		9.74	21.4	
Vinyl Chloride	9.48		"	10.0		94.8	54.9-124		8.58	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>8.93</i>		<i>"</i>	<i>10.0</i>		<i>89.3</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.70</i>		<i>"</i>	<i>10.0</i>		<i>97.0</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81.2-127</i>				

Batch BI21155 - EPA 5030B

Blank (BI21155-BLK1)

Prepared & Analyzed: 09/28/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	14	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI21155 - EPA 5030B

Blank (BI21155-BLK1)

Prepared & Analyzed: 09/28/2012

cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	8.5	2.0	"								
Naphthalene	0.52	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	9.74		"	10.0		97.4	72.6-129				
Surrogate: p-Bromofluorobenzene	9.66		"	10.0		96.6	63.5-145				
Surrogate: Toluene-d8	10.3		"	10.0		103	81.2-127				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result	Limits	Limit				
Batch BI21155 - EPA 5030B											
LCS (BI21155-BS1)			Prepared & Analyzed: 09/28/2012								
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	10.7		"	10.0		107	75.6-137				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129				
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129				
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132				
1,1-Dichloroethylene	11.1		"	10.0		111	80.2-146				
1,1-Dichloropropylene	10.3		"	10.0		103	75-136				
1,2,3-Trichlorobenzene	9.86		"	10.0		98.6	66.1-136				
1,2,3-Trichloropropane	10.2		"	10.0		102	63-131				
1,2,4-Trichlorobenzene	9.33		"	10.0		93.3	70.6-136				
1,2,4-Trimethylbenzene	11.3		"	10.0		113	75.3-135				
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	58.9-140				
1,2-Dibromoethane	10.9		"	10.0		109	79-130				
1,2-Dichlorobenzene	9.72		"	10.0		97.2	76.1-122				
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132				
1,2-Dichloropropane	10.7		"	10.0		107	76.9-129				
1,3,5-Trimethylbenzene	9.91		"	10.0		99.1	70.6-127				
1,3-Dichlorobenzene	9.31		"	10.0		93.1	77-124				
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126				
1,4-Dichlorobenzene	9.74		"	10.0		97.4	76.6-125				
2,2-Dichloropropane	10.7		"	10.0		107	69-133				
2-Chlorotoluene	9.87		"	10.0		98.7	66.3-119				
2-Hexanone	11.0		"	10.0		110	70-130				
4-Chlorotoluene	9.68		"	10.0		96.8	69.2-127				
Acetone	17.1		"	10.0		171	70-130	High Bias			
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	9.99		"	10.0		99.9	71.3-123				
Bromochloromethane	10.5		"	10.0		105	70.8-137				
Bromodichloromethane	10.9		"	10.0		109	79.7-134				
Bromoform	10.0		"	10.0		100	70.5-141				
Bromomethane	5.95		"	10.0		59.5	43.9-147				
Carbon tetrachloride	10.8		"	10.0		108	78.1-138				
Chlorobenzene	10.6		"	10.0		106	80.4-125				
Chloroethane	10.6		"	10.0		106	55.8-140				
Chloroform	10.3		"	10.0		103	76.6-133				
Chloromethane	9.35		"	10.0		93.5	48.8-115				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128				
cis-1,3-Dichloropropylene	10.7		"	10.0		107	74.5-128				
Dibromochloromethane	10.7		"	10.0		107	79.8-134				
Dibromomethane	11.0		"	10.0		110	79-130				
Dichlorodifluoromethane	8.20		"	10.0		82.0	47.1-101				
Ethyl Benzene	11.1		"	10.0		111	80.8-128				
Hexachlorobutadiene	9.63		"	10.0		96.3	64.8-128				
Isopropylbenzene	11.1		"	10.0		111	75.5-135				
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	65.1-140				
Methylene chloride	12.4		"	10.0		124	61.3-120	High Bias			
Naphthalene	10.5		"	10.0		105	62.3-148				
n-Butylbenzene	10.1		"	10.0		101	67.2-123				
n-Propylbenzene	9.96		"	10.0		99.6	70.5-127				
o-Xylene	10.4		"	10.0		104	75.9-122				
p- & m- Xylenes	22.0		"	20.0		110	77.7-127				
p-Isopropyltoluene	10.4		"	10.0		104	75.6-129				
sec-Butylbenzene	10.3		"	10.0		103	71.5-125				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21155 - EPA 5030B											
LCS (BI21155-BS1)						Prepared & Analyzed: 09/28/2012					
Styrene	12.0		ug/L	10.0		120	77.8-123				
tert-Butylbenzene	11.5		"	10.0		115	75.9-151				
Tetrachloroethylene	10.2		"	10.0		102	63.6-167				
Toluene	10.9		"	10.0		109	77-123				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	76.3-139				
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137				
Trichloroethylene	10.7		"	10.0		107	77.9-130				
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133				
Vinyl Chloride	9.91		"	10.0		99.1	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.96</i>		<i>"</i>	<i>10.0</i>		<i>99.6</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.70</i>		<i>"</i>	<i>10.0</i>		<i>97.0</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>81.2-127</i>				
LCS Dup (BI21155-BSD1)						Prepared & Analyzed: 09/28/2012					
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		0.189	21.1	
1,1,1-Trichloroethane	10.5		"	10.0		105	75.6-137		2.17	19.7	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	71.3-131		2.17	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	71.1-129		1.66	21.7	
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129		3.58	20.3	
1,1-Dichloroethane	11.0		"	10.0		110	79.6-132		0.544	20.6	
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146		1.43	20	
1,1-Dichloropropylene	10.2		"	10.0		102	75-136		1.17	19.3	
1,2,3-Trichlorobenzene	9.81		"	10.0		98.1	66.1-136		0.508	21.6	
1,2,3-Trichloropropane	9.95		"	10.0		99.5	63-131		2.48	23.9	
1,2,4-Trichlorobenzene	9.50		"	10.0		95.0	70.6-136		1.81	21.7	
1,2,4-Trimethylbenzene	11.5		"	10.0		115	75.3-135		1.93	18.8	
1,2-Dibromo-3-chloropropane	9.77		"	10.0		97.7	58.9-140		3.42	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		3.94	23	
1,2-Dichlorobenzene	9.73		"	10.0		97.3	76.1-122		0.103	19.8	
1,2-Dichloroethane	10.4		"	10.0		104	74.6-132		2.47	20.2	
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129		0.753	20.7	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	70.6-127		3.96	18.9	
1,3-Dichlorobenzene	9.65		"	10.0		96.5	77-124		3.59	19.2	
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126		2.48	22.1	
1,4-Dichlorobenzene	9.84		"	10.0		98.4	76.6-125		1.02	18.6	
2,2-Dichloropropane	10.4		"	10.0		104	69-133		2.27	19.8	
2-Chlorotoluene	10.4		"	10.0		104	66.3-119		4.84	21.6	
2-Hexanone	10.1		"	10.0		101	70-130		8.37	30	
4-Chlorotoluene	10.4		"	10.0		104	69.2-127		7.17	19	
Acetone	17.2		"	10.0		172	70-130	High Bias	0.699	30	
Benzene	10.4		"	10.0		104	76.2-129		1.71	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		1.69	20.3	
Bromochloromethane	10.9		"	10.0		109	70.8-137		3.46	23.9	
Bromodichloromethane	10.7		"	10.0		107	79.7-134		2.04	21	
Bromoform	9.98		"	10.0		99.8	70.5-141		0.300	21.8	
Bromomethane	6.77		"	10.0		67.7	43.9-147		12.9	28.4	
Carbon tetrachloride	10.7		"	10.0		107	78.1-138		0.558	20.1	
Chlorobenzene	10.6		"	10.0		106	80.4-125		0.282	19.9	
Chloroethane	10.4		"	10.0		104	55.8-140		1.05	23.3	
Chloroform	10.4		"	10.0		104	76.6-133		1.26	20.3	
Chloromethane	9.06		"	10.0		90.6	48.8-115		3.15	24.5	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128		2.12	20.5	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	74.5-128		0.186	19.9	
Dibromochloromethane	10.4		"	10.0		104	79.8-134		2.84	21.3	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI21155 - EPA 5030B											
LCS Dup (BI21155-BS01)						Prepared & Analyzed: 09/28/2012					
Dibromomethane	10.8		ug/L	10.0		108	79-130		1.83	22.4	
Dichlorodifluoromethane	7.98		"	10.0		79.8	47.1-101		2.72	23.9	
Ethyl Benzene	11.1		"	10.0		111	80.8-128		0.0903	19.2	
Hexachlorobutadiene	9.73		"	10.0		97.3	64.8-128		1.03	20.6	
Isopropylbenzene	11.5		"	10.0		115	75.5-135		2.92	20	
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	65.1-140		2.79	23.6	
Methylene chloride	12.0		"	10.0		120	61.3-120		2.87	20.4	
Naphthalene	10.4		"	10.0		104	62.3-148		1.44	27.1	
n-Butylbenzene	10.4		"	10.0		104	67.2-123		2.73	19.1	
n-Propylbenzene	10.2		"	10.0		102	70.5-127		2.38	23.4	
o-Xylene	10.3		"	10.0		103	75.9-122		0.386	19.3	
p- & m- Xylenes	22.3		"	20.0		111	77.7-127		0.993	18.6	
p-Isopropyltoluene	10.8		"	10.0		108	75.6-129		3.60	19.1	
sec-Butylbenzene	10.5		"	10.0		105	71.5-125		2.31	18.9	
Styrene	11.9		"	10.0		119	77.8-123		0.753	20.9	
tert-Butylbenzene	12.0		"	10.0		120	75.9-151		3.66	20.9	
Tetrachloroethylene	10.3		"	10.0		103	63.6-167		0.683	27.7	
Toluene	10.8		"	10.0		108	77-123		0.644	18.7	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	76.3-139		1.38	19.5	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137		2.69	19.3	
Trichloroethylene	10.9		"	10.0		109	77.9-130		1.94	20.5	
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133		0.293	21.4	
Vinyl Chloride	9.77		"	10.0		97.7	54.9-124		1.42	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.04</i>		<i>"</i>	<i>10.0</i>		<i>90.4</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.85</i>		<i>"</i>	<i>10.0</i>		<i>98.5</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>81.2-127</i>				



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No. 1210745

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type			
Company: L.B.G. Inc.	☒ SAME	☒ SAME	☒ SAME	Name:		Rowe Industries		RUSH-Same Day		Summary Report X, pdf			
Address: 4 Research Drive, Suite 301	Name:	Name:		Company:		Purchase Order #		RUSH-Next Day		QA Report X, pdf			
Phone: 203-929-9655	Company:	Company:		Address:		NABSAG.004.07		RUSH-Two Day		CT RCP			
Contact: Tunde Komuves-Sandor	E-mail:	E-mail:		E-mail:		Samples from CT NY X NJ		RUSH-Three Day		CT RCP DQ/DUE Pkg			
E-mail: tsandor@lbg.com	Volatiles		Semi-Vols.		Metals		Misc. Org.		Full Lists		NY ASP A Package X, pdf		
8260 full		TICs		RCRA8		TPH GRO		TPH GRO		Full Poll.		NY ASP B Package X, pdf	
624		Site Spec.		STARS list		PP13 list		TPH DRO		TCL Orgs		NJDEP Reduced Deliv	
STARS list		Nassau Co.		BN Only		8151 Herb		CT ETPH		TAL MacCN		Excel	
BTEX		Suffolk Co.		PAH list		CT RCP		NY 310-13		Full TCLP		NYSDEC EQUIS	
MTBE		Ketones		TAGM list		App. IX		TPH 1664		Full App. IX		NJDEP SRP HazSite	
TCL list		Oxygenates		CT RCP list		Site Spec.		Air TO14A		Per360 Probe		EQUIS	
TAGM list		TCLP list		TCL list		TCLP list		Air TO15		Per360 Baseline		GIS/KEY (std)	
CT RCP list		524.2		NIDEF list		TCLP Herb		Air STARS		Per360 Baseline		YORK Regulatory Comp Excel	
Arom. only		502.2		NIDEF list		TCLP BNA		Air VPH		Per360 Baseline		compared to:	
Halog. only		NIDEF list		App. IX		Chloride		Air TICs		Per360 Baseline		OTHER:	
App. IX list		SFP or TCLP		TCLP BNA		608 Pest		Methane		Per360 Baseline			
8021B list		SFP or TCLP		SFP or TCLP		608 PCB		Helium		Per360 Baseline			

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Matrix Codes
S - soil
Other - specify (oi, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)

Stephen Hunt
Name (printed)

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW42B	9/26/12 1756	GW	VOCs 8260 full list	2, 40-ml VOAs
MW43A	9/18/12 14:21	GW	VOCs 8260 full list	2, 40-ml VOAs
MW43B	9/18/12 1551	GW	VOCs 8260 full list	2, 40-ml VOAs
MW43C	9/18/12 1630	GW	VOCs 8260 full list	2, 40-ml VOAs
MW44A	9/18/12 1902	GW	VOCs 8260 full list	2, 40-ml VOAs
MW44B	9/18/12 1741	GW	VOCs 8260 full list	2, 40-ml VOAs
MW44C	9/18/12 1739	GW	VOCs 8260 full list	2, 40-ml VOAs
MW45A	9/21/12 952	GW	VOCs 8260 full list	2, 40-ml VOAs
MW45B	9/20/12 1615	GW	VOCs 8260 full list	2, 40-ml VOAs

Comments:

Preservation (check all applicable)

4°C _____ Frozen _____ HCl _____ MeOH _____ HNO₃ _____ H₂SO₄ _____ NaOH _____

ZnAc _____ Ascorbic Acid _____ Other _____

Special Instructions
Field Filtered ☐
Lab to Filter ☐Samples Relinquished By Emily O'Brien Date/Time 9/21/12 16:35
Samples Relinquished By _____ Date/Time _____Samples Received By _____ Date/Time 9/21/12-1630
Samples Received in LAB by _____ Date/Time _____
Temperature on Receipt 3.2 °C

YORK

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120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No. 12 I 0745

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: L.B.G. Inc.	SAME ☒	SAME ☒		SAME ☒		Rowe Industries		RUSH-Same Day		Summary Report	X, pdf
Address: 4 Research Drive, Suite 301	Name:	Name:		Name:				RUSH-Next Day		QA Report	X, pdf
Shelton CT, 06484	Company:	Company:		Company:		Purchase Order #		RUSH-Two Day		CT RCP	
Phone: 203-929-8556	Address:	Address:		Address:				RUSH-Three Day		CT RCP DQADUE Pkg	
Contact: Tunde Komuves-Sandor						NABSAG.004.07		RUSH-Four Day		NY ASP A Package	
E-mail: Tsandor@lbgct.com	E-mail:	E-mail:		E-mail:		Samples from CT NY X NJ		Standard (5-7day)	X	NY ASP B Package	X, pdf

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)
Stephen Hunt

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW46A	9/20/12 1415	GW	VOCs 8260 full list	2, 40-ml VOAs
MW46B	9/20/12 1435	GW	VOCs 8260 full list	2, 40-ml VOAs
MW47B	9/20/12 1510	GW	VOCs 8260 full list	2, 40-ml VOAs
MW49B	9/21/12 852	GW	VOCs 8260 full list	2, 40-ml VOAs
MW49A	9/19/12 1442	GW	VOCs 8260 full list	2, 40-ml VOAs
MW49B	9/19/12 1407	GW	VOCs 8260 full list	2, 40-ml VOAs
MW49BMS	9/19/12 1407	GW	VOCs 8260 full list	2, 40-ml VOAs
MW49BMSD	9/19/12 1407	GW	VOCs 8260 full list	2, 40-ml VOAs
MW49C	9/19/12 1327	GW	VOCs 8260 full list	2, 40-ml VOAs
Comments: Preservation (check all applicable) 4°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ H ₂ O ₂ _____ NaOH _____ (check all applicable) ZnAc _____ Ascorbic Acid _____ Other _____				

Special Instructions Field Filtered ☐ Lab to Filter ☐	Samples Relinquished By <u>Emily Quinn</u> Date/Time <u>9/21/12 16:35</u> Samples Relinquished By _____ Date/Time _____	Samples Received By <u>[Signature]</u> Date/Time <u>9/21/12-1630</u> Samples Received in LAB by _____ Date/Time _____	Temperature on Receipt <u>3.2</u> °C

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0165

Field Chain-of-Custody Record

Page 3 of 6

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York Project No. 12 I 0745

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: L.B.G. Inc.	☒ SAME	☒ SAME		Name:		Rowe Industries		RUSH-Same Day		Summary Report X, pdf	
Address: 4 Research Drive, Suite 301				Company:				RUSH-Next Day		QA Report X, pdf	
Phone: 203-929-8555				Address:				RUSH-Two Day		CT RCP	
Contact: Tunde Komuves-Sander				E-mail:		NABSAG.004.07		RUSH-Three Day		CT RCP DQA/DUE Pkg	
E-mail: tsander@lbgci.com						Samples from CT_NY_X_NJ		RUSH-Four Day		NY ASP A Package	
								Standard (5-7day)		NY ASP B Package X, pdf	
										NJDEP Reduced Deliv	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Matrix Codes
S - soil
Other - specify (oil, etc)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW50A	9/19/12 940	GW	VOCs 8260 full list	2, 40-ml VOAs
MW50B	9/19/12 1006	GW	VOCs 8260 full list	2, 40-ml VOAs
MW50C	9/19/12 1030	GW	VOCs 8260 full list	2, 40-ml VOAs
MW52A	9/20/12 1825	GW	VOCs 8260 full list	2, 40-ml VOAs
MW53	9/20/12 1619	GW	VOCs 8260 full list	2, 40-ml VOAs
MW53MS	9/20/12 1619	GW	VOCs 8260 full list	2, 40-ml VOAs
MW53ASD	9/20/12 1619	GW	VOCs 8260 full list	2, 40-ml VOAs
MW54	9/20/12 1702	GW	VOCs 8260 full list	2, 40-ml VOAs
MW55	9/20/12 1659	GW	VOCs 8260 full list	2, 40-ml VOAs

Comments:

Preservation
(check all applicable)

4°C _____ Frozen _____

HCl _____

ZnAc _____

MeOH _____

Ascorbic Acid _____

HNO₃ _____H₂O₂ _____

Other _____

NaOH _____

Special Instructions

Field Filtered ☐Lab to Filter ☐

Samples Relinquished By

Date/Time

Samples Received By

Date/Time

Temperature on Receipt

3.2 °C

Field Chain-of-Custody Record

ANALYTICAL LABORATORIES, INC.

20 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.

York Project No. 12 I 0745

[illegible]

YORK

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(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page 5 of 6

York Project No. 1210745

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YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: L.B.G. Inc.	SAME ☒	SAME ☒		Rowe Industries				RUSH-Same Day		Summary Report	X, pdf
Address: 4 Research Drive, Suite 301	Name:	Name:						RUSH-Next Day		QA Report	X, pdf
Phone: 203-928-8556	Company: Shelton CT, 06484	Company:		Purchase Order #				RUSH-Two Day		CT RCP	
Contact: Tunde Komuves-Sandor	Address:	Address:		NABSAG.004.07				RUSH-Three Day		CT RCP DQA/DUE Pkg	
E-mail: tsandor@lbgci.com	E-mail:	E-mail:		Samples from CT_NY_X_NJ_				RUSH-Four Day		NY ASP A Package	
										NY ASP B Package	X, pdf
										NJDEP Reduced Deliv	
										Excel	X
										NYSDEC EQUIS	
										NJDEP SRP HazSite	
										EQUIS	
										GIS/KEY (std)	
										YORK Regulatory Comp Excel	
										compared to:	
										OTHER:	

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
N-17	9/21/12 932	GW	VOCs 8260 full list	2, 40-ml VOAs
N-32	9/20/12 1735	GW	VOCs 8260 full list	2, 40-ml VOAs
N-1A	9/19/12 1551	GW	VOCs 8260 full list	2, 40-ml VOAs
N-1B	9/19/12 1738	GW	VOCs 8260 full list	2, 40-ml VOAs
N-2A	9/19/12 1145	GW	VOCs 8260 full list	2, 40-ml VOAs
N-2B	9/19/12 1222	GW	VOCs 8260 full list	2, 40-ml VOAs
MWB1	9/21/12 1045	GW	VOCs 8260 full list	2, 40-ml VOAs
MWB2	9/21/12 958	GW	VOCs 8260 full list	2, 40-ml VOAs
MWB3	9/21/12 1150	GW	VOCs 8260 full list	2, 40-ml VOAs

Comments:	Preservation (check all applicable)	Special Instructions	Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
	4°C ☐ Frozen ☐ HCl ☐ MeOH ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ Other ☐	Field Filtered ☐ Lab to Filter ☐	Emily Quinn	9/21/12 1635	J. Hall	9/21/12-1630	3.2 °C
			Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAIS
Name (printed)

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0165

Field Chain-of-Custody Record

Page 6 of 6

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Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office

4 Research Drive, Suite 301

Shelton CT, 06484

Attention: Tunde Sandor

Report Date: 09/27/2012

Client Project ID: Rowe Industries

York Project (SDG) No.: 12I0757

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 09/27/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12I0757

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 21, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12I0757-01	N-37	Water	09/20/2012	09/21/2012
12I0757-02	N-38	Water	09/20/2012	09/21/2012
12I0757-03	N-39	Water	09/20/2012	09/21/2012

General Notes for York Project (SDG) No.: 12I0757

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Date: 09/27/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director





Sample Information

Client Sample ID: N-37

York Sample ID: 1210757-01

York Project (SDG) No.
1210757

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 4:45 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
67-64-1	Acetone	16	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS



Sample Information

Client Sample ID: N-37

York Sample ID: 1210757-01

York Project (SDG) No.
1210757

Client Project ID
Rowe Industries

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Collection Date/Time
September 20, 2012 4:45 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
75-09-2	Methylene chloride	1.6	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
75-01-4	Vinyl Chloride	0.12	J	ug/L	0.062	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:09	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	95.7 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								



Sample Information

Client Sample ID: N-37

York Sample ID: 1210757-01

York Project (SDG) No.
1210757

Client Project ID
Rowe Industries

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Water

Collection Date/Time
September 20, 2012 4:45 pm

Date Received
09/21/2012

Sample Information

Client Sample ID: N-38

York Sample ID: 1210757-02

York Project (SDG) No.
1210757

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 11:45 am

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
67-64-1	Acetone	3.9	B	ug/L	0.90	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS



Sample Information

Client Sample ID: N-38

York Sample ID: 1210757-02

York Project (SDG) No.
1210757

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 11:45 am

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS



Sample Information

Client Sample ID: N-38

York Sample ID: 1210757-02

York Project (SDG) No.
1210757

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 11:45 am

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 06:43	SS
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %		72.6-129							
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %		63.5-145							
2037-26-5	Surrogate: Toluene-d8	100 %		81.2-127							

Sample Information

Client Sample ID: N-39

York Sample ID: 1210757-03

York Project (SDG) No.
1210757

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 12:35 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
75-34-3	1,1-Dichloroethane	0.12	J	ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS



Sample Information

Client Sample ID: N-39

York Sample ID: 1210757-03

York Project (SDG) No.
1210757

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 12:35 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
156-59-2	cis-1,2-Dichloroethylene	0.13	J	ug/L	0.069	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
75-09-2	Methylene chloride	1.5	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS



Sample Information

Client Sample ID: N-39

York Sample ID: 1210757-03

York Project (SDG) No.
1210757

Client Project ID
Rowe Industries

Matrix
Water

Collection Date/Time
September 20, 2012 12:35 pm

Date Received
09/21/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	09/25/2012 16:55	09/26/2012 07:17	SS
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	72.6-129								
460-00-4	Surrogate: p-Bromofluorobenzene	94.1 %	63.5-145								
2037-26-5	Surrogate: Toluene-d8	100 %	81.2-127								



Analytical Batch Summary

Batch ID: BI20979

Preparation Method: EPA 5030B

Prepared By: AY

YORK Sample ID	Client Sample ID	Preparation Date
12I0757-01	N-37	09/25/12
12I0757-02	N-38	09/25/12
12I0757-03	N-39	09/25/12
BI20979-BLK1	Blank	09/26/12
BI20979-BS1	LCS	09/25/12
BI20979-BSD1	LCS Dup	09/25/12



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20979 - EPA 5030B

Blank (BI20979-BLK1)

Prepared & Analyzed: 09/26/2012

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,1-Dichloropropylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	2.0	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	2.0	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	2.0	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,3-Dichloropropane	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
2,2-Dichloropropane	ND	0.50	"
2-Chlorotoluene	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Chlorotoluene	ND	0.50	"
Acetone	2.0	2.0	"
Benzene	ND	0.50	"
Bromobenzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methylene chloride	1.5	2.0	"
Naphthalene	0.54	2.0	"
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20979 - EPA 5030B

Blank (BI20979-BLK1)

Prepared & Analyzed: 09/26/2012

Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.49</i>		<i>"</i>	<i>10.0</i>		<i>94.9</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.48</i>		<i>"</i>	<i>10.0</i>		<i>94.8</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>10.1</i>		<i>"</i>	<i>10.0</i>		<i>101</i>	<i>81.2-127</i>				

LCS (BI20979-BS1)

Prepared & Analyzed: 09/25/2012

1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130				
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137				
1,1,2,2-Tetrachloroethane	9.96		"	10.0		99.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129				
1,1,2-Trichloroethane	9.92		"	10.0		99.2	74.5-129				
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132				
1,1-Dichloroethylene	11.0		"	10.0		110	80.2-146				
1,1-Dichloropropylene	10.3		"	10.0		103	75-136				
1,2,3-Trichlorobenzene	9.87		"	10.0		98.7	66.1-136				
1,2,3-Trichloropropane	9.64		"	10.0		96.4	63-131				
1,2,4-Trichlorobenzene	9.58		"	10.0		95.8	70.6-136				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	75.3-135				
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	58.9-140				
1,2-Dibromoethane	10.3		"	10.0		103	79-130				
1,2-Dichlorobenzene	9.77		"	10.0		97.7	76.1-122				
1,2-Dichloroethane	10.5		"	10.0		105	74.6-132				
1,2-Dichloropropane	9.88		"	10.0		98.8	76.9-129				
1,3,5-Trimethylbenzene	9.72		"	10.0		97.2	70.6-127				
1,3-Dichlorobenzene	9.43		"	10.0		94.3	77-124				
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126				
1,4-Dichlorobenzene	9.53		"	10.0		95.3	76.6-125				
2,2-Dichloropropane	9.07		"	10.0		90.7	69-133				
2-Chlorotoluene	9.33		"	10.0		93.3	66.3-119				
2-Hexanone	9.74		"	10.0		97.4	70-130				
4-Chlorotoluene	9.58		"	10.0		95.8	69.2-127				
Acetone	10.0		"	10.0		100	70-130				
Benzene	10.3		"	10.0		103	76.2-129				
Bromobenzene	9.44		"	10.0		94.4	71.3-123				
Bromochloromethane	10.1		"	10.0		101	70.8-137				
Bromodichloromethane	10.3		"	10.0		103	79.7-134				
Bromoform	10.3		"	10.0		103	70.5-141				
Bromomethane	10.8		"	10.0		108	43.9-147				
Carbon tetrachloride	10.6		"	10.0		106	78.1-138				
Chlorobenzene	10.2		"	10.0		102	80.4-125				
Chloroethane	10.1		"	10.0		101	55.8-140				
Chloroform	10.2		"	10.0		102	76.6-133				
Chloromethane	9.24		"	10.0		92.4	48.8-115				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128				
cis-1,3-Dichloropropylene	9.95		"	10.0		99.5	74.5-128				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI20979 - EPA 5030B											
LCS (BI20979-BS1)						Prepared & Analyzed: 09/25/2012					
Dibromochloromethane	10.4		ug/L	10.0		104	79.8-134				
Dibromomethane	10.5		"	10.0		105	79-130				
Dichlorodifluoromethane	8.20		"	10.0		82.0	47.1-101				
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	9.42		"	10.0		94.2	64.8-128				
Isopropylbenzene	10.6		"	10.0		106	75.5-135				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	65.1-140				
Methylene chloride	8.98		"	10.0		89.8	61.3-120				
Naphthalene	10.2		"	10.0		102	62.3-148				
n-Butylbenzene	9.96		"	10.0		99.6	67.2-123				
n-Propylbenzene	9.36		"	10.0		93.6	70.5-127				
o-Xylene	9.68		"	10.0		96.8	75.9-122				
p- & m- Xylenes	20.7		"	20.0		104	77.7-127				
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129				
sec-Butylbenzene	9.75		"	10.0		97.5	71.5-125				
Styrene	10.4		"	10.0		104	77.8-123				
tert-Butylbenzene	11.1		"	10.0		111	75.9-151				
Tetrachloroethylene	9.95		"	10.0		99.5	63.6-167				
Toluene	9.98		"	10.0		99.8	77-123				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	76.3-139				
trans-1,3-Dichloropropylene	9.91		"	10.0		99.1	72.5-137				
Trichloroethylene	10.0		"	10.0		100	77.9-130				
Trichlorofluoromethane	10.0		"	10.0		100	57.4-133				
Vinyl Chloride	9.92		"	10.0		99.2	54.9-124				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.92</i>		<i>"</i>	<i>10.0</i>		<i>99.2</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.90</i>		<i>"</i>	<i>10.0</i>		<i>99.0</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.91</i>		<i>"</i>	<i>10.0</i>		<i>99.1</i>	<i>81.2-127</i>				



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD		
		Limit		Level	Result		Limits		RPD	Limit	Flag
Batch BI20979 - EPA 5030B											
LCS Dup (BI20979-BSD1)											
Prepared & Analyzed: 09/25/2012											
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130		4.61	21.1	
1,1,1-Trichloroethane	10.5		"	10.0		105	75.6-137		1.82	19.7	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	71.3-131		2.28	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129		0.583	21.7	
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129		4.15	20.3	
1,1-Dichloroethane	10.9		"	10.0		109	79.6-132		1.75	20.6	
1,1-Dichloroethylene	11.3		"	10.0		113	80.2-146		2.61	20	
1,1-Dichloropropylene	10.3		"	10.0		103	75-136		0.00	19.3	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	66.1-136		5.04	21.6	
1,2,3-Trichloropropane	9.97		"	10.0		99.7	63-131		3.37	23.9	
1,2,4-Trichlorobenzene	9.81		"	10.0		98.1	70.6-136		2.37	21.7	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	75.3-135		6.32	18.8	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		1.18	27.7	
1,2-Dibromoethane	10.7		"	10.0		107	79-130		3.92	23	
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122		4.31	19.8	
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132		2.36	20.2	
1,2-Dichloropropane	10.5		"	10.0		105	76.9-129		6.27	20.7	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70.6-127		4.82	18.9	
1,3-Dichlorobenzene	9.91		"	10.0		99.1	77-124		4.96	19.2	
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126		3.54	22.1	
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125		4.91	18.6	
2,2-Dichloropropane	9.26		"	10.0		92.6	69-133		2.07	19.8	
2-Chlorotoluene	10.0		"	10.0		100	66.3-119		6.93	21.6	
2-Hexanone	10.0		"	10.0		100	70-130		2.63	30	
4-Chlorotoluene	9.75		"	10.0		97.5	69.2-127		1.76	19	
Acetone	9.27		"	10.0		92.7	70-130		7.88	30	
Benzene	10.7		"	10.0		107	76.2-129		3.62	19	
Bromobenzene	10.2		"	10.0		102	71.3-123		7.45	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		0.494	23.9	
Bromodichloromethane	10.8		"	10.0		108	79.7-134		4.84	21	
Bromoform	10.7		"	10.0		107	70.5-141		4.19	21.8	
Bromomethane	10.8		"	10.0		108	43.9-147		0.463	28.4	
Carbon tetrachloride	10.8		"	10.0		108	78.1-138		1.95	20.1	
Chlorobenzene	10.8		"	10.0		108	80.4-125		6.00	19.9	
Chloroethane	10.4		"	10.0		104	55.8-140		3.41	23.3	
Chloroform	10.4		"	10.0		104	76.6-133		2.72	20.3	
Chloromethane	9.45		"	10.0		94.5	48.8-115		2.25	24.5	
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128		1.15	20.5	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	74.5-128		6.04	19.9	
Dibromochloromethane	11.0		"	10.0		110	79.8-134		6.36	21.3	
Dibromomethane	11.1		"	10.0		111	79-130		5.84	22.4	
Dichlorodifluoromethane	8.31		"	10.0		83.1	47.1-101		1.33	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		4.13	19.2	
Hexachlorobutadiene	10.0		"	10.0		100	64.8-128		5.97	20.6	
Isopropylbenzene	11.4		"	10.0		114	75.5-135		7.02	20	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	65.1-140		0.277	23.6	
Methylene chloride	9.16		"	10.0		91.6	61.3-120		1.98	20.4	
Naphthalene	10.4		"	10.0		104	62.3-148		2.04	27.1	
n-Butylbenzene	10.4		"	10.0		104	67.2-123		3.84	19.1	
n-Propylbenzene	9.95		"	10.0		99.5	70.5-127		6.11	23.4	
o-Xylene	10.3		"	10.0		103	75.9-122		6.50	19.3	
p- & m- Xylenes	21.8		"	20.0		109	77.7-127		5.22	18.6	
p-Isopropyltoluene	10.5		"	10.0		105	75.6-129		3.87	19.1	
sec-Butylbenzene	10.4		"	10.0		104	71.5-125		6.07	18.9	



Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BI20979 - EPA 5030B

LCS Dup (BI20979-BSD1)

Prepared & Analyzed: 09/25/2012

Styrene	10.6		ug/L	10.0		106	77.8-123		2.76	20.9	
tert-Butylbenzene	11.9		"	10.0		119	75.9-151		7.11	20.9	
Tetrachloroethylene	10.6		"	10.0		106	63.6-167		6.80	27.7	
Toluene	10.9		"	10.0		109	77-123		8.54	18.7	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139		3.32	19.5	
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137		4.54	19.3	
Trichloroethylene	10.8		"	10.0		108	77.9-130		7.19	20.5	
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133		1.68	21.4	
Vinyl Chloride	10.1		"	10.0		101	54.9-124		1.40	22.3	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>	<i>72.6-129</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.82</i>		<i>"</i>	<i>10.0</i>		<i>98.2</i>	<i>63.5-145</i>				
<i>Surrogate: Toluene-d8</i>	<i>9.95</i>		<i>"</i>	<i>10.0</i>		<i>99.5</i>	<i>81.2-127</i>				



Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

YORK

ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. **1210757**

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: L.B.G. Inc.	SAME ☒	SAME ☒	Name: _____	Volatiles	Matrix	Metals	Misc. Org.	Full Lists	Summary Report	X, pdf	
Address: 4 Research Drive, Suite 301	Name: _____	Company: _____	Address: _____	8260 full list	Site Spec.	RCRA8	TPH GRO	PHI Poll.	QA Report	X, pdf	
Phone: 203-929-8555	Company: _____	Address: _____	Address: _____	STARs list	Nissan Co.	STARs list	EP13 list	TCL Ogens	CT RCP		
Contact: Tunde Komuves-Sandor	Address: _____	Address: _____	Address: _____	BTEX	Suffolk Co.	BN Only	TAL	TAL/MeCN	CT RCP DOA/DUE Pkg		
E-mail: Tsandor@lbgd.com	E-mail: _____	E-mail: _____	E-mail: _____	MTBE	Kelco	PAH list	CT RCP	Full TCLP	NY ASP A Package		
				TCL list	Oxygens	TA GM list	App. IX	Full App. IX	NY ASP B Package	X, pdf	
				TA GM list	TCPL list	CT RCP list	Site Spec.	Per 300-Base	NYDEP Reduced Deliv		
				CT RCP list	524.2	TCPL list	TCPL Herb	Per 300-Base	Excel	X	
				Arom. only	502.2	NIDEP list	TCPL Herb	Per 300-Base	NYSDEC EQUIS		
				Halog. only	NIDEP list	App. IX	Chlordane	Per 300-Base	NYDEP SRP HazSite		
				App. IX list	SELP-TCPL	TCPL BNA	608 Post	Per 300-Base	EQUIS		
				8021B list	SELP-TCPL	608 PCB	LIST Below	Per 300-Base	GISKEY (std)		
				Matrix Codes					YORK Regulatory Comp Excel		
				S - soil					compared to:		
				Other - specify (oil, etc.)					OTHER:		
				WW - wastewater							
				GW - groundwater							
				DW - drinking water							
				Air - ambient air							
				Air - SV - soil vapor							

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)
Stephen Hunt

Sample Identification	Date/Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
N-37	9/20/12 1645	GW	VOCs 8260 full list	2, 40-ml VOAS
N-38	1145	GW	VOCs 8260 full list	2, 40-ml VOAS
N-39	1735	GW	VOCs 8260 full list	2, 40-ml VOAS
		GW	VOCs 8260 full list	2, 40-ml VOAS
		GW	VOCs 8260 full list	2, 40-ml VOAS
		GW	VOCs 8260 full list	2, 40-ml VOAS
		GW	VOCs 8260 full list	2, 40-ml VOAS
		GW	VOCs 8260 full list	2, 40-ml VOAS
		GW	VOCs 8260 full list	2, 40-ml VOAS
		GW	VOCs 8260 full list	2, 40-ml VOAS

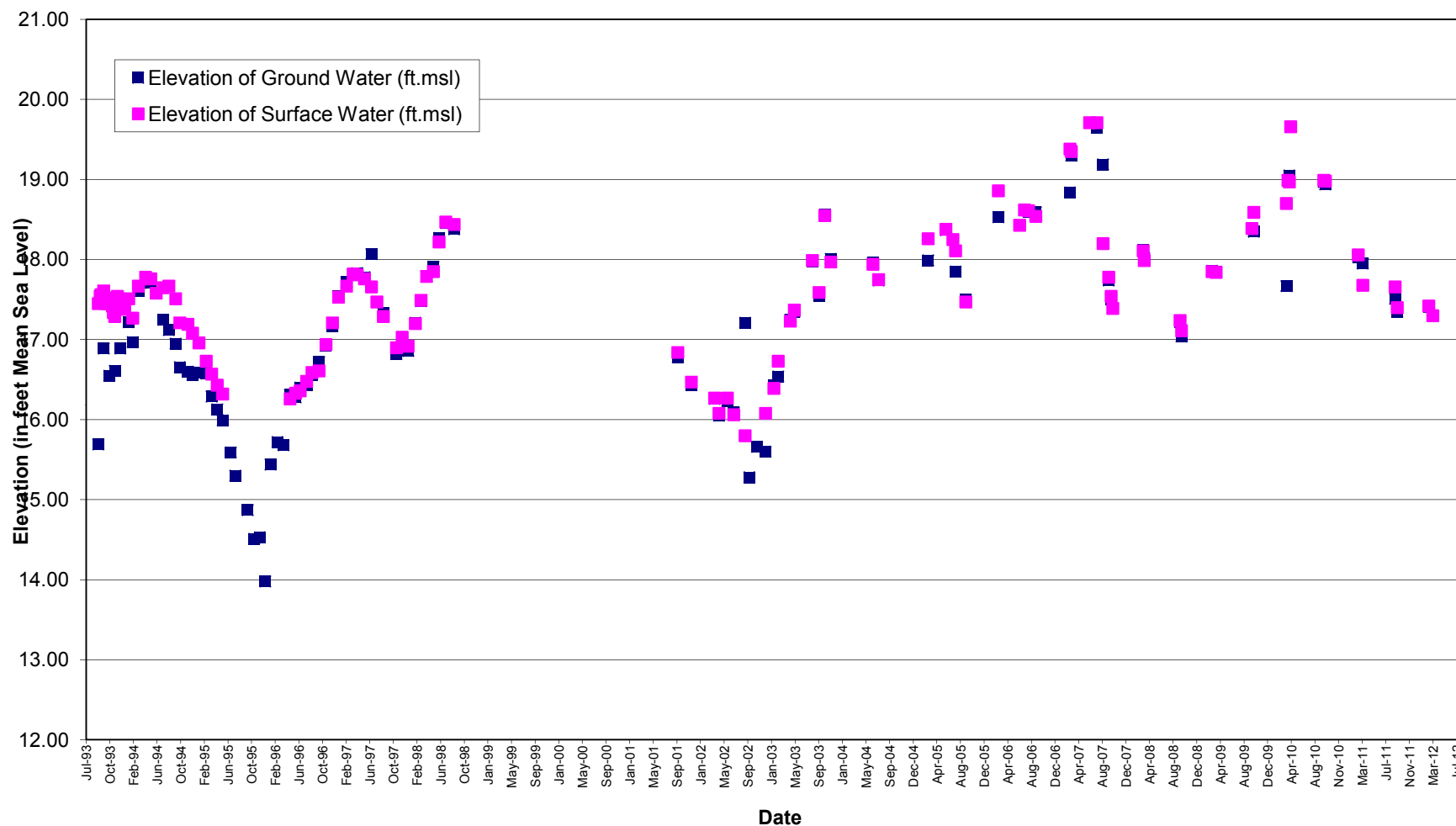
Comments: These samples are to be reported in a separate lab report from the samples listed on the other pages of the COCs!!		Preservation (check all applicable) 4°C ☐ Frozen ☐ HCl ☐ MeOH ☐ HNO ₃ ☐ H ₂ O ☐ NaOH ☐	
Special Instructions Field Filtered ☐ Lab to Filter ☐		Temperature on Receipt 3.2°C	

APPENDIX C

Piezometer Hydrographs

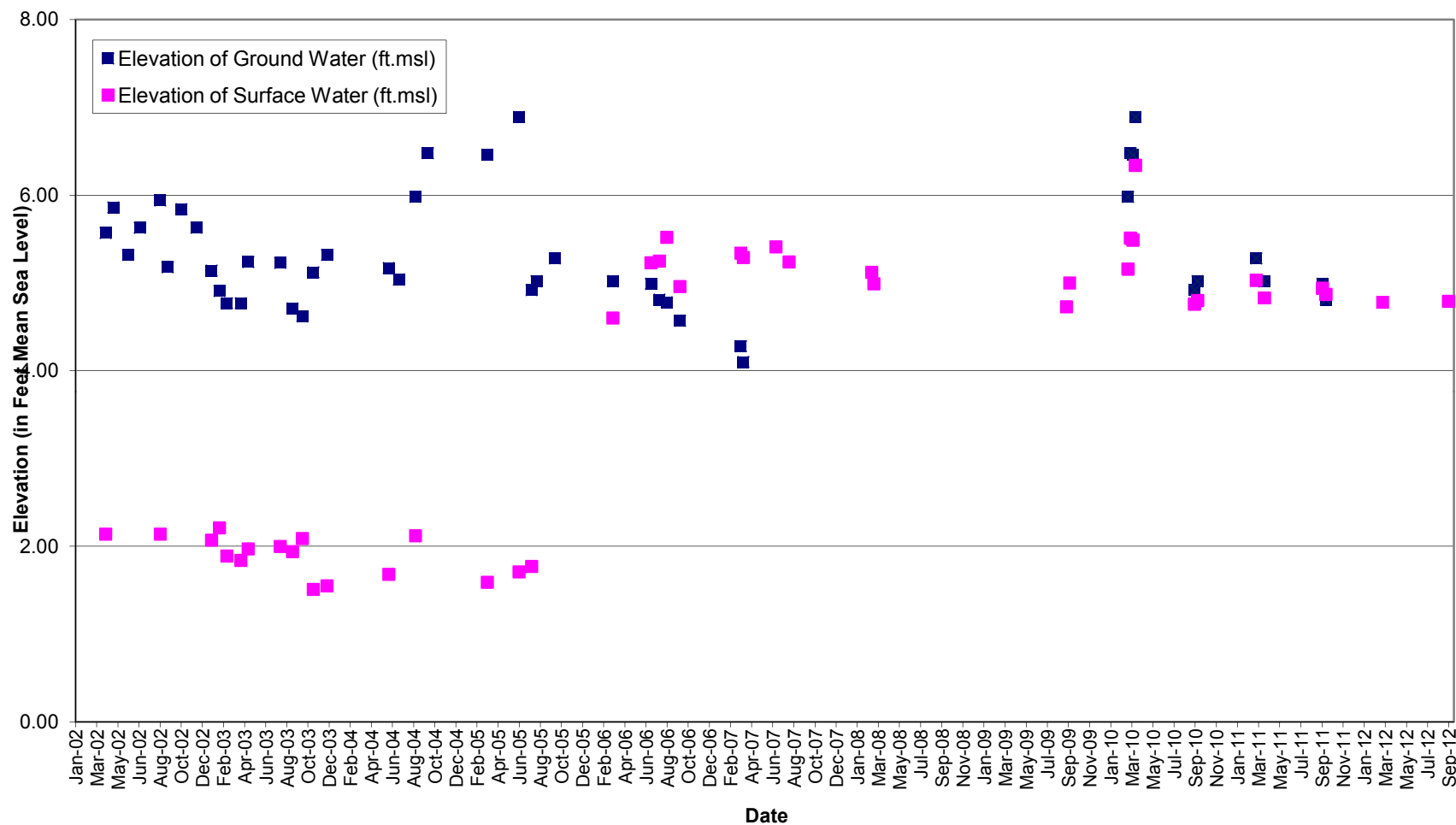
**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
1668 SAG HARBOR TURNPIKE
SAG HARBOR, NEW YORK**

Hydrograph of Lily Pond Piezometer



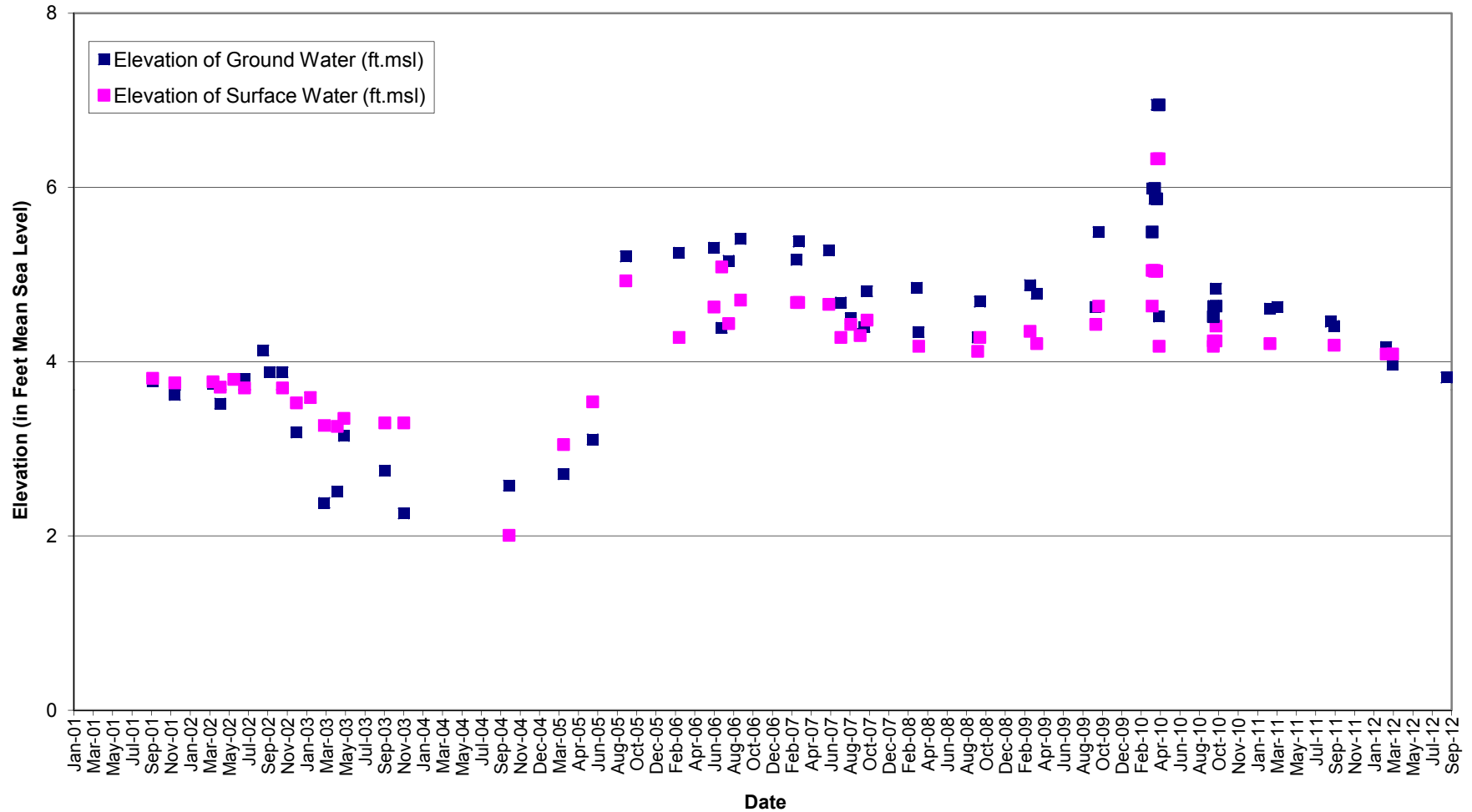
**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
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SAG HARBOR, NEW YORK**

Hydrograph of Ligonee Brook Turnpike Piezometer



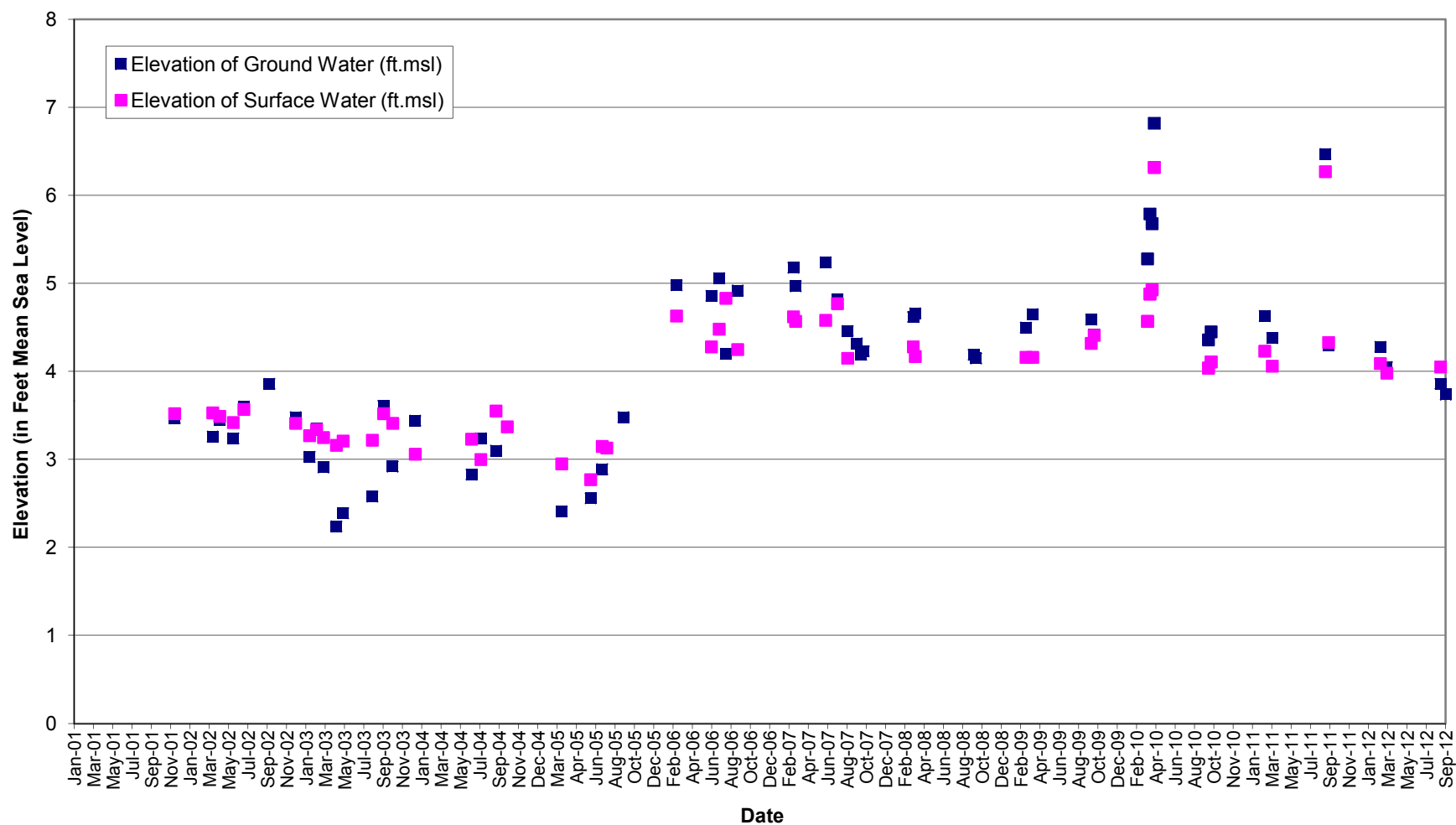
**2012 ANNUAL SUMMARY REPORT
FORMER ROWE INDUSTRIES SUPERFUND SITE
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SAG HARBOR, NEW YORK**

Hydrograph of Ligonee Brook Piezometer No. 1



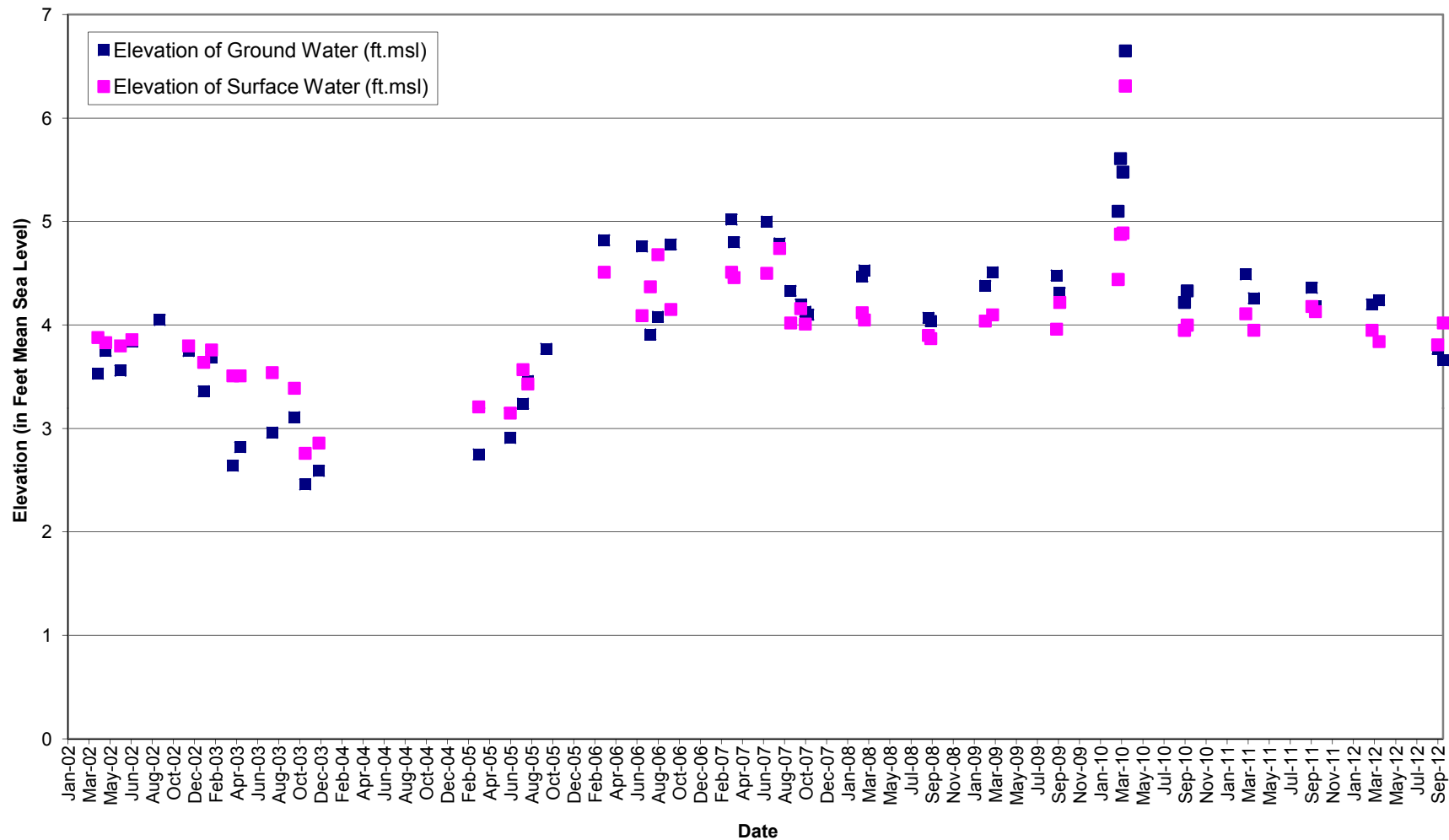
**2012 ANNUAL SUMMARY REPORT
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Hydrograph of Ligonee Brook Piezometer No. 2



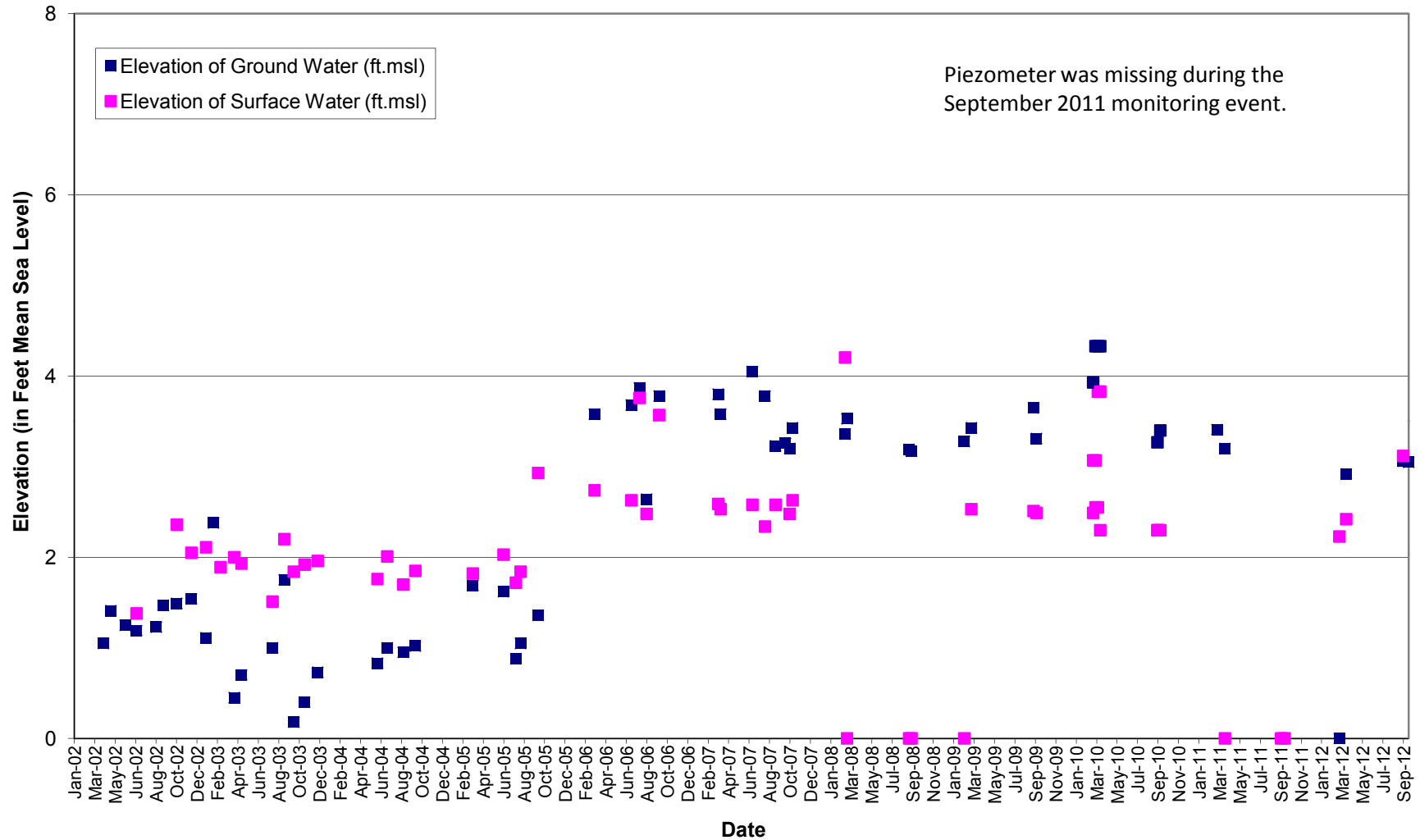
**2012 ANNUAL SUMMARY REPORT
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Hydrograph of Ligonee Brook Piezometer No. 3



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SAG HARBOR, NEW YORK**

Hydrograph of Ligonee Brook Brick Kiln Road Piezometer



APPENDIX D

USGS Monitor Well Daily Groundwater Elevations for 2012

USGS 405756072173502 S 8833. 2

Provisional data subject to revision.

DESCRIPTION:

Latitude 40°57'56", Longitude 72°17'35" NAD27

Suffolk County, New York, Hydrologic Unit 02030202 at west side of Toppings Path, east side of Crooked Pond, Bridgehampton.

Well depth: 20.0 feet

Hole depth: 20.0 feet

Land surface altitude: 20.0 feet above sea level NGVD29.

Well completed in "Northern Atlantic Coastal Plain aquifer system" (S100NATLCP) national aquifer.

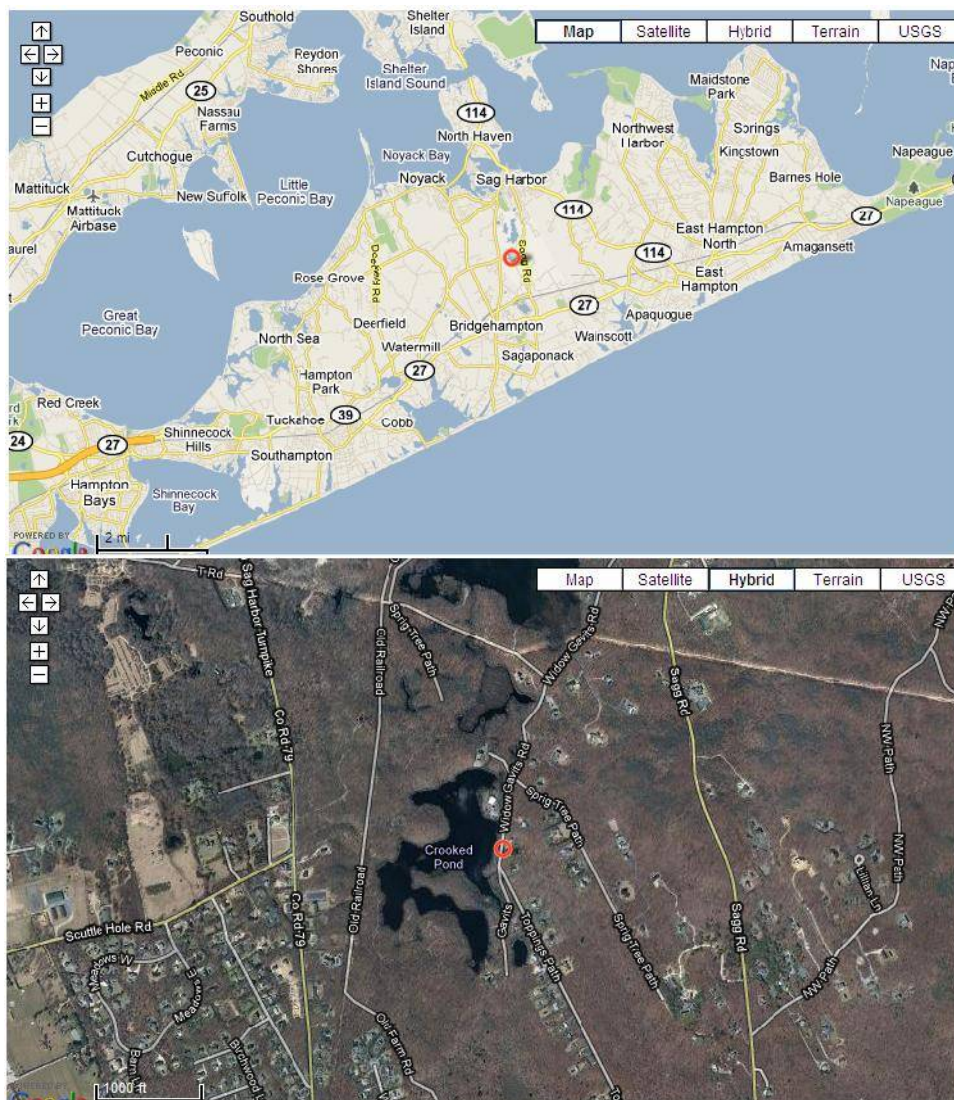
Well completed in "Glacial Aquifer, Upper" (112GLCLU) local aquifer

PERIOD OF RECORD.--May 2003 to current year.

GAGE.--Digital water-level recorder with satellite telemeter.

REMARKS.--Replaced well S8833.1 in May 2003 near same location.

Derived from NY Annual Water-Data Report 2007



http://nwis.waterdata.usgs.gov/nwis/nwismap/?site_no=405756072173502&agency_cd=USGS

LBG ENGINEERING SERVICES, P.C.

K:\Jobs\Kraft Foods Global, Inc\ROWE Industries\Ground Water\O&M\FSP&T\Annual Reports\2012 Annual Report\2012 Appendices\App D - USGS Monitor Well Daily GW Elevation Data for 2012\USGS 405756072173502 S 8833 - 2012.doc

Daily Mean Elevation above NGVD 1929, feet												
DATE	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012	Sep 2012	Oct 2012	Nov 2012	Dec 2012
1	15.08 ^P	---	15.33 ^P	15.21 ^P	15.13 ^P	15.15 ^P	14.96 ^P	14.51 ^P	14.12 ^P	13.70 ^P	13.42 ^P	13.16 ^P
2	15.09 ^P	---	15.35 ^P	15.23 ^P	15.13 ^P	15.19 ^P	14.95 ^P	14.49 ^P	14.10 ^P	13.69 ^P	13.41 ^P	13.15 ^P
3	15.09 ^P	---	15.36 ^P	15.21 ^P	15.13 ^P	15.18 ^P	14.93 ^P	14.47 ^P	14.08 ^P	13.68 ^P	13.40 ^P	13.14 ^P
4	15.08 ^P	---	15.36 ^P	15.21 ^P	15.12 ^P	15.17 ^P	14.92 ^P	14.45 ^P	14.07 ^P	13.67 ^P	13.39 ^P	13.13 ^P
5	15.09 ^P	---	15.35 ^P	15.19 ^P	15.11 ^P	15.15 ^P	14.91 ^P	14.44 ^P	14.06 ^P	13.67 ^P	13.38 ^P	13.13 ^P
6	15.09 ^P	---	15.33 ^P	15.18 ^P	15.10 ^P	15.13 ^P	14.89 ^P	14.43 ^P	14.05 ^P	13.65 ^P	13.36 ^P	13.12 ^P
7	15.09 ^P	---	15.33 ^P	15.17 ^P	15.08 ^P	15.13 ^P	14.87 ^P	14.41 ^P	14.03 ^P	13.64 ^P	13.37 ^P	13.11 ^P
8	15.09 ^P	---	15.34 ^P	15.16 ^P	15.08 ^P	15.12 ^P	14.86 ^P	14.40 ^P	14.02 ^P	---	13.39 ^P	13.15 ^P
9	15.09 ^P	---	15.34 ^P	15.16 ^P	15.17 ^P	15.11 ^P	14.84 ^P	14.38 ^P	14.01 ^P	13.62 ^P	13.37 ^P	13.13 ^P
10	15.09 ^P	---	15.33 ^P	15.15 ^P	15.29 ^P	15.09 ^P	14.82 ^P	14.39 ^P	13.99 ^P	13.63 ^P	13.35 ^P	13.30 ^P
11	15.09 ^P	---	15.32 ^P	15.13 ^P	15.29 ^P	15.07 ^P	14.80 ^P	14.38 ^P	13.96 ^P	13.61 ^P	13.34 ^P	13.50 ^P
12	15.16 ^P	---	15.32 ^P	15.12 ^P	15.28 ^P	15.07 ^P	14.78 ^P	14.36 ^P	13.95 ^P	13.59 ^P	13.33 ^P	13.50 ^P
13	15.20 ^P	---	15.33 ^P	15.11 ^P	15.27 ^P	15.17 ^P	14.76 ^P	14.35 ^P	13.94 ^P	13.58 ^P	13.32 ^P	13.47 ^P
14	15.21 ^P	15.32 ^P	15.32 ^P	15.10 ^P	15.25 ^P	15.17 ^P	14.74 ^P	14.33 ^P	13.92 ^P	13.57 ^P	13.31 ^P	13.43 ^P
15	15.20 ^P	15.32 ^P	15.31 ^P	15.09 ^P	15.25 ^P	15.14 ^P	14.72 ^P	14.36 ^P	13.90 ^P	13.56 ^P	13.30 ^P	13.40 ^P
16	15.19 ^P	15.32 ^P	15.31 ^P	15.08 ^P	15.27 ^P	15.11 ^P	14.71 ^P	14.34 ^P	13.88 ^P	13.55 ^P	13.29 ^P	13.38 ^P

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K:\Jobs\Kraft Foods Global, Inc\ROWE Industries\Ground Water\O&M\FSP&T\Annual Reports\2012 Annual Report\2012 Appendices\App D - USGS Monitor Well Daily GW Elevation Data for 2012\USGS 405756072173502 S 8833 - 2012.doc

Daily Mean Elevation above NGVD 1929, feet												
DATE	Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012	Sep 2012	Oct 2012	Nov 2012	Dec 2012
17	---	15.33 ^P	15.30 ^P	15.06 ^P	15.26 ^P	15.09 ^P	14.69 ^P	14.31 ^P	13.87 ^P	13.54 ^P	13.28 ^P	13.42 ^P
18	---	15.33 ^P	15.29 ^P	15.05 ^P	15.24 ^P	15.07 ^P	14.68 ^P	14.36 ^P	13.85 ^P	13.52 ^P	13.27 ^P	13.45 ^P
19	---	15.32 ^P	15.29 ^P	15.05 ^P	15.24 ^P	15.06 ^P	14.66 ^P	14.34 ^P	13.89 ^P	13.53 ^P	13.26 ^P	13.45 ^P
20	---	15.32 ^P	15.28 ^P	15.03 ^P	15.22 ^P	15.05 ^P	14.65 ^P	14.30 ^P	13.84 ^P	13.60 ^P	13.25 ^P	13.43 ^P
21	15.22 ^P	15.32 ^P	15.28 ^P	15.03 ^P	15.21 ^P	15.03 ^P	14.64 ^P	14.29 ^P	13.83 ^P	13.56 ^P	13.24 ^P	13.45 ^P
22	---	15.33 ^P	15.28 ^P	15.08 ^P	15.24 ^P	15.02 ^P	14.63 ^P	14.28 ^P	13.82 ^P	13.52 ^P	13.23 ^P	13.44 ^P
23	---	15.33 ^P	15.27 ^P	15.26 ^P	15.23 ^P	15.00 ^P	14.61 ^P	14.26 ^P	13.80 ^P	13.51 ^P	13.22 ^P	13.41 ^P
24	---	15.34 ^P	15.26 ^P	15.24 ^P	15.21 ^P	14.99 ^P	14.60 ^P	14.24 ^P	13.78 ^P	13.50 ^P	13.21 ^P	13.39 ^P
25	---	15.35 ^P	15.26 ^P	15.20 ^P	15.20 ^P	15.07 ^P	14.59 ^P	14.23 ^P	13.77 ^P	13.49 ^P	13.20 ^P	13.39 ^P
26	---	15.32 ^P	15.25 ^P	15.17 ^P	15.20 ^P	15.09 ^P	14.56 ^P	14.21 ^P	13.76 ^P	13.48 ^P	13.19 ^P	13.38 ^P
27	---	15.32 ^P	15.23 ^P	15.15 ^P	15.20 ^P	15.05 ^P	14.55 ^P	14.20 ^P	13.75 ^P	13.47 ^P	13.20 ^P	13.44 ^P
28	---	15.32 ^P	15.24 ^P	15.12 ^P	15.19 ^P	15.02 ^P	14.55 ^P	14.18 ^P	13.73 ^P	13.46 ^P	13.21 ^P	13.43 ^P
29	---	---	15.23 ^P	15.10 ^P	15.18 ^P	15.00 ^P	14.55 ^P	14.17 ^P	13.73 ^P	13.46 ^P	13.18 ^P	13.44 ^P
30	---		15.21 ^P	15.07 ^P	15.18 ^P	14.98 ^P	14.53 ^P	14.15 ^P	13.71 ^P	13.45 ^P	13.17 ^P	13.49 ^P
31	---		15.21 ^P		15.17 ^P		14.52 ^P	14.13 ^P		13.44 ^P		13.49 ^P
COUNT	17	15	31	30	31	30	31	31	30	30	30	31
MAX	15.22	15.35	15.36	15.26	15.29	15.19	14.96	14.51	14.12	13.7	13.42	13.5
MIN	15.08	15.32	15.21	15.03	15.08	14.98	14.52	14.13	13.71	13.44	13.17	13.11

^P Provisional data subject to revision.

LBG ENGINEERING SERVICES, P.C.

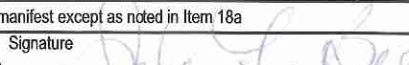
K:\Jobs\Kraft Foods Global, Inc\ROWE Industries\Ground Water\O&M\FSP&T\Annual Reports\2012 Annual Report\2012 Appendices\App D - USGS Monitor Well Daily GW Elevation Data for 2012\USGS 405756072173502 S 8833 - 2012.doc

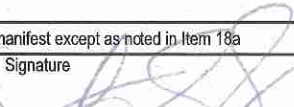
APPENDIX E

2011 Hazardous Waste Manifests

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number			
		NYR000054411	1	203-346-1161	001179399 JJK			
5. Generator's Name and Mailing Address			Generator's Site Address (if different than mailing address)					
Former Rowe Industries c/o LBC Engineering 4 Research Dr. Ste. 301, Shelton, CT 06484 Generator's Phone: 203-929-8555			1668 Bridgehampton/Sag Harbor Tpk. Sag Harbor, NY 11963					
6. Transporter 1 Company Name			U.S. EPA ID Number					
E. J. T. II, LLC			CTR000506428					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address			U.S. EPA ID Number					
Northland Environmental, LLC 275 Allens Ave, Providence, RI 02905 Facility's Phone: 401-791-8340			RID040098352					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	1. RQ, Hazardous Waste, Solid, N.O.S., 9, HA3077, PGIII (tetrachloroethylene)		012	DM	840	P	F001	
	2.							
	3.							
4.								
14. Special Handling Instructions and Additional Information								
1. VDI1 3D95894 Job #1015								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name			Signature			Month Day Year		
T. J. T. II, LLC			T. J. T. II, LLC			5 7 12		
INT'L	16. International Shipments		☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____			
	Transporter signature (for exports only):							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name		Signature		Month Day Year			
DESIGNATED FACILITY	Chaike Lowe		Chaike Lowe		5 7 12			
	Transporter 2 Printed/Typed Name		Signature		Month Day Year			
18. Discrepancy								
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator)			U.S. EPA ID Number					
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)			Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name			Signature			Month Day Year		

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYR000054411		2. Page 1 of 1		3. Emergency Response Phone 860-346-0027		4. Manifest Tracking Number 001179409 JJK			
		5. Generator's Name and Mailing Address Former Rowe Industries c/o LBG Engineering 4 Research Dr. Ste. 301 Shelton, CT 06424				Generator's Site Address (if different than mailing address) 1668 Bridgehampton/Sag Harbor Tpk. Sag Harbor, NY 11963					
		Generator's Phone: 203-922-8555									
		6. Transporter 1 Company Name Alpine Environmental Services, LLC				U.S. EPA ID Number CTR000510388					
		7. Transporter 2 Company Name				U.S. EPA ID Number					
		8. Designated Facility Name and Site Address Bridgeport United Recycling 50 Cross Street, Bridgeport, CT 06110				U.S. EPA ID Number CTD0002893887					
		Facility's Phone: (203) 334-1666									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
					No.	Type					
		1.	RQ, Hazardous Waste, Liquid, N.O.S. (Tetrachloroethylene) II 9, NA3082, PGIII			1	TT	1357	G	F001 0039	
		2.									
		3.									
	4.										
14. Special Handling Instructions and Additional Information 1. 2647DLS Job #1015											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name Tunde Komuves-Santor, LBG agent for HABISCO					Signature <i>[Signature]</i>			Month Day Year 6 7 12			
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials										
TRANSPORTER	Transporter 1 Printed/Typed Name Joseph J. Doney					Signature <i>[Signature]</i>			Month Day Year 6 7 12		
	Transporter 2 Printed/Typed Name Richard B. [unclear]					Signature <i>[Signature]</i>			Month Day Year 6 7 12		
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection approx. 3 to 4 drums worth of solids remain in truck or wheel (2006). approx. 1151G offloaded.										
	Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____										
	Facility's Phone: _____										
	18c. Signature of Alternate Facility (or Generator) _____								Month Day Year ____		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. H135			2. _____			3. _____			4. _____		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name STEPHEN DUBAUSKAS					Signature <i>[Signature]</i>			Month Day Year 06 22 12			

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYR000054411	2. Page 1 of 1	3. Emergency Response Phone 860-346-0027	4. Manifest Tracking Number 001179440 JJK			
5. Generator's Name and Mailing Address Former Rowe Industries c/o LBG Engineering 4 Research Dr. Ste. 301 Shelton, CT 06424				Generator's Site Address (if different than mailing address) 1668 Bridgehampton/Sag Harbor Tpk Sag Harbor, NY 11963				
Generator's Phone: 203-922-8555								
6. Transporter 1 Company Name Alpine Environmental Services, LLC				U.S. EPA ID Number CTR000510388				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address Bridgeport United Recycling 50 Cross St. Bridgeport, CT 06110				U.S. EPA ID Number CTD002593887				
Facility's Phone: 203-334-1666								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RQW Hazardous Waste, liquid, N.O.S. (Tetrachloroethylene), 9, NA3082, PGIII	001	TT	256	G	F001	D039	
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information 1. 2647DLS Job #1015								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name Stephen Huel				Signature 		Month Day Year 10 8 12		
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name Charles Laje				Signature 		Month Day Year 10 8 12		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator)						U.S. EPA ID Number		
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H135		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name Soke Burgois				Signature 		Month Day Year 10 8 12		

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYR000054411	2. Page 1 of 1	3. Emergency Response Phone 1-860-346-0027	4. Manifest Tracking Number 001179415 JJK		
5. Generator's Name and Mailing Address Former Rowe Industries c/o LBG Engineering 4 Research Dr. Ste. 301 Shelton, CT 06484				Generator's Site Address (if different than mailing address) 1668 Bridgehampton/Sag Harbor Tpke Sag Harbor, NY			
Generator's Phone: 203-929-8556							
6. Transporter 1 Company Name Alpine Environmental Services, LLC				U.S. EPA ID Number CTR000510388			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Northland Environmental, LLC 275 Allens Ave, Providence, RI 02905				U.S. EPA ID Number RID040098352			
Facility's Phone: 401-781-6340							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. RQ, Hazardous Waste Liquid N.O.S., 9, NA3077, PGIII (tetrachloroethylene)	002	DM	100	B	F001	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. WD95894 Job #1015							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name Paul Johnson				Signature 		Month Day Year 7 10 12	
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Joseph J. Doner				Signature 		Month Day Year 7 13 12	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H141		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Barry Bunge				Signature 		Month Day Year 10 13 12	